NIST TECHNICAL NOTE 1331

U.S. DEPARTMENT OF COMMERCE / National Institute of Standards and Technology

Properties of Lennard–Jones Mixtures at Various Temperatures and Energy Ratios With a Size Ratio of Two

M.L. Huber
J.F. Ely

Properties of Lennard–Jones Mixtures at Various Temperatures and Energy Ratios With a Size Ratio of Two

M.L. Huber
J.F. Ely

Thermophysics Division
Center for Chemical Engineering
National Engineering Laboratory
National Institute of Standards and Technology
Boulder, Colorado 80303-3328

U.S. DEPARTMENT OF COMMERCE, Robert A. Mosbacher, Secretary

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY, Raymond G. Kammer, Acting Director

Issued May 1989

National Institute of Standards and Technology Technical Note 1331
Natl. Inst. Stand. Technol., Tech. Note 1331, 426 pages (May 1989)
CODEN:NTNOEF

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1989

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-9325

Contents

Page

1.0 Introduction 1

2.0 Computer Simulation Studies 2

2.1 Description of Simulations 4

2.1.1 Computational Details 5

2.1.2 Accuracy 8

2.2 Simulation Results 8

2.2.1 Radial Distribution Functions 12

2.2.2 Direct Correlation Functions 12

3.0 Theories of Fluids 22

3.1 Conformal Solution Theories for Pure Fluids 22

3.2 Mixture Theories 23

3.2.1 Mean Density Approximation n-Fluid Theory 25

3.2.2 Van der Waals one-Fluid Theory 26

3.2.3 Hard Sphere Expansion Theory 27

3.2.4 Statistical Mechanical Perturbation Theory 29

3.2.5 Modified Mean Density Approximation 36

4.0 Comparisons of the Theories 43

4.1 Radial Distribution Functions 43

4.2 Equation of State 43

4.3 Internal Energy 53

4.4 Excess Properties 57

5.0 Conclusions 62

6.0 Acknowledgements 62

7.0 References 63

Nomenclature 67

APPENDIX A. Tabular Data for Radial Distribution Functions and Local Compositions 69

APPENDIX B. Plots of Radial Distribution Functions 246

APPENDIX C. Tabular Data for Direct Correlation Functions 331

List of Figures

Page

Figure 1. Molecular functions for a Lennard-Jones 6-12 fluid 13

Figure 2. Direct correlation functions, $x_1 = 0.05$ 18

Figure 3. Direct correlation functions, $x_1 = 0.50$ 19

Figure 4. Direct correlation functions, $x_1 = 0.95$ 20

Figure 5. Baxter q functions, $x_1 = 0.50$ 21

Figure 6. Comparison of simulation and MDA radial distribution functions for $x_1 = 0.05$ 37

Figure 7. Comparison of simulation and MDA radial distribution functions for $x_1 = 0.95$ 38

Figure 8. Comparison of 2-2 pair radial distribution functions for $x_1 = 0.25$ at different energy ratios.....40

Figure 9. Comparison of $(g^{mix} - g^{mda})$ for Lennard-Jones 6-12 mixtures and hard sphere mixtures.....41

Figure 10. Comparison of simulation and MDA radial distribution functions for $x_1 = 0.05$ 44

Figure 11. Comparison of simulation and MDA radial distribution functions for $x_1 = 0.95$ 45

List of Tables

Page

Table 1. Summary of Simulation Results for Binary Mixtures of Lennard-Jones Particles for $T^* = 1$, $\sigma_{22}/\sigma_{11} = 2$ 9

Table 2. Summary of Simulation Results for Binary Mixtures of Lennard-Jones Particles for $T^* = 2$, $\sigma_{22}/\sigma_{11} = 2$ 10

Table 3. Summary of Simulation Results for Binary Mixtures of Lennard-Jones Particles for $T^* = 3$, $\sigma_{22}/\sigma_{11} = 2$ 11

Table 4. Comparision of Direct Correlation Functions for an Equimolar Binary Lennard-Jones 6-12 Mixture Subject to the Percus-Yevick Approximation.....17

Table 5. Comparison of Predicted and Simulated Pressures for Lennard-Jones Mixtures wth $T^* = 1$ 48

Table 6. Comparison of Predicted and Simulated Pressures for Lennard-Jones Mixtures wth $T^* = 2$ 49

Table 7. Comparison of Predicted and Simulated Pressures for Lennard-Jones Mixtures wth $T^* = 3$ 50

Table 8. Equation of State Comparisons for Binary Equimolar Lennard-Jones Mixtures with Varying Size Ratios.....51

Table 9. Equation of State Comparisons for Binary Equimolar Lennard-Jones Mixtures with Varying Size Ratios.....52

Table 10. Comparisons of Model Predictions for the Dimensionless Residual Internal Energy for Lennard-Jones Mixtures at $T^* = 1$ 54

Table 11. Comparisons of Model Predictions for the Dimensionless Residual Internal Energy for Lennard-Jones Mixtures at $T^* = 2$ 55

Table 12. Comparisons of Model Predictions for the Dimensionless Residual Internal Energy for Lennard-Jones Mixtures at $T^* = 3$ 56

Table 13. Comparison of Predicted Excess Properties with Monte Carlo Simulation Results for Binary Equimolar Lennard-Jones Mixtures 58

Table 14. Excess Volume (cm^3/mol) Comparisons with Lennard-Jones Mixture Simulation Data 60

Table 15. Comparison of Selected Simulated and Predicted Excess Properties for Equimolar Lennard-Jones Mixtures 61

PROPERTIES OF LENNARD-JONES MIXTURES AT VARIOUS TEMPERATURES AND ENERGY RATIOS WITH A SIZE RATIO OF TWO

M. L. Huber and J. F. Ely

Thermophysics Division
National Institute of Standards and Technology
Boulder, Colorado 80303

In this work we present the results of molecular dynamics computer simulations for binary Lennard-Jones mixtures with a size ratio of two. A total of 84 state points were investigated, at seven compositions ranging from 5 percent to 95 percent of the small molecule, energy ratios from 0.5 to 3.0, and three reduced temperatures. In addition to the thermodynamic results, we present extensive tabular data for the radial distribution functions, local compositions and the direct correlation functions. We also discuss several theories of dense fluid mixtures and give a new approximation for the radial distribution function of a pair in a mixture, which we call the modified mean density approximation. The predictions of various thermodynamic quantities from the different liquid mixture models are compared with simulation results. For mixtures with large size differences, the modified mean density approximation was found to be competitive with first order, Lee-Levesque type statistical mechanical perturbation theory.

Key words: computer simulation; Lennard-Jones mixtures; mean density approximation; molecular dynamics

1. Introduction

The design of chemical process unit operations equipment requires detailed knowledge of the thermophysical properties of fluids and fluid mixtures. In order to meet these design needs, accurate predictive models are necessary, especially for emerging technologies such as enhanced oil recovery, CO_2-rich gas processing, supercritical extraction, biotechnology and coal-based feedstock chemical processing. These technologies typically involve materials which are not well represented in the current experimental data base or which involve a region of fluid behavior which is difficult if not impossible to study in a controlled laboratory environment.

A problem which touches on all of the applications mentioned above is that of predicting the properties of mixtures which contain molecules with large size differences. Previous studies have shown that systems such as these exhibit substantial deviations from most, if not all, theoretically based corresponding states models for fluid thermophysical properties. In this report we present the results of our investigations of the cause of these failures. We have chosen to limit our study to systems whose components obey the Lennard-Jones (LJ) 6-12 potential function. This limitation enables us to focus on the mixture physics rather than on the

form of the intermolecular potential function and related deviations from pure fluid corresponding states. We conjecture that any valid results obtained for these systems will also be applicable to real fluids; that is, if we capture the basic physics of the system, the physics will scale to more complex systems.

There are two main goals of this work. One goal is to extend the composition, size and energy ratio ranges of computer simulation data for Lennard-Jones mixtures. We view this information as being essential if one wishes to develop molecularly based theories of fluid mixtures. Computer simulation studies of LJ 6-12 mixtures have appeared in the literature; however, most previously reported data are for equimolar mixtures of molecules with relatively small size ratios.

The second goal of this work is to develop an improved analytic approximation for mixture radial distribution functions. Once this approximation is in hand, it will be possible to develop new predictive models for the properties of mixtures exhibiting large size differences from rigorous statistical mechanical relations.

A basic outline of the contents of this report is as follows. In section 2 we describe our molecular dynamics computer simulation technique and results for Lennard-Jones mixtures with a size ratio of two. We present extensive tables of the radial distribution functions (RDF), local compositions, and plots of the radial distribution functions obtained from the simulations. In addition, we report how we obtained the direct correlation functions (DCF) for the mixtures from the simulation radial distribution functions and present the DCF's in tabular form. In section 3 we discuss several important theories of dense fluid mixtures including the van der Waals one fluid theory (VDW-1), the mean density approximation (MDA), the hard sphere expansion theory (HSE) and the Lee-Levesque first order statistical mechanical perturbation theory. We also present a new approximation for radial distribution functions in mixtures, the modified mean density approximation (MMDA). In section 4 we compare the predictions of these theories with our own MD simulation results, as well as with computer simulation results found in the technical literature.

2. Computer Simulation Studies

During the past few years, there has been great interest in developing more accurate corresponding states theories for fluid mixtures by using

molecular theory. This is especially true for systems which exhibit large differences in size or polarity among the mixture components. One approach to this problem focuses on the development of local composition models, which combine a microscopic intuitive picture of fluid structure with a semiempirical equation of state. In this type of model the local compositions are obtained theoretically from the particle coordination numbers n_{ij} where

$$n_{ij}(L^c_{ij}) = 4\pi\rho x_i \int_0^{L^c_{ij}} g_{ij}\ (r;\{\rho_k\},T;\{\epsilon_{kl}\},\{\sigma_{kl}\},\ldots)\ r^2 dr. \tag{1}$$

The definition of the local composition X_{ij} of a particle of type i about a central molecule of type j with a cutoff parameter $L_{ij}{}^c$ is

$$X_{ij} = \frac{n_{ij}(L^c_{ij})}{\sum_{k=1}^{M} n_{kj}(L^c_{kj})} \tag{2}$$

In eq (1), ρ is the bulk density, x_i is the mole fraction of i in the mixture, and g_{ij} is the radial distribution function for the ij pair. It is proportional to the probability of finding a molecule of type i a distance r from a central molecule of type j in the mixture. Generally, the radial distribution function depends upon the set of component number densities $\{\rho_k\}$, the temperature T, and the complete set of intermolecular potential parameters $\{\epsilon_{kl}\}$ $\{\sigma_{kl}\},\ldots$, for all of the M components in the mixture. One of the main problems with the local composition approach is the definition of the cutoff parameter $L^c{}_{ij}$. The local compositions obtained from eq (2) are a strong function of this parameter.

An alternate microscopic approach which avoids having to define the cutoff parameter was proposed by Leland and coworkers [1-3]. In Leland's approach one makes an approximation which directly relates the radial distribution function of a pair in a mixture to that of a hypothetical pure fluid. This approximate distribution function can then be used to derive mixing rules for use in corresponding states models. An example of this

approach is presented in section 3 of this report.

In both of these approaches, detailed information concerning the radial distributions of mixture pairs is essential. In spite of this need, relatively few distribution functions have been reported in the literature; most of those were for equimolar mixtures at small size ratios (which we define as σ_{22}/σ_{11}), generally less than 1.3. There have been several simulation studies of Lennard-Jones 6-12 systems [4-13], but a systematic study covering a wide range of composition at several energy ratios ($\epsilon_{22}/\epsilon_{11}$) for mixtures with large size ratios has never been done.

One of the initial goals of this study was, therefore, to generate an extensive base of radial distribution function and thermodynamic data which could be used to test and evaluate existing and future molecular theories of fluid mixtures. Since it is essential that the intermolecular potential be known in the development of new theories, the only route to this goal was computer simulation.

There are two simulation methods available by which one can obtain mixture properties and radial distribution functions. The first is the Monte Carlo approach where a system of particles is taken through a series of randomly assigned configurations. A given configuration is accepted or rejected on the basis that the configuration space generated is consistent with the probability density of the ensemble chosen. Thermodynamic properties are calculated from configurational averages of the appropriate functions of the intermolecular potential.

In the second method, molecular dynamics, a system of particles is assigned an initial set of positions and momenta. A series of configurations is generated by solving the equations of motion describing the particles. Properties are obtained from time averages in the system. In this work we have used the molecular dynamics method, primarily because the necessary computer programs were already available for pure fluids [14].

2.1 Description of Simulations

The systems investigated in this study were chosen to overlap some of the results of previous investigators [8,9] and to extend the base of calculations to higher temperatures and lower densities. The components of the mixtures interacted with a pairwise additive Lennard-Jones (12-6) potential

$$u_{ij}(r) = 4\epsilon_{ij}[(\sigma_{ij}/r)^{12} - (\sigma_{ij}/r)^{6}] \tag{3}$$

where i and j denote the components, ϵ_{ij} denotes the value of the intermolecular potential depth at the minimum $r_m = 2^{1/6}\sigma_{ij}$, and σ_{ij} is the collision diameter such that $u_{ij}(\sigma_{ij}) = 0$. In these calculations, the smaller molecule was assigned the potential parameters associated with argon, $\sigma_{11} = 0.3405$ nm and $\epsilon_{11}/k_B = 120$ K, where k_B is Boltzmann's constant. In the calculations presented in this report $\sigma_{22}/\sigma_{11} = 2$, $\epsilon_{22}/\epsilon_{11}$ varies from 0.5 to 3.0, and k_BT/ϵ_{11} ranges from 1.0 to 3.0. This is a fairly large size ratio; methane-decane has a size ratio of about 1.8. The densities were chosen such that $p\sigma_{11}^{3}/\epsilon_{11} \approx 0.5$ ($p \approx 20.9$ MPa). Nominal compositions studied were 5, 10, 25, 50, 75, 90 and 95 mol percent of the small molecule. The unlike pair parameters were calculated from the Lorentz-Berthelot rules

$$\epsilon_{12} = (\epsilon_{11}\epsilon_{22})^{1/2} \tag{4}$$

and

$$\sigma_{12} = (\sigma_{11} + \sigma_{22})/2. \tag{5}$$

2.1.1 Computational Details

The simulations were performed using system sizes ranging from 864 to 2048 particles, depending upon the composition of the mixture. In all cases the system contained at least 102 particles of each component. Hamilton's equations of motion were solved at constant kinetic temperature by imposing a Gaussian thermostat of the form proposed by Evans and Hoover [15-17]. The basic form of the equations of motion for particle i is

$$q_i = \dot{p}_i/m_i \tag{6}$$

and

$$\dot{p}_i = F_i - \lambda p_i. \tag{7}$$

The isothermal constraint λ is found by requiring that the time derivative of the kinetic temperature be identically zero, namely

$$\frac{\partial}{\partial t}\frac{3}{2}NkT = \frac{\partial}{\partial t}\frac{1}{2}\sum \frac{p_i^{2}}{m_i} = 0$$

or

$$\sum p_i \cdot \dot{p}_i = 0. \tag{8}$$

Substituting eq (7) for p_i into eq (8) and solving for λ one finds

$$\lambda = \sum p_i \cdot F_i \; / \sum p_i^2 \tag{9}$$

The details of the Hamiltonian and the Gaussian constraint method are discussed in depth by Evans and Morriss [17].

The equations of motion, eqs (6) and (7) are solved using a fourth order Gear predictor-corrector method [18] with an integration time step of $\delta = 0.005\ \sigma_{11}(m_{11}/\epsilon_{11})^{1/2}$, which for the values given previously and an atomic mass corresponding to argon is approximately 10 fs. The simulations were initiated from a fcc crystal with random assignments to the lattice sites. The systems were typically equilibrated for a minimum of 1000 time steps to remove any history of the initial configuration. The intermolecular potential was truncated at $r^c_{ij} = 2.5\ \sigma_{ij}$ and neighbor lists were maintained at varying distances ranging from 2.8 σ_{ij} at $T^*(= k_B T/\epsilon_{11}) = 1.0$, to 3.5 σ_{ij} at $T^* = 3$. Anywhere from 20,000 to 100,000 equilibrium time steps were generated for each state point. The primary criterion for stopping the simulations was noise in the radial distribution functions (see below) approaching their theoretical values (1/N).

The pressure p and internal energy U were corrected for the truncated potential by assuming that the radial distribution function was identically unity from the potential cutoff distance r_{ij}^c to infinity. The resulting corrections ΔU^{COR} and Δp^{COR} are

$$\frac{\Delta U^{COR}}{N\epsilon_{11}} = 2\pi\rho \sum_i^M \sum_j^M x_i x_j \int_{r^c_{ij}}^{\infty} (u_{ij}/\epsilon_{11})\ r^2\ dr \tag{10}$$

$$= 8\pi\rho^* \sum_i^M \sum_j^M x_i x_j\ \epsilon^*_{ij} \left[\sigma^*_{ij}\right]^3 \left[\frac{1}{9}(\sigma_{ij}/r^c_{ij})^9 - \frac{1}{3}(\sigma_{ij}/r^c_{ij})^3\right]$$

and

$$\frac{\Delta p^{COR}\sigma_{11}^3}{\epsilon_{11}} = -\frac{2\pi\rho^2}{3}\sum_i^M\sum_j^M x_i x_j\,\sigma_{11}^3\int_{r_{ij}^c}^{\infty}(u'_{ij}/\epsilon_{11})\,r^3\,dr \tag{11}$$

$$= \frac{16}{9}\pi(\rho^*)^2\sum_i^M\sum_j^M x_i x_j\,\epsilon_{ij}^*\left[\sigma_{ij}^*\right]^3\left[2(\sigma_{ij}/r_{ij}^c)^9 - 3(\sigma_{ij}/r_{ij}^c)^3\right]$$

where ρ is the molecular number density, and we define the reduced quantities $\rho^* = \rho\sigma_{11}^3$, $\sigma_{ij}^* = \sigma_{ij}/\sigma_{11}$ and $\epsilon_{ij}^* = \epsilon_{ij}/\epsilon_{11}$. We used the cutoff $r_{ij}^c = 2.5\sigma_{ij}$.

The pair correlation functions were determined by sampling the system at a frequency of approximately once every hundred time steps. The step size ΔR_{ij} of the resulting histograms was chosen to be $0.025\sigma_{ij}$. The distribution functions were generated from the resulting histograms using eq (14). In particular, the number of molecules of type j in a spherical shell of thickness ΔR at a distance R from a central molecule of type i is given by

$$N_{ij}(R + \tfrac{1}{2}\Delta R) - N_{ij}(R - \tfrac{1}{2}\Delta R) = 4\pi\rho x_i\int_{R-\frac{1}{2}\Delta R}^{R+\frac{1}{2}\Delta R} g_{ij}(r;\{\rho_k\},T;\{\epsilon_{kl}\},\{\sigma_{kl}\})r^2dr$$

$$\equiv \Delta N_{ij}(R). \tag{12}$$

If ΔR is small, g_{ij} may be approximated as a constant in the integrand and we find that

$$g_{ij}(R) = \frac{\Delta N_{ij}(R)}{(4\pi/3)\rho x_i\Delta R^3\,[3(R/\Delta R)^2 + 1/4]} \tag{13}$$

Defining R to be $k\Delta R$ and $R_{ij}^* = R/\sigma_{ij} = k(\Delta R/\sigma_{ij}) = k\delta_{ij}$ we find

$$g_{ij}(R_{ij}^*) = \frac{\Delta N_{ij}(R_{ij}^*)}{(4\pi/3)\rho^* x_i(\delta_{ij}\sigma_{ij}^*)^3[3k^2 + 1/4]}. \tag{14}$$

2.1.2 Accuracy

The overall accuracy of the simulations is a strong function of the total number of particles and the concentration. In all cases the total energy of the system with the thermostat off was conserved within 0.1 percent per 10,000 time steps. We estimate that the accuracy of the radial distribution functions is better than 0.5 percent except for the like-like distribution functions for the cases where the concentrations were less than 10 percent of that component. In this case uncertainties are of the order of 2 percent. Increasing the system size would increase the accuracy of the simulated distribution functions at the expense of computational time.

2.2 Simulation Results

The results of the simulations are summarized in tables 1-3, which give the compositions and energy ratios studied, in addition to the relevant thermodynamic state data. The column titled #TS refers to the number of time steps performed in the simulation, and the units for the binary diffusivities D_1 and D_2 are 10^{-5} cm^2/s. The diffusivities were calculated from the generalized Einstein relationship [19].

Table 1. Summary of Simulation Results for Binary Mixtures of Lennard-Jones Particles for $T^* = 1$, $\sigma_{22}/\sigma_{11} = 2$

$\epsilon_{22}/\epsilon_{11}$	N_{TOT}	N_1	#TSx10^{-3}	p^*	ρ^*	U^*	D_1x10^5	D_2x10^5
0.5	2048	102	12	0.5163	0.1265	-2.54233	15.1935	7.8023
	864	86	30	0.5360	0.1210	-2.59146	17.3632	7.7663
	864	216	20	0.5083	0.1386	-2.73234	14.7660	7.2833
	864	432	20	0.5253	0.1900	-3.09175	11.8063	6.5290
	864	648	20	0.5239	0.3030	-3.72811	8.7924	4.5114
	864	778	20	0.4171	0.4662	-4.37242	6.5442	3.9924
	2048	1946	10	0.4763	0.5825	-4.78323	5.7851	3.3182
1.0	2048	102	14	0.5677	0.1225	-6.15758	6.7190	2.8140
	864	86	25	0.5206	0.1265	-6.03921	7.7836	3.1100
	864	216	20	0.5084	0.1466	-5.84842	8.2455	2.8915
	864	432	20	0.4876	0.2000	-5.56958	7.0490	2.9046
	864	648	20	0.4966	0.3190	-5.41641	6.1988	2.7090
	864	778	20	0.5081	0.4939	-5.38362	5.4699	2.7785
	2048	1946	10	0.4840	0.5980	-5.34201	4.7848	2.2332
1.5	2048	102	16	0.3409	0.1280	-10.52639	1.8271	0.1524
	864	86	30	0.4946	0.1310	-9.72044	4.8239	1.2583
	864	216	20	0.4786	0.1520	-9.09142	4.4668	1.3755
	864	432	20	0.5252	0.2100	-8.11267	4.1566	1.3589
	864	648	20	0.6597	0.3380	-7.11019	3.9731	1.3443
	864	778	20	0.5056	0.5080	-6.20846	4.1596	1.5434
	2048	1946	10	0.5105	0.6125	-5.83592	4.2047	2.0968

$p^* = p\sigma_{11}^3/\epsilon_{11}$, $\rho^* = \rho\sigma_{11}^3$, $U^* = (U-U^{ig})/N\epsilon_{11}$, $T^* = k_B T/\epsilon_{11}$

Table 2. Summary of Simulation Results for Binary Mixtures of Lennard-Jones Particles for $T^* = 2$, $\sigma_{22}/\sigma_{11} = 2$

$\epsilon_{22}/\epsilon_{11}$	N_{TOT}	N_1	#TSx10^{-3}	p^*	ρ^*	U^*	D_1x10^5	D_2x10^5
0.5	2048	102	80	0.5073	0.0910	-1.69546	42.7237	30.6972
	1372	137	70	0.5072	0.0945	-1.72142	52.0333	30.9436
	864	216	65	0.5090	0.1070	-1.79818	49.4129	29.7486
	864	432	65	0.5093	0.1371	-1.91893	47.4465	24.5766
	864	648	65	0.5005	0.1901	-2.01086	47.8357	23.4134
	1372	1235	75	0.4941	0.2470	-2.01561	44.9058	22.9042
	2048	1946	70	0.4956	0.2742	-1.99830	43.3780	25.0122
1.0	2048	102	100	0.5100	0.0979	-4.49437	36.2669	19.1511
	1372	137	100	0.5093	0.1019	-4.42388	37.1825	18.0984
	864	216	70	0.5212	0.1170	-4.23143	34.3131	19.1460
	864	432	60	0.5252	0.1530	-3.83958	32.3285	16.3820
	864	648	60	0.5197	0.2180	-3.30589	31.9178	18.8228
	1372	1235	100	0.5122	0.2800	-2.72191	36.5741	19.6629
	2048	1946	100	0.5050	0.2981	-2.38691	38.6377	19.6660
1.5	2048	102	100	0.5052	0.1050	-7.70155	31.3380	12.7491
	1372	137	110	0.5060	0.1095	-7.55894	27.9719	12.7207
	864	216	100	0.5183	0.1260	-6.98276	25.0449	12.0510
	864	432	80	0.4968	0.1650	-5.88272	27.8968	12.3418
	864	648	80	0.5440	0.2435	-4.68006	24.5989	12.8333
	1372	1235	100	0.5077	0.3058	-3.37038	31.5365	13.9545
	2048	1946	94	0.5161	0.3215	-2.76247	34.6736	17.2815
2.0	2048	102	110	0.5107	0.1113	-11.36056	21.8329	7.5420
	2048	205	100	0.5120	0.1162	-11.01778	17.9834	7.5591
	1372	137	120	0.5146	0.1162	-11.01948	18.6890	7.4261
	1372	343	50	0.5207	0.1338	-9.98481	18.6678	7.9928
	864	216	80	0.5196	0.1338	-9.98672	18.4361	7.9370
	864	432	60	0.5042	0.1772	-8.12524	19.1107	8.4907
	1372	686	89	0.5039	0.1772	-8.12549	19.4474	8.0008
	864	648	60	0.4799	0.2571	-5.91509	21.3964	9.4607
	1372	1029	80	0.4790	0.2571	-5.91705	22.1203	9.2425
	1372	1235	90	0.5112	0.3315	-4.03767	25.7272	12.4644
	2048	1946	100	0.5123	0.3387	-3.09045	31.7635	15.9829

$p^* = p\sigma_{11}^3/\epsilon_{11}$, $\rho^* = \rho\sigma_{11}^3$, $U^* = (U-U^{ig})/N\epsilon_{11}$, $T^* = k_BT/\epsilon_{11}$

Table 3. Summary of Simulation Results for Binary Mixtures of Lennard-Jones Particles for $T^* = 3$, $\sigma_{22}/\sigma_{11} = 2$

$\epsilon_{22}/\epsilon_{11}$	N_{TOT}	N_1	#TSx10^{-3}	p^*	ρ^*	U^*	D_1x10^5	D_2x10^5
0.5	2048	102	60	0.5064	0.0757	-1.19788	100.1324	56.9542
	1372	137	60	0.5062	0.0782	-1.21459	95.2445	58.0472
	864	216	60	0.5080	0.0868	-1.25964	100.3261	53.8740
	864	432	60	0.5058	0.1053	-1.29602	93.8563	55.8823
	864	648	60	0.4998	0.1312	-1.23282	103.4154	55.2719
	1372	1235	60	0.4985	0.1509	-1.08446	107.0000	61.3151
	2048	1946	60	0.4976	0.1580	-1.04599	115.9106	56.7092
1.0	2048	102	60	0.5133	0.0813	-3.43451	84.5192	43.0103
	1372	137	60	0.5163	0.0844	-3.36841	70.8311	41.8577
	864	216	60	0.5095	0.0937	-3.11643	73.3427	41.9707
	864	432	60	0.5240	0.1168	-2.68393	72.8885	41.1131
	864	648	60	0.5418	0.1432	-1.97761	84.3602	45.1909
	1372	1235	60	0.5015	0.1590	-1.41005	99.3228	49.7251
	2048	1946	60	0.5002	0.1626	-1.19450	107.7532	48.2249
1.5	2048	102	60	0.5177	0.0885	-6.13922	63.9380	31.0738
	1372	137	60	0.5243	0.0921	-5.96854	62.5458	31.9294
	864	216	60	0.5404	0.1045	-5.42598	63.4089	29.6867
	864	432	60	0.5514	0.1312	-4.34983	55.0616	31.7748
	864	648	60	0.5195	0.1601	-2.83676	72.7091	37.4769
	1372	1235	60	0.5045	0.1672	-1.69583	94.9457	44.9523
	2048	1946	60	0.5013	0.1666	-1.32059	101.0609	49.8424
2.0	2048	102	60	0.5198	0.0955	-9.26714	43.3200	22.1334
	1372	137	60	0.5159	0.0991	-8.93151	51.7559	22.8297
	864	216	60	0.4769	0.1100	-7.79174	49.0637	23.5291
	864	432	60	0.5498	0.1434	-6.18035	50.5086	22.9338
	864	648	60	0.5075	0.1738	-3.71437	61.6662	32.1590
	1372	1235	60	0.5063	0.1759	-1.99257	85.7312	37.8553
	2048	1946	60	0.5022	0.1705	-1.44352	100.0376	45.5693
3.0	2048	102	60	0.5267	0.1071	-16.40640	27.9467	11.4089
	1372	137	60	0.5010	0.1109	-15.68213	29.7562	11.8001
	864	216	60	0.5017	0.1264	-13.70655	32.8076	12.5515
	864	432	60	0.5168	0.1636	-10.24047	34.1165	14.5701
	864	648	60	0.5257	0.2130	-6.01230	41.7407	17.8995
	1372	1235	60	0.5119	0.1952	-2.62192	74.5946	28.9765
	2048	1946	60	0.5045	0.1783	-1.68603	124.2982	52.9936

$p^* = p\sigma_{11}^3/\epsilon_{11}$, $\rho^* = \rho\sigma_{11}^3$, $U^* = (U-U^{ig})/N\epsilon_{11}$, $T^* = k_BT/\epsilon_{11}$

2.2.1 Radial Distribution Functions

Appendix A contains tables of the radial distribution functions obtained from the simulations as well as the local compositions calculated from eq (2). In addition, Appendix B contains figures which show the radial distribution functions for the state points obtained in this study. These results will be discussed in more detail in sections 3.2.5 and 4.1 of this report.

2.2.2 Direct Correlation Functions

In addition to the radial distribution functions defined above, another correlation function, the direct correlation function, is of great interest in integral-equation fluid theory. Relatively little has been reported for this function for mixtures, so we have attempted to obtain these functions from our simulation results. The direct correlation function, c(r), is defined in terms of the total correlation function, h(r), by the Ornstein-Zernike (OZ) equation [18],

$$h_{ij}(r) = c_{ij}(r) + \sum_k \rho_k \int ds\ c_{ik}(s)\ h_{kj}(|r-s|), \tag{15}$$

where

$$r = |r|, \qquad s = |s|, \qquad \rho_k = x_k \rho,$$

and

$$h_{ij}(r) = g_{ij}(r) - 1. \tag{16}$$

The integration is carried out over all three dimensional space. Physically, the OZ equation describes the fact that the total correlation between particles one and two, h_{12}, arises not only from a direct contribution, c_{12}, but also from an indirect correlation propogated by intermediate particles.

The direct correlation function generally has much shorter range than the radial distribution function - typically it has the same range as the intermolecular potential function [19]. At large r, $c(r) \approx -u(r)/k_BT$. It is also relatively simple in structure compared to the radial distribution function. Figure 1 presents a typical radial distribution function and the

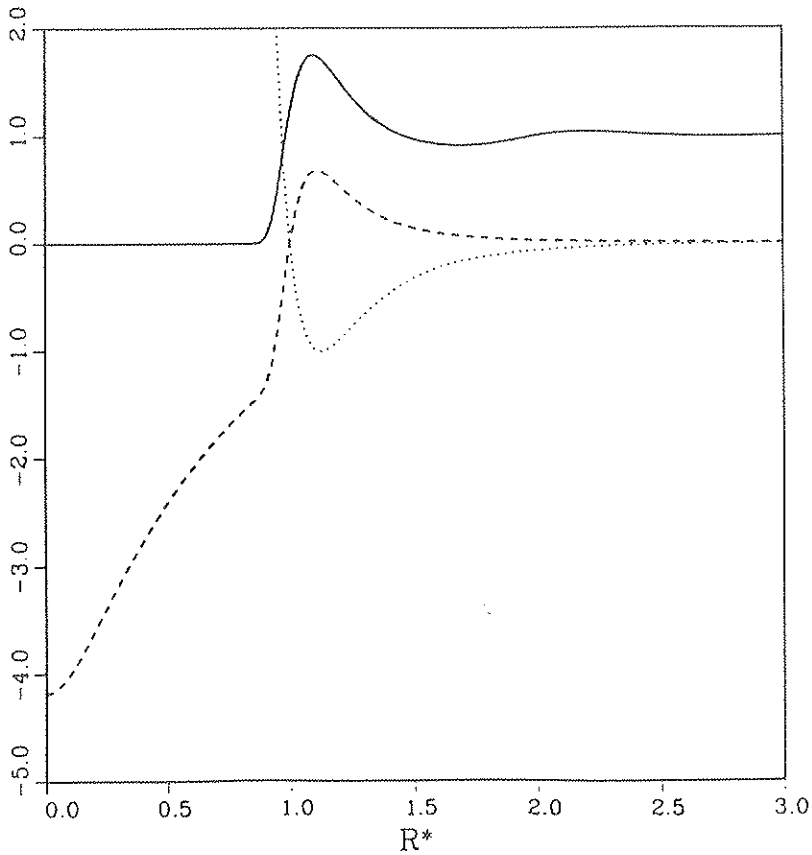


Figure 1. Molecular functions for a Lennard-Jones 6-12 fluid. Radial distribution function, solid line; Direct correlation function, dashed line; Intermolecular potential function, dotted line.

corresponding direct correlation and intermolecular potential functions for a Lennard-Jones 6-12 fluid, giving an idea of typical structure and range for these functions.

In order to obtain the direct correlation functions, the Ornstein-Zernike integral equation must be solved. There are several possible solution methods, as discussed by Watts [20] and Lee [21]. In this work, the objective is to obtain the direct correlation functions from simulation data for the radial distribution functions, which are known only over a finite interval, (typically 0-4 σ_{ij}). Thus it is necessary to use a method which is not sensitive to the nature of the tail of the RDF. Such a method was proposed by Baxter [22,23], whose method is applicable to systems which have direct correlation functions of finite range. It transforms the OZ equation, which involves h(r) over an infinite range, into two integro-differential equations which involve h(r), c(r) and a new function q(r) only over a finite range. Baxter found that

$$rc_{ij}(|r|) = -\frac{dq_{ij}(r)}{dr} + 2\pi \sum_k \rho_k \int_{s_{ki}}^{r_m} dt\, q_{ki}(t) \frac{dq_{kj}(r+t)}{dr} \tag{17}$$

for $s_{ij} \le r \le r_{ij}$ and

$$rh_{ij}(|r|) = -\frac{dq_{ij}(r)}{dr} + 2\pi \sum_k \rho_k \int_{s_{ik}}^{r_{ik}} dt\, q_{ik}(t)(r-t)h_{kj}(|r-t|) \tag{18}$$

for $r \ge s_{ij}$.

In these equations $r_{ij} = (r_i+r_j)/2$, $s_{ij} = (r_i-r_j)/2$, and $r_m = \min(r_{ki}, r_{kj}-r)$. The r_i are range parameters chosen such that $c_{ij}(r) = 0$ for $r > r_{ij}$, and the q_{ij} satisfy the condition $q_{ij}(r) = 0$ for $r \ge r_{ij}$. The only approximation made in this method is that $c_{ij}(r)$ is exactly zero after the cutoff parameter r_{ij}.

The Baxter method can be used to obtain c(r), or to extend the RDF to larger values of r. Dixon and Hutchinson [24] have used Baxter's method to extend radial distribution functions from computer simulations for single component Lennard-Jones fluids. Jolly et al. [25] have used this procedure

to extend simulation RDF's for binary Lennard-Jones mixtures.

The method may also be used within the context of solving the OZ subject to some particular closure relation. In the Percus-Yevick approximation we assume that

$$c^{PY}(r) = f(r)y(r), \tag{19}$$

where f(r) is the Mayer f-function,

$$f(r) = e^{-u(r)/k_BT} - 1,$$

and

$$y(r) = e^{u(r)/k_BT} g(r).$$

For example, Fischer and Lago [26] used Baxter's method to solve the Percus-Yevick equation for binary, softly-repulsive spherical particles, while Ebner et al. [27] used the Baxter technique to solve the Percus-Yevick equation for a pure Lennard-Jones 6-12 fluid.

We have solved the OZ, eq (15) using Baxter's method in order to obtain direct correlation functions for Lennard-Jones 6-12 mixtures using the simulation data for the radial distribution functions. The calculation begins by assuming a starting set of values for dq(r)/dr; these were taken to be the Percus-Yevick solution for a mixture of hard spheres, as given by Baxter [23]. The $q_{ij}(r)$ functions can be found from $dq_{ij}(r)/dr$ using

$$q_{ij}(r) = -\int_r^{r_{ij}} \frac{dq_{ij}(t)}{dt}\, dt. \tag{20}$$

Equation (18) is then solved for the next iterate of $dq_{ij}(r)/dr$, and the procedure repeated until convergence to within some specified tolerance is obtained. In this work, iteration continued until successive iterates of each $dq_{ij}(r)/dr$ at all points in the range of $q_{ij}(r)$ differed by less than 1 part in 10^6, resulting in anywhere from 20-300 iterations. The iteration was stable, and it was not necessary to use a mixing of the successive iterations as suggested by Broyles [28].

Baxter's method requires that the direct correlation functions be exactly zero past the cutoff parameter r_{ij}. In actuality, the direct correlation functions for Lennard-Jones potentials do not go exactly to zero, but only asymptotically approach zero. We chose to use $2.5\sigma_{ij}$ as the cutoff parameter, since the simulations were performed with the Lennard-Jones potential truncated at $2.5\sigma_{ij}$. Integrals were evaluated numerically using Simpson's rule with a grid size of $0.025\sigma_{ij}$. As a test of the method, we compared the direct correlation function obtained from a Percus-Yevick integral equation program by Monson [29] which uses the solution method of Gillan [30] with the direct correlation function computed using the Baxter method. As input to the Baxter program, we used the RDF obtained from the Percus-Yevick integral equation program. In table 4 we compare the resulting direct correlation functions. The agreement is very good; the deviation at the peak of c(r) is on the order of one tenth of one percent.

The direct correlation functions found from the Baxter method using our molecular dynamics simulation data are tabulated in Appendix C. They were found without assuming any type of closure relationship, such as the Percus-Yevick; the only assumption is that c(r) goes to zero at $2.5\sigma_{ij}$. Figures 2-4 show some typical direct correlation functions for three compositions at a reduced temperature of two and equal energy ratios. In these figures the independent variable is r/σ_{ij}.

Figure 5 illustrates the Baxter q functions corresponding to the c(r) given in figure 3. In contrast to c(r) and g(r) which have the symmetry relationships $c_{12}(r) = c_{21}(r)$ and $g_{12}(r) = g_{21}(r)$, the q functions do not have this type of symmetry.

Table 4. Comparison of Direct Correlation Functions for an Equimolar Binary Lennard-Jones 6-12 Mixture Subject to the Percus-Yevick Approximation.

r/σ_{ij}	c_{11}		c_{12}		c_{22}	
	A	B	A	B	A	B
0.100	-4.8772	-4.8762	-3.7754	-3.7705	-13.6049	-13.5955
0.200	-4.5051	-4.5042	-3.9033	-3.8990	-11.8358	-11.8266
0.300	-4.0527	-4.0517	-4.0479	-4.0440	-10.0010	-9.9922
0.400	-3.5980	-3.5970	-4.0314	-4.0278	-8.3248	-8.3169
0.500	-3.1717	-3.1706	-3.7660	-3.7626	-6.8233	-6.8169
0.600	-2.7828	-2.7817	-3.3423	-3.3389	-5.4818	-5.4772
0.700	-2.4330	-2.4319	-2.8631	-2.8599	-4.2926	-4.2901
0.800	-2.1219	-2.1208	-2.3899	-2.3871	-3.2578	-3.2577
0.900	-1.7818	-1.7808	-1.8863	-1.8842	-2.3014	-2.3037
1.000	0.0000	0.0009	0.0000	0.0013	0.0000	-0.0046
1.100	0.8989	0.8998	0.8190	0.8194	0.7648	0.7581
1.200	0.7036	0.7045	0.6010	0.6006	0.5022	0.4934
1.300	0.4377	0.4386	0.3594	0.3581	0.2879	0.2770
1.400	0.2662	0.2672	0.2174	0.2150	0.1823	0.1694
1.500	0.1661	0.1672	0.1397	0.1364	0.1288	0.1144
1.600	0.1076	0.1087	0.0959	0.0917	0.0937	0.0784
1.700	0.0726	0.0735	0.0688	0.0638	0.0687	0.0531
1.800	0.0508	0.0515	0.0501	0.0446	0.0520	0.0364
1.900	0.0367	0.0372	0.0370	0.0312	0.0408	0.0257
2.000	0.0273	0.0275	0.0279	0.0219	0.0322	0.0179
2.100	0.0206	0.0205	0.0216	0.0155	0.0244	0.0113
2.200	0.0157	0.0154	0.0172	0.0111	0.0180	0.0063
2.300	0.0121	0.0116	0.0138	0.0079	0.0134	0.0032
2.400	0.0094	0.0087	0.0110	0.0054	0.0102	0.0015
2.500	0.0075	0.0064	0.0086	0.0035	0.0002	0.0007

$k_B T/\epsilon_{11} = 2.0$, $\rho\sigma_{11}^3 = 0.154$, $\sigma_{22}/\sigma_{11} = 2.0$, and $\epsilon_{22}/\epsilon_{11} = 1.0$

Results in columns labelled A are from the integral equation solution technique of Gillan [30] as implemented in Monson's [29] program. Results labelled B are from Baxter's method.

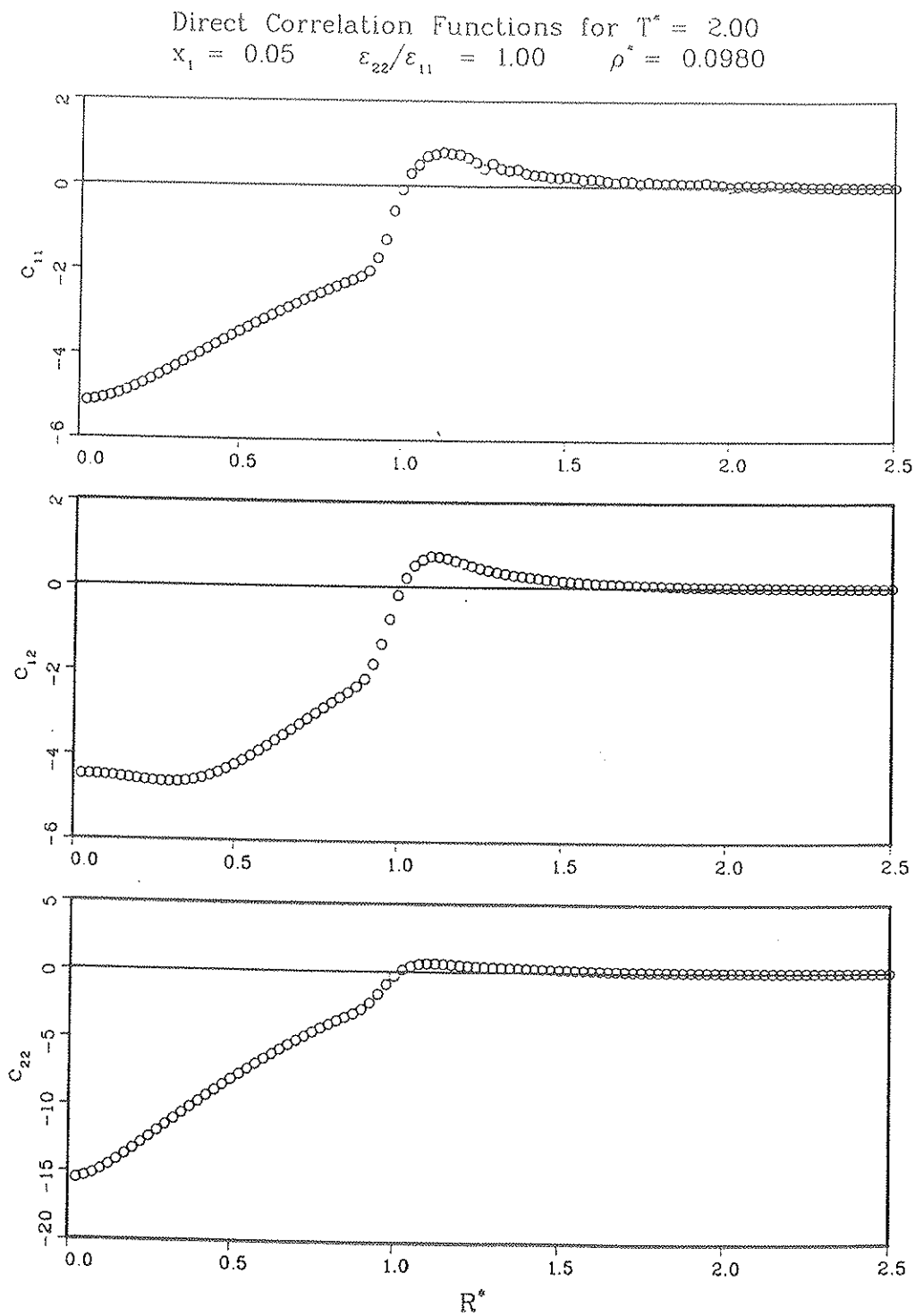


Figure 2. Direct correlation functions, $x_1 = 0.05$

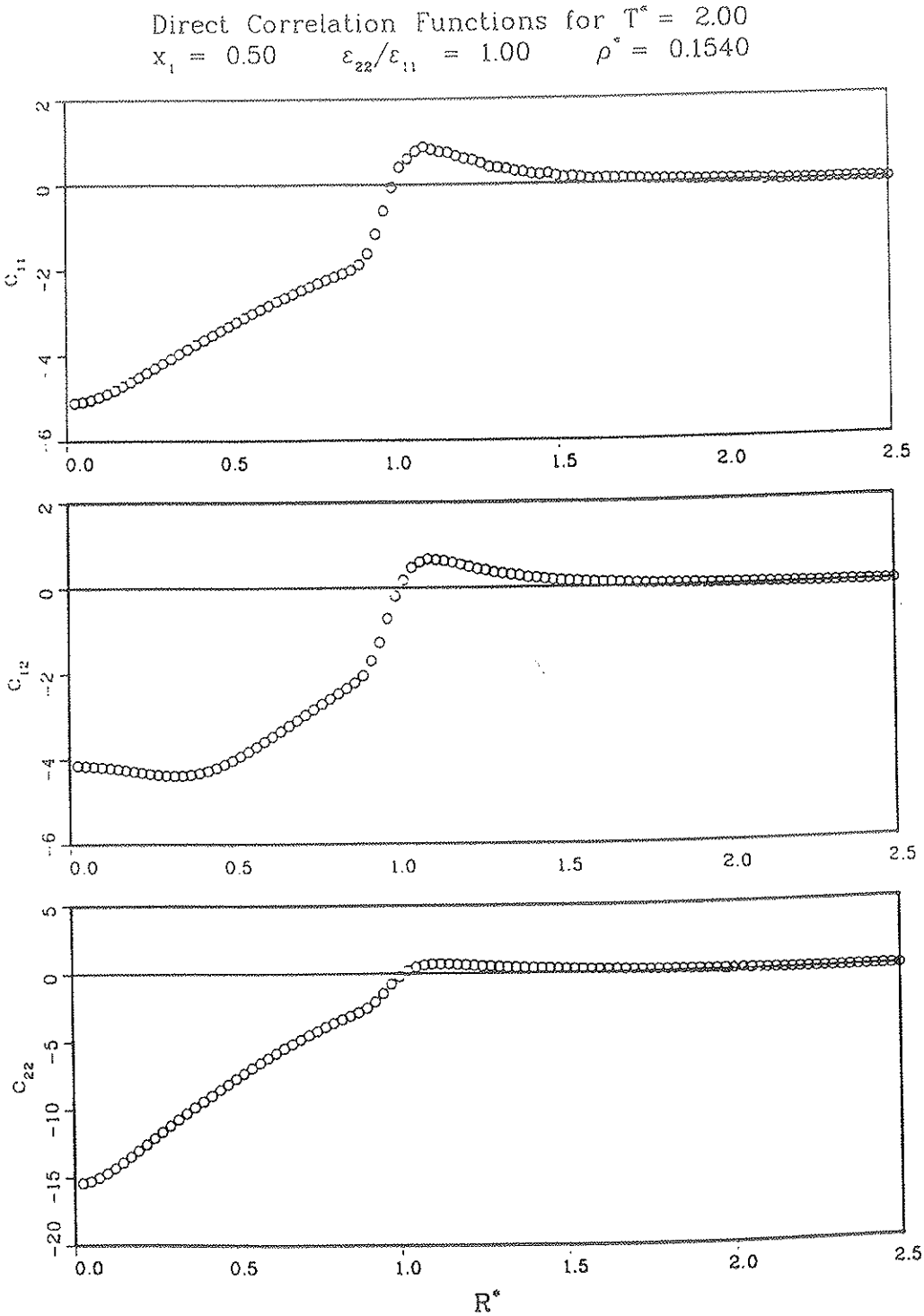


Figure 3. Direct correlation functions, $x_1 = 0.50$

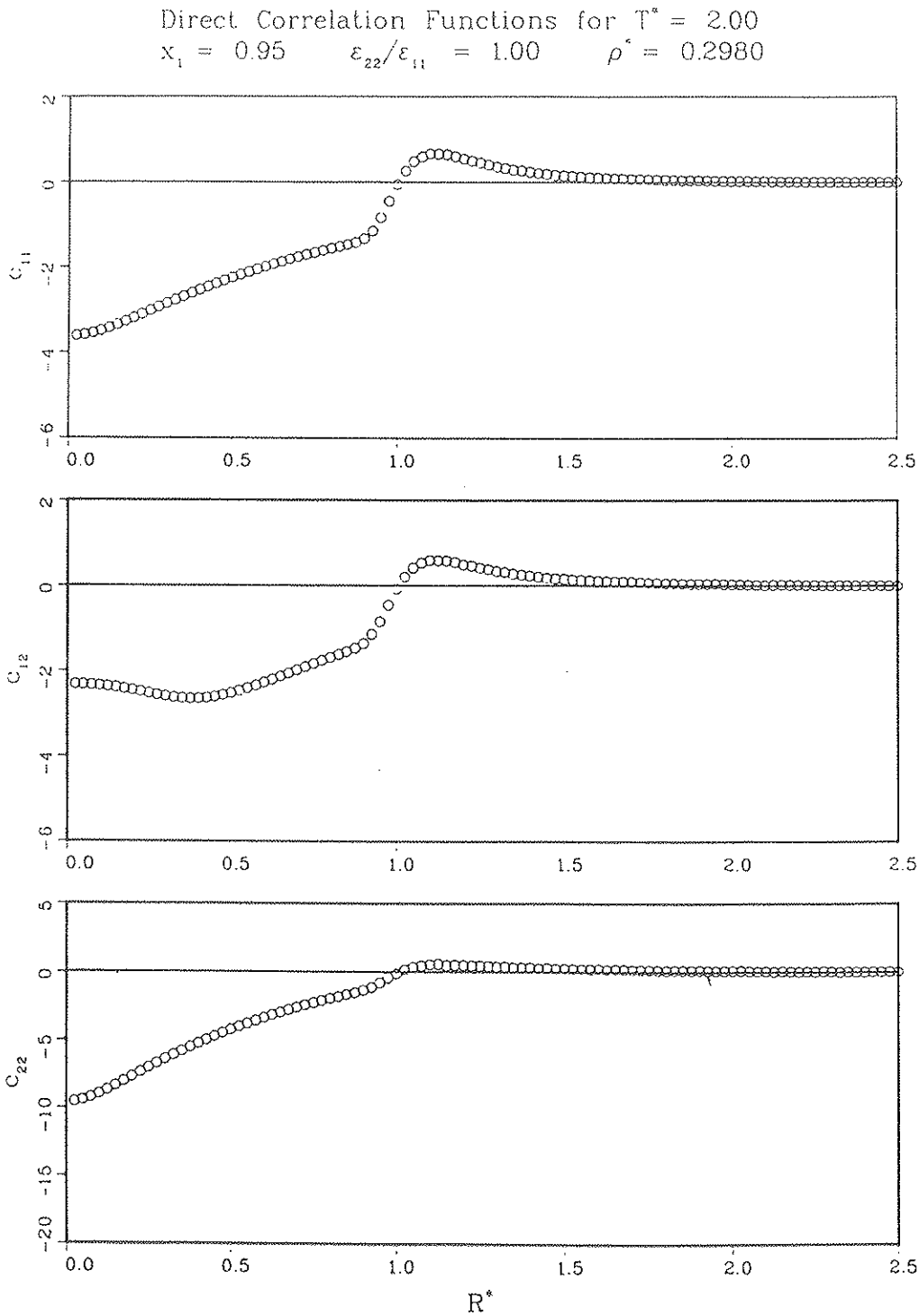


Figure 4. Direct correlation functions, $x_1 = 0.95$

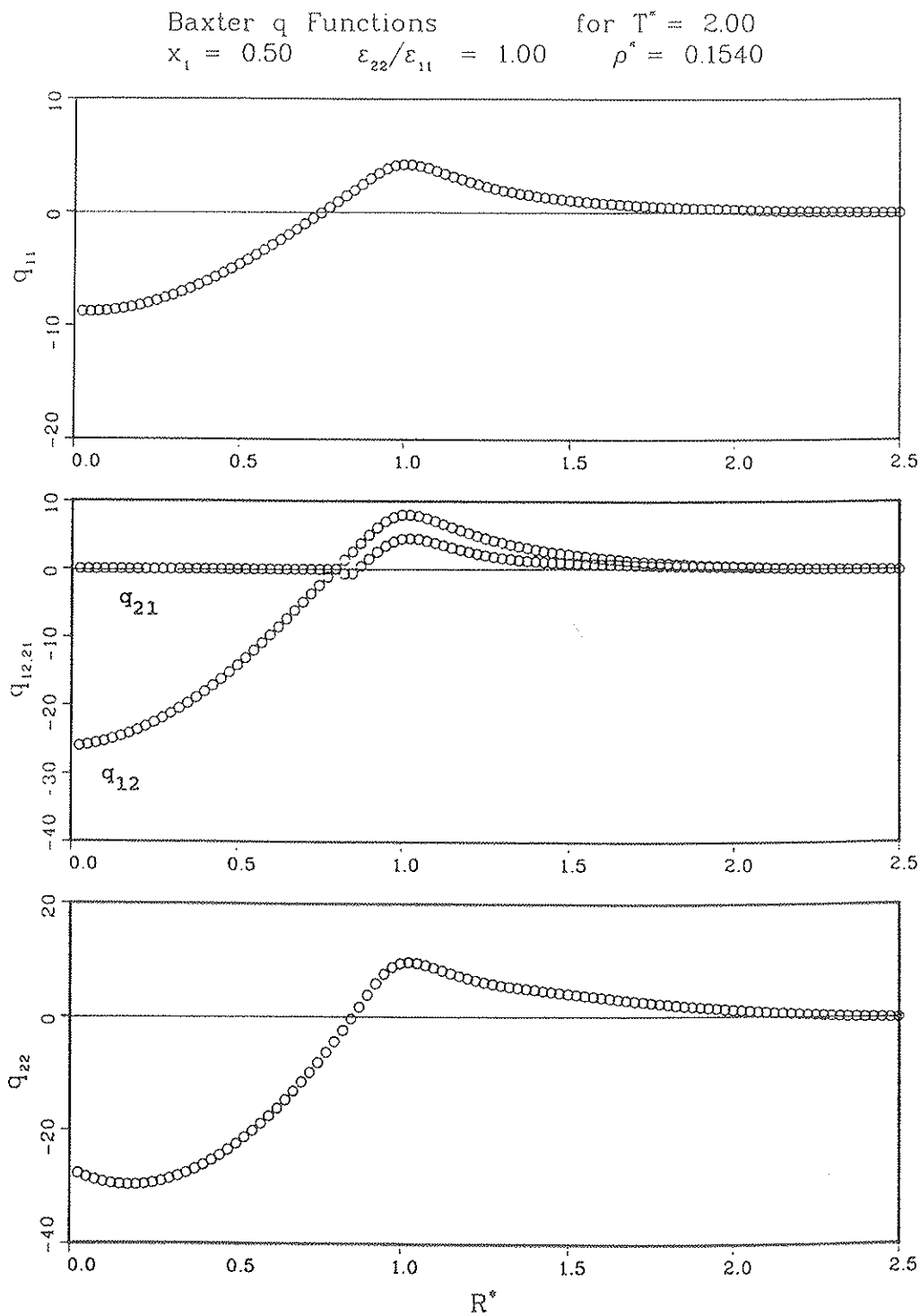


Figure 5. Baxter q function, $x_1 = 0.50$

3.0 Theories of Fluids

In the following sections we present a review of conformal solution theory, as it is applied to both pure fluids and mixtures. We describe the most useful mixture theories currently in use, including the mean density approximation, the van der Waals one-fluid theory, hard sphere expansion theory and Weeks-Chandler-Andersen perturbation theory. We then present a new model which is useful for mixtures containing large size differences.

3.1 Conformal Solution Theories for Pure Fluids

A conformal solution is a system in which all the molecules obey the same reduced intermolecular potential energy function which can be represented as the product of a universal function F of reduced distance and other molecular parameters (such as dipole moments) and an energy parameter. For simple spherically symmetric molecules obeying a two parameter force law, we have

$$u_{ii}(r) = \epsilon_{ii} F(r/\sigma_{ii}). \tag{21}$$

The LJ potential of eq (3) is of this type. For two pure fluids obeying this type of force law, simple scaling arguments for the partition function in the canonical ensemble lead to the conclusion that the fluids' residual Helmholtz free energies A_i^r and compressibility factors Z_i^r are related by the expressions [31]

$$A_i^r(V,T) = f_i A_o^r(V/h_i, T/f_i), \tag{22}$$

and

$$Z_i^r(V,T) = Z_o^r(V/h_i, T/f_i), \tag{23}$$

where the subscript "o" denotes the reference fluid, and the factors f_i and h_i are called equivalent substance reducing ratios. These factors are defined by

$$h_i = (\sigma_{ii}/\sigma_{oo})^3 = V_i^c/V_o^c \quad \text{and} \quad f_i = \epsilon_{ii}/\epsilon_{oo} = T_i^c / T_o^c, \tag{24}$$

where the superscript "c" denotes a critical property. This result demonstrates the concept of corresponding states - the macroscopic

properties of one fluid may be calculated from a knowledge of another, by scaling.

The concept of corresponding states may also be used when the fluids are not conformal. For this situation, Leland and coworkers [32-34] developed an extended corresponding states model where shape factors ϕ_i and θ_i were used to account for nonconformality of the potentials. They used

$$h_i = \frac{V_i^c}{V_o^c} \quad \phi_i(T_{ri}, V_{ri}, \omega_i) \tag{25}$$

and

$$f_i = \frac{T_i^c}{T_o^c} \quad \theta_i(T_{ri}, V_{ri}, \omega_i) \tag{26}$$

where

$$T_{ri} = T/T_i^c \ , \qquad V_{ri} = V/V_i^c$$

where the r denotes a reduced quantity ,the i notation refers to the species and ω_i is the accentric factor. The shape factors are in general functions of both density and temperature. Fisher and Leland [33] fit these shape factors to a generalized mathematical form.

3.2 Mixture Theories

Even though the extended corresponding states theory is essentially exact for pure fluids, the scaling arguments which lead to eqs (22) and (23) are no longer applicable for mixtures - even if the molecules are conformal. One approach to this problem, proposed by Leland and coworkers, involves making direct approximations about the radial distribution functions in mixtures.

The starting equation for Leland's development [32-34] is the rigorous statistical mechanical result for the equation of state of a mixture of pairwise additive, spherically symmetric molecules:

$$Z = 1 - \frac{2\pi\rho}{3k_BT} \sum_i^M \sum_j^M x_i x_j \int_o^\infty \frac{du_{ij}(r)}{dr} g_{ij}(r;\{\rho_k\},T;\{\epsilon_{kl}\},\{\sigma_{kl}\}) r^3 dr. \tag{27}$$

In this equation Z is the compressibility factor pV/RT, u_{ij} is the intermolecular potential whose parameters are σ_{ij} and ϵ_{ij}, and ρ is the number density. In Leland's development, the intermolecular potential is assumed to be a hard sphere term plus a long range attraction F^{LR}, that is,

$$u_{ij}(r) = u_{ij}^{HS}(r) + \epsilon_{ij} F^{LR}(r/\sigma_{ij}) \tag{28}$$

where

$$u_{ij}^{HS} = \infty \qquad r \le \sigma_{ij}$$

$$= 0 \qquad r > \sigma_{ij}.$$

The form of the long range contribution to the potential is immaterial since contributions of this term to the thermodynamic properties will be evaluated with a corresponding states argument.

The next step in Leland's theory is the mean density approximation [1,3,33] for the radial distribution function appearing in eq (27). In the mean density approximation, one assumes that the radial distribution function of the ij pair is identical to that of a pure fluid evaluated at the reduced conditions of the pair and a mean number density. Mathematically,

$$g_{ij}(r;\rho,T;\{x_k\},\{\sigma_{kl}\},\{\epsilon_{kl}\}) = g_o(r/\sigma_{ij};\eta'_{ij};k_BT/\epsilon_{ij}) \tag{29}$$

$$\eta'_{ij} = \pi\rho'_{ij}\sigma_{ij}^3/6$$

where ρ'_{ij} is the mean density for the ij pair. The subscript o denotes a pure fluid distribution function.

Given the pure fluid distribution function, the expansion techniques developed by Kirkwood et al.[35] can be used to express the distribution function of a real fluid in terms of that of a hard sphere fluid, namely

$$g_o(r/\sigma_{ij};\eta'_{ij};k_BT/\epsilon_{ij}) = g_o^{HS}(r/\sigma_{ij};\eta'_{ij})\left[\sum_{n=o}^{\infty}\left[\frac{\epsilon_{ij}}{k_BT}\right]^n \Psi_n(r/\sigma_{ij};\eta'_{ij})\right] \tag{30}$$

where the Ψ_n are complicated integrals over the hard sphere radial distribution function. Substituting these results into eq (27) and scaling the results by σ_{ij} gives for a mixture

$$Z_{mix} - 1 = \sum_{n=o}^{\infty}\left[\frac{\epsilon_{ij}}{k_BT}\right]^n \left[\sum_i^M\sum_j^M x_i\ x_j\ \epsilon_{ij}^n\sigma_{ij}^3 I_n(\eta'_{ij})\right]. \tag{31}$$

The analogous result for a hypothetical pure fluid is

$$Z_x - 1 = \sum_{n=o}^{\infty}\left[\frac{\epsilon_{ij}}{k_BT}\right]^n I_n(\eta_x)\ \epsilon_x^n\ \sigma_x^3. \tag{32}$$

Setting $\eta_x = \eta'_{ij}$ $(= \pi\rho\sigma_x^3/6)$ and subtracting, results in

$$Z_x - Z_{mix} = \sum_{n=o}^{\infty}\left[\frac{\epsilon_{ij}}{k_BT}\right]^n I_n(\rho\sigma_x^3)\left[\epsilon_x^n\sigma_x^3 - \sum_i^M\sum_j^M x_ix_j\ \epsilon_{ij}^n\sigma_{ij}^3\right]. \tag{33}$$

Thus, upon setting $Z_x - Z_{mix} = 0$, we have at our disposal an infinite set of terms (coefficients of $[\epsilon_{ij}/k_BT]^n$) from which we can choose two for the determination of the potential parameters of the hypothetical pure fluid. The properties of this hypothetical pure fluid can then be evaluated from pure fluid corresponding states theory as described above.

3.2.1 Mean Density Approximation n-Fluid Theory

The mean density approximation for radial distribution functions plays a central role in modern corresponding states theories. In particular, the three most accurate mixture corresponding states theories may be obtained using the development outlined above. The easiest of these theories to derive is obtained by using the MDA directly in eq (27). The van der Waals

mixing rule, eq (35), for the size parameter is usually used which results in the mean reduced density for the pair being given by

$$\rho'_{ij}\sigma^3_{ij} = \rho\left[\frac{\sigma_x}{\sigma_{ij}}\right]^3 \sigma^3_{ij} = \rho\sigma^3_x, \tag{34}$$

where

$$\sigma^3_x = \sum_i^M \sum_j^M x_i x_j \, \sigma^3_{ij}. \tag{35}$$

The resulting expression for the equation of state of the fluid is of the n-fluid form

$$Z^r_{MDA}(\rho,T) = \sum_i^M \sum_j^M x_i x_j \left[\frac{\sigma_{ij}}{\sigma_x}\right]^3 Z^r_{ij}(\rho\sigma^3_x, k_B T/\epsilon_{ij}), \tag{36}$$

where Z_{ij} denotes a pure fluid compressibility factor evaluated at the indicated reduced state conditions for the ij pair.

3.2.2 Van der Waals one-Fluid Theory

One of the most commonly used forms of conformal solution theory uses the van der Waals one-fluid (VDW-1) approximation. It is called a one-fluid approximation because the configurational properties of the mixture are approximated by those of a single, hypothetical pure fluid as opposed to the MDA theory which has a separate contribution for each molecular pair. It is also possible to develop VDW theories involving more than one fluid.

There are two methods to derive the VDW-1 model. In the first, the distribution function of a pair in a mixture is written in terms of the radial distribution function of a hypothetical pure fluid with potential size parameter σ_x and energy parameter ϵ_x,

$$g_{ij}(r,\rho,T;\{x_k\},\{\sigma_{kl}\},\{\epsilon_{kl}\}) = g_o(r/\sigma_x, \rho\sigma^3_x, k_B T/\epsilon_x), \tag{37}$$

where the subscript o denotes a pure fluid radial distribution function.

Substitution into eq (27) then yields the equation of state

$$Z^r_{VDW1} = Z^r_o(\rho\sigma_x^3, k_BT/\epsilon_x) \left[\frac{1}{\epsilon_x\sigma_x^3} \sum_i^M \sum_j^M x_i x_j \; \epsilon_{ij}\sigma_{ij}^3 \right]. \tag{38}$$

Setting the term in square brackets equal to one, we obtain the "second" van der Waals mixing rule,

$$\epsilon_x\sigma_x^3 = \sum_i^M \sum_j^M x_i x_j \; \epsilon_{ij}\sigma_{ij}^3, \tag{39}$$

and the van der Waals one-fluid equation of state is

$$Z^r_{VDW1}(\rho,T) = Z^r_o(\rho\sigma_x^3, k_BT/\epsilon_x). \tag{40}$$

Generally in this derivation the van der Waals mixing rule for the size parameter, eq (35), is *assumed*. This assumption is not required by the theory.

In the second derivation of the VDW-1 theory, the first two terms of the expansion eq (33) are set equal to zero and the remaining terms ignored. This procedure gives the VDW-1 model as described above. This derivation, incidentally, shows that the VDW-1 mixing rules are essentially exact to order 1/T. Thus, if a reference fluid equation of state has only linear dependence on the inverse temperature, the van der Waals one-fluid model should be an excellent approximation for the composition dependence of the equation of state.

3.2.3 Hard Sphere Expansion Theory

The hard sphere expansion theory (HSE) [1] is a conformal solution theory which uses the accurately known properties of hard sphere mixtures to model a mixture with a given potential function. It splits the molecular interactions into a repulsive portion and an attractive portion. The contribution from the attractive terms is evaluated by a one-fluid

corresponding states principle using the second two terms of the series eq (33) for mixing rules. The residual compressibility factor for the HSE model is given by

$$Z_{HSE}^{r} = Z_{mix}^{HS,r} - Z_{o}^{HS,r} + Z_{o}^{r}(\rho d_{x}^{3}, k_{B}T/\epsilon_{x}). \tag{41}$$

The repulsive contributions $Z_{mix}^{HS,r}$ and $Z_{o}^{HS,r}$ may be found using hard sphere equations of state such as the Mansoori-Carnahan-Starling-Leland (MCSL) [36] which may be written as

$$Z_{mix}^{HS} = \frac{1}{(1-\eta_m)} + \frac{a_1\eta_m}{(1-\eta_m)^2} + \frac{a_2\eta_m^2(3-\eta_m)}{(1-\eta_m)^3} \tag{42}$$

and the Carnahan-Starling (CS) [37],

$$Z_{o}^{HS} = \frac{1 + \eta_o + \eta_o^2 - \eta_o^3}{(1-\eta_0)^3}, \tag{43}$$

where

$$\eta_i = \pi\rho x_i d_{ii}^3/6, \quad \eta_m = \sum_i^M \eta_i, \quad S_n = \sum_i^M x_i d_{ii}^n, \quad \eta_o = \pi\rho d_x^3/6 \tag{44}$$

$a_1 = 3S_1S_2/S_3$ and $a_2 = S_2^3/S_3^2$.

As mentioned above, the term Z_o^r is found using a one-fluid corresponding states model and the HSE mixing rules,

$$\epsilon_x d_x^3 = \sum_i^M \sum_j^M x_i x_j \epsilon_{ij} d_{ij}^3 \tag{45}$$

and

$$\epsilon_x^2 d_x^3 = \sum_i^M \sum_j^M x_i x_j \epsilon_{ij}^2 d_{ij}^3. \tag{46}$$

It is also necessary to specify the hard sphere diameters, d_{ij}, to be used in the model. Several approaches are available in the literature [38-40]. In this work, we chose the diameter as calculated by the perturbation theory of Weeks, Chandler and Andersen [41], as implemented by Lee and Levesque [42], as discussed in the next section.

3.2.4 Statistical Mechanical Perturbation Theory

Hard sphere perturbation theories express the properties of a given system in terms of an equivalent system of hard spheres, whose properties are well known. The intermolecular potential of the system of interest is expressed as a perturbation applied to a hard sphere system. The method is very powerful and has been used with success. Reviews have appeared periodically [43,44]. Two important theories in this class are the perturbation theory of Barker and Henderson [45] and that of Weeks, Chandler and Andersen [41]. We will limit our discussion to WCA theory, especially the extension of the WCA method to mixtures as done by Lee and Levesque [42]. Recently, Shukla [46] has presented an improved form of first order perturbation theory, which appears to be better than the Lee-Levesque form.

The Lee-Levesque theory is based upon WCA theory and begins by splitting the Lennard-Jones intermolecular potential u_{ij}^{LJ} into a purely repulsive reference portion u_{ij}^{o} and an attractive portion w_{ij} according to

$$u_{ij}^{o}(r) = u_{ij}^{LJ}(r) + \epsilon_{ij} \qquad \text{for } r \le 2^{1/6}\sigma_{ij} \tag{47}$$

$$= 0 \qquad \text{otherwise,}$$

$$w_{ij}(r) = -\epsilon_{ij} \qquad \text{for } r \le 2^{1/6}\sigma_{ij} \tag{48}$$

$$= u_{ij}^{LJ}(r) \qquad \text{otherwise,}$$

where $2^{1/6}\sigma_{ij}$ is the location of the potential minimum for the Lennard-Jones potential. Expanding the configurational Helmholtz energy about the reference potential gives

$$\frac{A^{LJ}}{Nk_BT} = \frac{A^{o}}{Nk_BT} + \frac{2\pi\rho}{Nk_BT} \sum_{i}^{M}\sum_{j}^{M} x_i x_j \int_{o}^{\infty} r^2\, w_{ij}(r)\, g_{ij}^{o}(r)\, dr, \tag{49}$$

where the superscript o refers to the reference system.

The next step is to represent the free energy of the reference system in terms of that of an equivalent system of hard spheres. If the free energy of the reference system is expanded about that of a system of hard spheres, and if the hard sphere diameter is chosen so that

$$\int_{o}^{\infty} r^2 \left[e^{-u_{ij}^{o}(r)/k_BT} - e^{-u_{ij}^{HS}(r)/k_BT} \right] e^{u_{ij}^{HS}(r)/k_BT} g_{ij}^{o}(r/d_{11})\, dr = 0, \tag{50}$$

and if only first order terms are retained, then the configurational free energy of the reference system is simply

$$A^{o} = A^{HS}. \tag{51}$$

This may be evaluated by integrating the hard sphere equation of state developed by Mansoori et al.[36]. The result is

$$\frac{A^{o}}{Nk_BT} = \frac{A^{HS}}{Nk_BT} = (a_2-1)\ \ell n(1-\eta_m) + \frac{a_1\eta_m}{(1-\eta_m)} + \frac{a_2\eta_m}{(1-\eta_m)^2}, \tag{52}$$

where a_1, a_2 and η_m are given in eq (44).

Rather than solve the integral in eq (50) to obtain the hard sphere diameter, Lee and Levesque developed the following approximate analytic method. The Lee-Levesque effective hard sphere diameters are given by

$$d_{ij}^{LL}(\rho,T) = d_{ij}^{BH} \left[1 + \frac{\gamma_{ij}^{(1)} d_{ij}^{LL}(\rho,T)\delta_{ij}^{BH}}{2\gamma_{ij}^{(o)}\ d_{11}} \right], \tag{53}$$

where d_{ij}^{BH} and δ_{ij}^{BH} are temperature dependent (but not density dependent) parameters that arise in Barker-Henderson perturbation theory. The parameters $\gamma_{ij}^{(1)}$ and $\gamma_{ij}^{(o)}$ are functions of $d_{ij}^{LL}(\rho,T)$ which makes an iterative solution of eq (53) necessary.

An extension of the Verlet and Weis [47] approximations for the Barker-

Henderson parameters may be used,

$$d_{ij}^{BH} = \left[\frac{0.3837 + 1.068/T_{ij}^{*}}{0.4293 + 1/T_{ij}^{*}} \right] \sigma_{ij}, \qquad T_{ij}^{*} = \frac{k_B T}{\epsilon_{ij}} , \tag{54}$$

$$\delta_{ij}^{BH} = \frac{1.}{210.21 + 404.6/T_{ij}^{*}} \tag{55}$$

where σ_{ij} and ϵ_{ij} are the Lennard-Jones size and energy potential parameters. The composition dependence of d_{ij} in the WCA comes from the coefficients $\gamma_{ij}^{(o)}$ and $\gamma_{ij}^{(1)}$ which are

$$\gamma_{ij}^{(o)} = g_{ij}^{HS} \Big|_{r=d_{ij}} \tag{56}$$

and

$$\gamma_{ij}^{(1)} d_{ij} / d_{11} = \gamma_{ij}^{(o)} + \frac{dg_{ij}^{PY}}{dr} \Big|_{r=d_{ij}} . \tag{57}$$

For the evaluation of these two parameters it is necessary to have both the value of the hard sphere radial distribution function and its first derivative at contact. For the hard sphere contact value, we use the MCSL value. Using η_m as in eq (44), the contact value is

$$g_{ij}^{MCSL} \Big|_{d_{ij}} = \frac{1}{1-\eta_m} + \frac{3S_2 \hat{d}_{ij}}{2(1-\eta_m)^2} + \frac{3S_2^2 \hat{d}_{ij}^2}{4(1-\eta_m)^3} \tag{58}$$

where the S_n have been defined previously in eq (44) and

$$\hat{d}_{ij} \equiv 2\, d_{ii} d_{jj} / (d_{ii} + d_{jj}) . \tag{59}$$

For the derivative of the hard sphere RDF at contact, it is possible to use the method developed by Grundke and Henderson [48], which involves

expressing the natural logarithm of y(r) as a cubic polynomial in r. This procedure was used by Shukla et al.[49]. We chose instead to follow the Lee-Levesque procedure which expresses the exact hard sphere RDF in terms of the Percus-Yevick solution for hard spheres. The phase of the Percus-Yevick RDF is corrected, according to Verlet-Weis [47], by using an effective density

$$\eta_e = \eta_m - (\eta_m^2/16). \tag{60}$$

This is equivalent to using effective diameters given by

$$d_{eij} = d_{ij}\,(\eta_e/\eta_m)^{1/3} . \tag{61}$$

To bring the Percus-Yevick core values into better agreement with the exact hard sphere RDF, a short-range function is added:

$$g_{ij}^{HS}(r,\eta_m) = g_{ij}^{HS,PY}(r,\eta_e) + (\alpha_{ij}/r)e^{-[\beta_{ij}(r-d_{ij})]}\cos[\beta_{ij}(r-d_{ij})]. \tag{62}$$

The coefficient α_{ij} is chosen to reproduce the MCSL contact value

$$\alpha_{ij}/d_{ij} = g_{ij}^{MCSL}(\eta_m)\Big|_{r=d_{ij}} - g_{ij}^{HS,PY}(\eta_e)\Big|_{r=d_{ij}/d_{eij}}. \tag{63}$$

Because $d_{ij} > d_{eij}$, the value of the PY RDF at a point outside the core is required. The coefficient β_{ij} is chosen empirically according to

$$\beta_{ij}d_{ij} = \frac{24\,\alpha_{ij}/d_{ij}}{\eta_e\, g_{ij}^{HS,PY}(\eta_e)\Big|_{r=d_{eij}}}. \tag{64}$$

The use of eqs (58)-(64) in eq (57) leads to

$$\sigma_{ij}^{(1)}d_{ij}/d_{11} = 2\sigma_{ij}^{(o)} - \alpha_{ij}/d_{ij} - \alpha_{ij}\beta_{ij} + d_{ij}\left.\frac{dg_{ij}^{HS,PY}(\eta_e)}{dr}\right|_{r=d_{ij}}. \tag{65}$$

In order to obtain the derivative at $r = d_{ij}$, a Taylor series expansion is made about the point $r = d_{eij}$ and yields

$$\left.\frac{dg_{ij}^{HS,PY}(\eta_e)}{dr}\right|_{r=d_{ij}} = \left.\frac{dg_{ij}^{HS,PY}(\eta_e)}{dr}\right|_{r=d_{eij}} + (d_{ij}-d_{eij}) \left.\frac{d^2 g_{ij}^{HS,PY}(\eta_e)}{dr^2}\right|_{r=d_{eij}} \tag{66}$$

where higher order terms have not been retained. The derivatives of the Percus-Yevick RDF at d_{eij} need to be evaluated. The Percus-Yevick g(r) could be evaluated using Perram's [50] algorithm and the derivatives computed numerically; however, we have chosen a different approach. Although c(r) and g(r) for hard spheres are discontinuous at contact, the difference between them is continuous and twice differentiable [51] giving

$$\left.\frac{dg_{ij}^{HS}(r)}{dr}\right|_{r=d_{ij}^-} = \left.\frac{-dc_{ij}^{HS}(r)}{dr}\right|_{r=d_{ij}^+} \tag{67}$$

and

$$\left.\frac{d^2 g_{ij}^{HS}(r)}{dr^2}\right|_{r=d_{ij}^-} = \left.\frac{-d^2 c_{ij}^{HS}(r)}{dr^2}\right|_{r=d_{ij}^+} . \tag{68}$$

In our calculations the derivatives of the Percus-Yevick direct correlation functions are found using the solution for binary hard sphere mixtures found by Lebowitz [52], and extended to a general M component mixture by Hoshino [53]. Hoshino gives the direct correlation functions for Percus-Yevick hard spheres as

$$\begin{aligned} -c_{ii}^{HS,PY}(r) &= a_i + b_i r + \xi r^3 && \text{for } r < d_{ii} \\ -c_{ij}^{HS,PY}(r) &= a_i && \text{for } r < \lambda_{ij} \\ &= a_{ij} + b_{ij} r + \xi r^3 + f_{ij}/r && \text{for } \lambda_{ij} < r < d_{ij} \end{aligned} \tag{69}$$

where

$$c_{ij}^{HS,PY}(r) = c_{ji}^{HS,PY}(r), \quad d_{ij} = (d_{ii}+d_{jj})/2, \quad a_{ij} = (a_i+a_j)/2,$$

$$\lambda_{ij} = (d_{ii}-d_{jj})/2, \quad b_{ij} = (b_i+b_j)/2,$$

and the d_{ii} are the hard sphere diameters. The remaining coefficients are found using

$$a_i = [1/(1-\eta_m)] + ad_{ii} + bd_{ii}^2 + \frac{1}{3}\, cd_{ii}^3, \tag{70}$$

$$b_i = -\, a/2 - bd_{ii} - \frac{1}{2}\, cd_{ii}^2,$$

$$\xi = \tfrac{1}{2}\, [\, \zeta_o + 2(3\zeta_1\zeta_2 - \zeta_o\eta_m) + (\zeta_o\eta_m^2 - 6\zeta_1\zeta_2\eta_m + 9\zeta_2^3)\,]\, (1-\eta_m)^{-4}\ ,$$

$$f_{ij} = -\, \frac{1}{8}\, (d_{jj} - d_{ii})^2\, [a + b(d_{ii} + d_{jj}) + \frac{1}{4}\, c(d_{ii} + d_{jj})^2\,],$$

$$a = \frac{3\zeta_2}{(1-\eta_m)^2}\ ,$$

$$b = \frac{3\zeta_1}{(1-\eta_m)^2} + \frac{9\zeta_2^2}{(1-\eta_m)^3}\ ,$$

$$c = \frac{3\zeta_o}{(1-\eta_m)^2} + \frac{18\zeta_1\zeta_2}{(1-\eta_m)^3} + \frac{27\zeta_2^3}{(1-\eta_m)^4}\ ,$$

and

$$\zeta_n = \pi\rho S_n/6$$

along with eq (44). In our computations, since we want a Verlet-Weis "corrected" Percus-Yevick value, we use the effective η_e as given by eq (60).

The computation of the equivalent hard sphere diameters is an iterative process using eq (53). We used the Barker-Henderson diameter as a first guess. Also, we used the arithmetic mean for d_{12}, rather than solve for it independently. Typically 7-10 iterations were necessary to obtain convergence to one part in 10^6.

Once the proper diameter has been obtained, the configurational

Helmholtz free energy is evaluated using (49) and (52). The radial distribution function of the reference system, $g_{ij}^{o}(r)$, which appears in the integral in eq (49) is approximated by Lee and Levesque as

$$g_{ij}^{o}(r) \approx \left[e^{-u_{ij}^{o}(r)/k_B T} \right] y_{ij}^{HS}(r), \tag{71}$$

where

$$y_{ij}^{HS}(r) = \left[e^{-u_{ij}^{HS}(r)/k_B T} \right] g_{ij}^{HS}(r). \tag{72}$$

With diameters chosen according to eq (50) and using the Verlet-Weis correction for the Percus-Yevick hard sphere g(r), eq (49) becomes

$$\frac{A^{LJ}}{Nk_BT} = \frac{A^{o}}{Nk_BT} + \frac{2\pi\rho}{Nk_BT} \sum_i^M \sum_j^M x_i x_j d_{ij}^3 \int_0^\infty (S^*)^2 \, w_{ij}(S^* d_{ij}/\sigma_{ij}) \, g_{ij}^{PY,HS}(S^*, \eta_e) \, dS^* \tag{73}$$

where $S^* = r/d_{ij}$; w_{ij} is given in eq (48). We computed the Percus-Yevick hard sphere RDF's according to Perram's [50] algorithm. Typically, the two terms on the right hand side of eq (73) are of the same order of magnitude, but of opposing signs.

In order to compute thermodynamic properties, we used the thermodynamic relationships

$$\frac{P}{\rho k_B T} = \rho \frac{\partial (A^{con}/Nk_BT)}{\partial \rho} + 1 \tag{74}$$

and

$$\frac{U^{con}}{Nk_BT} = - T \frac{\partial (A^{con}/Nk_BT)}{\partial T} \tag{75}$$

where the superscipt con denotes a configurational quantity and the derivatives were computed numerically using a five-point Lagrange formula. The results of these computations are given in section 4.

3.3 Modified Mean Density Approximation

The MDA, eqs (34)-(36), works well for systems where the molecules are similar in size, for size ratios up to about 1.1 [49]. At larger size ratios the approximation begins to fail. In simulation studies [54] for model Lennard-Jones 6-12 systems with a size ratio equal to two, two major deficiencies of the MDA were found:

1) The MDA consistently underestimates the height of the first neighbor peak in the RDF for the small molecule pair.

and 2) The MDA fails to predict the proper location of the second neighbor peak.

These results are illustrated in figures 6 and 7, which show the RDF's from simulation data and the RDF's predicted with the MDA for LJ mixtures with a size ratio of two. In these figures, $\rho^* = \rho\sigma_{11}^3$, $T^* = k_BT/\epsilon_{11}$ and $R^*_{ij} = r/\sigma_{ij}$. In figure 6 (which has a concentration of 5 percent of the small molecule), the peak height for the small-small pair is significantly underestimated by the MDA. Also, the MDA predicts the second peak to occur at a reduced distance of two, while the simulations place the peak almost at three. This discepancy occurs because the location of the second peak is related to the size of the molecule most likely to be found in between the pair of molecules under observation. In a pure fluid, the molecules are all of the same size and thus the second neighbor peak will always occur at a reduced distance, r/σ, of approximately two. In a mixture, when the concentration of one of the molecules is small, packing effects occur because the molecules have different sizes. For the case of figure 6, the space between two small molecules is most likely to be filled by a large molecule, because these are in the greatest concentration. The second peak of the small-small distribution function then occurs at a reduced distance of $r/\sigma_{11} = (\sigma_{11}+\sigma_{22})/\sigma_{11} = (1+2)/1 = 3$. In figure 7, there is a very large concentration of small molecules, so that the second peak of the large-large pair actually occurs at approximately $r/\sigma_{22} = (\sigma_{11}+\sigma_{22})/\sigma_{22} = (1+2)/2 = 1.5$. Since the MDA uses only pure fluid radial distribution functions, it cannot predict this type of behavior.

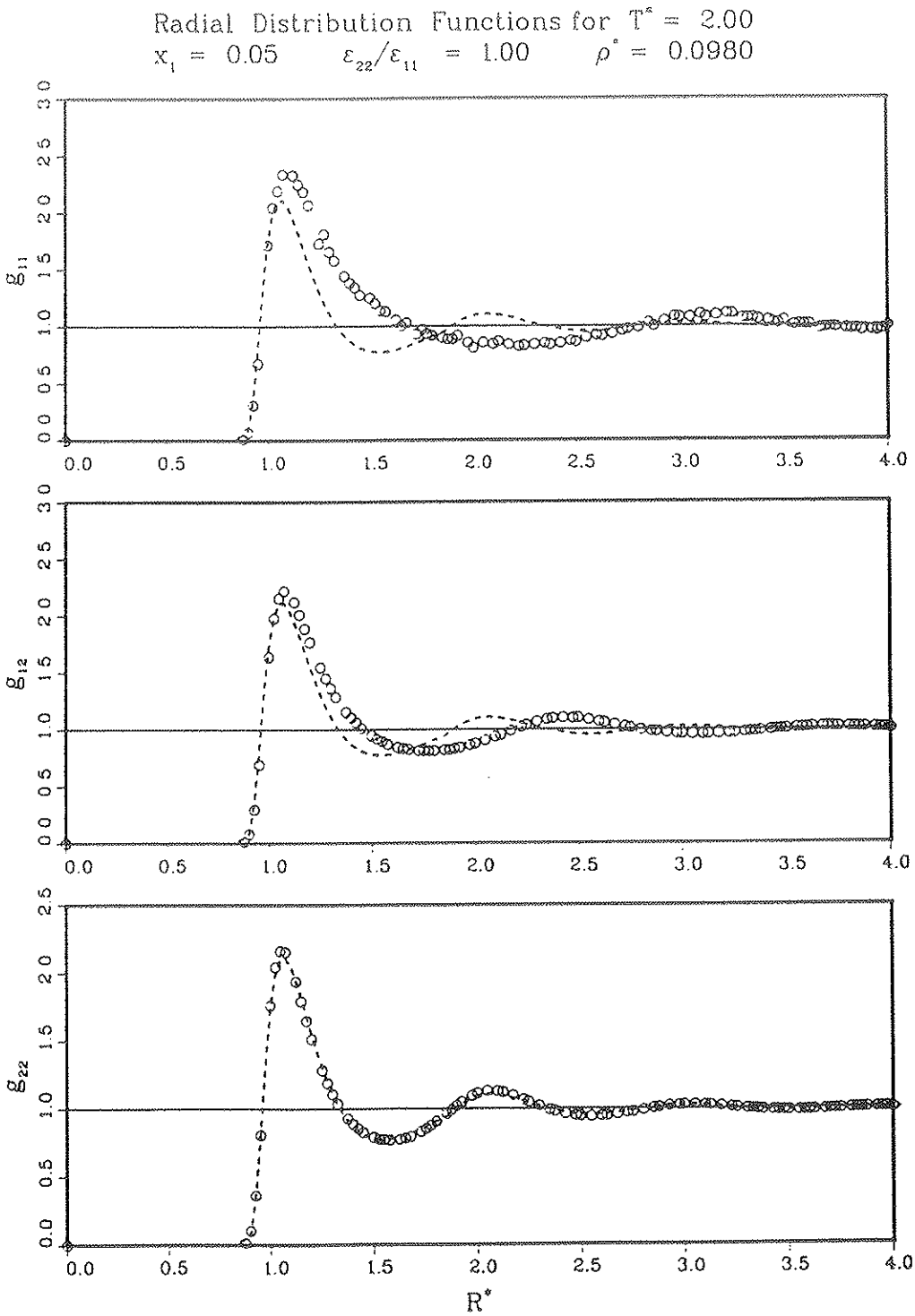


Figure 6. Comparison of simulation and MDA radial distribution functions for x_1 = 0.05. Circles, MD simulation data, this work; Dashed line, MDA.

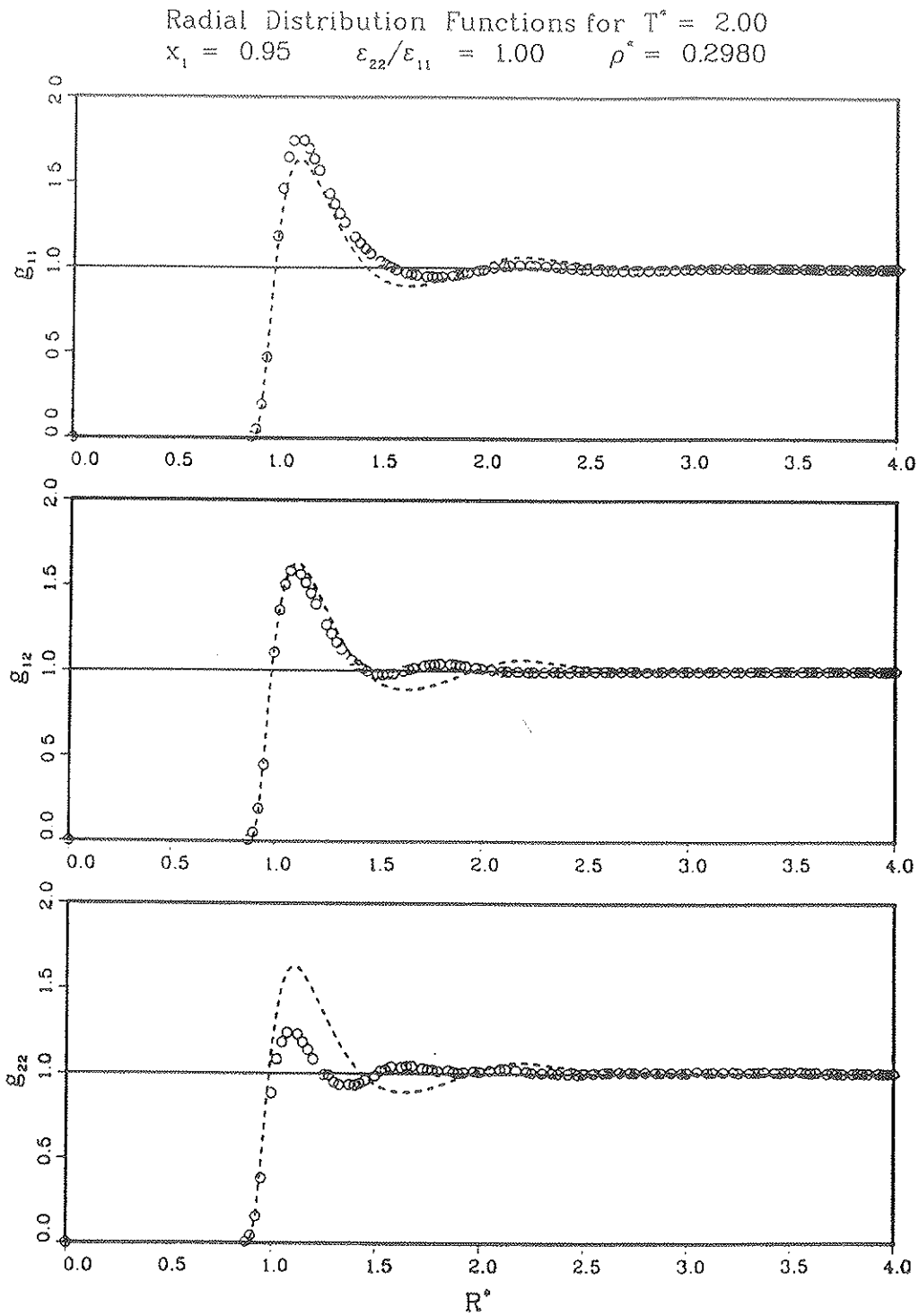


Figure 7. Comparison of simulation and MDA radial distribution functions for x_1 = 0.95. Circles, MD simulation data, this work; Dashed line, MDA.

In our simulation studies, we also observed that the MDA tracks energy effects reasonably well for mixtures possessing differences in energy parameters. This is illustrated in figure 8 which shows the large-large RDF as a function of reduced distance for four different values of the energy ratio. The composition is fixed at $x_1 = 0.75$, the reduced temperature is two, and the size ratio is two for all of the RDF's shown. As illustrated in figure 8, the MDA does a good job of predicting the RDF even when the energy ratio is changed by a factor of four.

Figure 9 shows the deviations between the RDF's of hard sphere mixtures and the RDF's predicted using the MDA for hard spheres. It also shows the deviations between the RDF's of Lennard-Jones mixtures and the RDF's predicted using the MDA for LJ mixtures. The figure demonstrates that hard spheres show essentially the same behavior (excepting the region nearest contact) as Lennard-Jones mixtures. This suggests that the physics of mixtures which are lacking in the MDA are found in a simple mixture of hard spheres. We propose the following correction to the MDA:

$$g_{ij}(r) = g_{ij}^{MDA}(r) + \Delta g_{ij}^{HS}(r), \tag{76}$$

$$\Delta g_{ij}^{HS}(r) = \frac{g_{ij}^{HS}(r) - 1}{g_{ij}^{HS}(\sigma_{ij}) - 1} - \frac{g_o^{HS}(r) - 1}{g_o^{HS}(\sigma_x) - 1} \qquad \text{for } r \geq \sigma_{ij} \tag{77}$$

$$= 0 \qquad \text{for } r < \sigma_{ij}.$$

We scaled the correction term, eq (76), so that it is zero at contact in order to prevent discontinuity in the distribution function at contact. The Percus-Yevick hard sphere contact values, $g_{ij}^{HS}(\sigma_{ij})$ and $g_o^{HS}(\sigma_x)$, are used as the scaling factors. (The Carnahan-Starling [37] and Mansoori-Carnahan-Starling-Leland [36] contact values could also be used). The Percus-Yevick hard sphere contact values were obtained from the Wertheim [55] or Thiele [56] and Lebowitz [52] solutions to the Percus-Yevick equation:

$$g_{ij}^{HS,PY}(\sigma_{ij}) = \frac{1}{(1 - \eta_m)} + \frac{3\chi_m}{(1 - \eta_m)^2} \frac{\sigma_{ii}\sigma_{jj}}{(\sigma_{ii} + \sigma_{jj})} \tag{78}$$

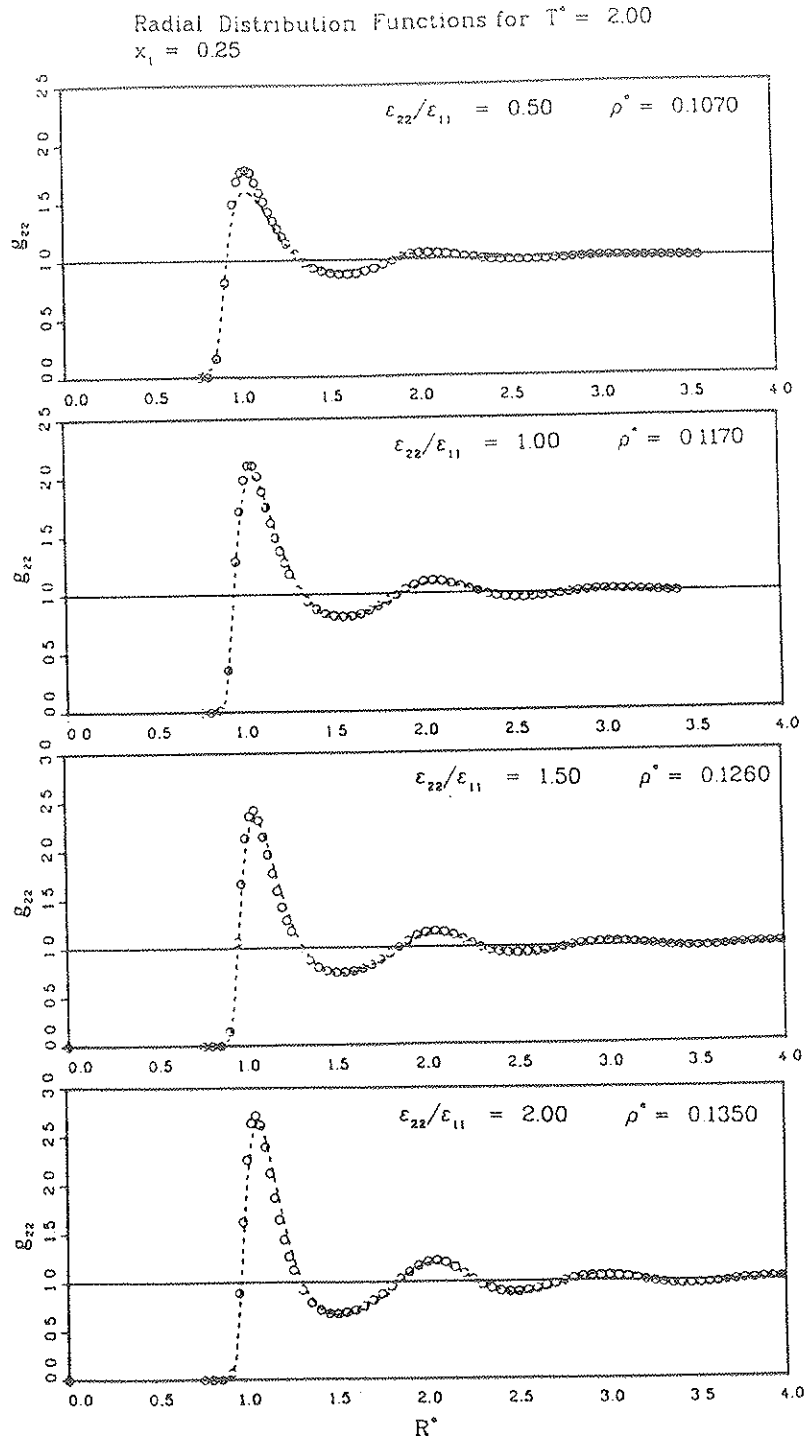


Figure 8. Comparison of 2-2 pair radial distribution function for x_1 = 0.25 at different energy ratios. Circles, MD simulation data, this work; Dashed line, MDA.

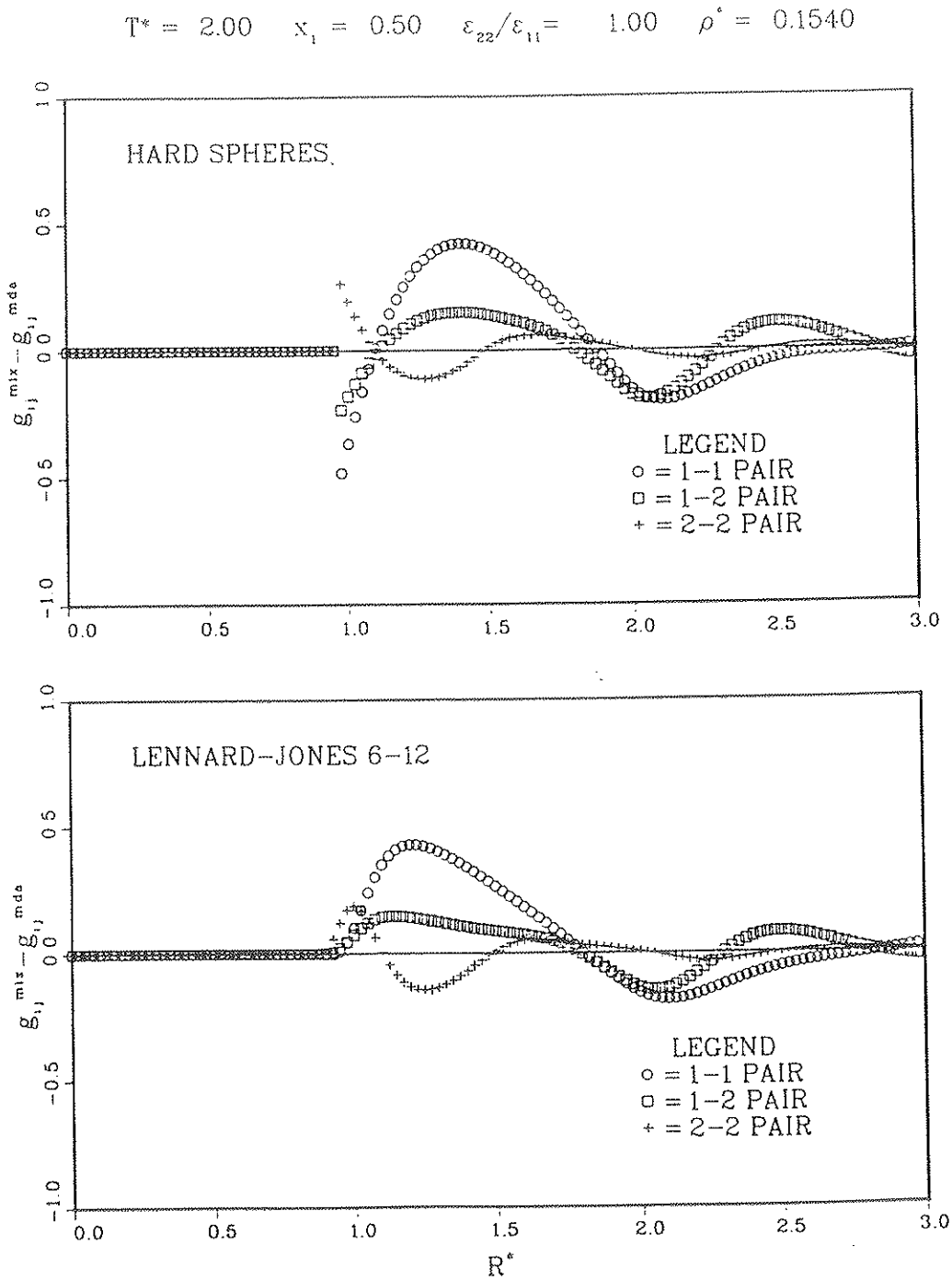


Figure 9. Comparison of $(g^{mix} - g^{mda})$ for Lennard-Jones 6-12 mixtures and hard sphere mixtures.

and

$$g_o^{HS,PY}(\sigma_x) = \frac{1 + \eta_x/2}{(1 - \eta_x)^2} \tag{79}$$

where

$$\eta_m = \pi\rho S_3/6, \qquad \chi_m = \pi\rho S_2/6, \qquad \eta_x = \pi\rho\sigma_x^3/6 \tag{80}$$

and

$$S_n = \sum_i^M x_i \sigma_{ii}^n$$

We also propose an empirical prescription for σ_x, which has the effect of changing the mean density. There are no theoretical reasons that one must use the van der Waals mixing rule, eq (35), for the size parameter. We used the following empirical mixing rule:

$$\sigma_x^3 = \frac{3}{4}\sum_i^M x_i \sigma_{ii}^3 + \frac{1}{4}\sum_i^M \sum_j^M x_i x_j \sigma_{ij}^3 \tag{81}$$

with

$$\sigma_{ij} = (\sigma_{ii} + \sigma_{jj})/2.$$

4.0 Comparisons of the Theories

In this section we compare the results from the modified MDA with simulation results and with the results of the various mixture theories discussed in section 3. First, we examine the radial distribution functions. Then we go on to compare predictions of the pressure, internal energy, and excess properties.

4.1 Radial Distribution Functions

In order to compute the radial distribution function using the MMDA, eqs (76)-(81), we used simulation data for the pure radial distribution functions, (evaluated at the reduced conditions for the ij pair, g_{ij}^{MDA} in eq (76)). An alternative would be to use an explicit equation for the RDF of a Lennard-Jones fluid such as Goldman's [57]. For the hard sphere correction term in eq (76) we used the Percus-Yevick solution for hard sphere RDF's, following the numerical computation scheme of Perram [50].

We computed the RDF's using the MMDA for all of our simulation state points and compare them graphically in Appendix B. The open circles are the results of our MD simulations and the solid line is the MMDA. We found that the radial distribution functions computed with the modified MDA, eqs (76)-(81), agreed well with the simulation data and were in much better agreement with the simulation data than the original MDA. For example, Figures 10 and 11 show the same two mixtures that were presented in figures 6 and 7, but with the modified MDA (MMDA). The modified MDA predicts the first peak height better than the original MDA, and also more correctly represents the "packing " effects of the mixture.

4.2 Equation of State

In order to compute the pressure using the MMDA, we use

$$p = p^{MDA} + \Delta p^{HS} \tag{82}$$

with the pressure equation [58],

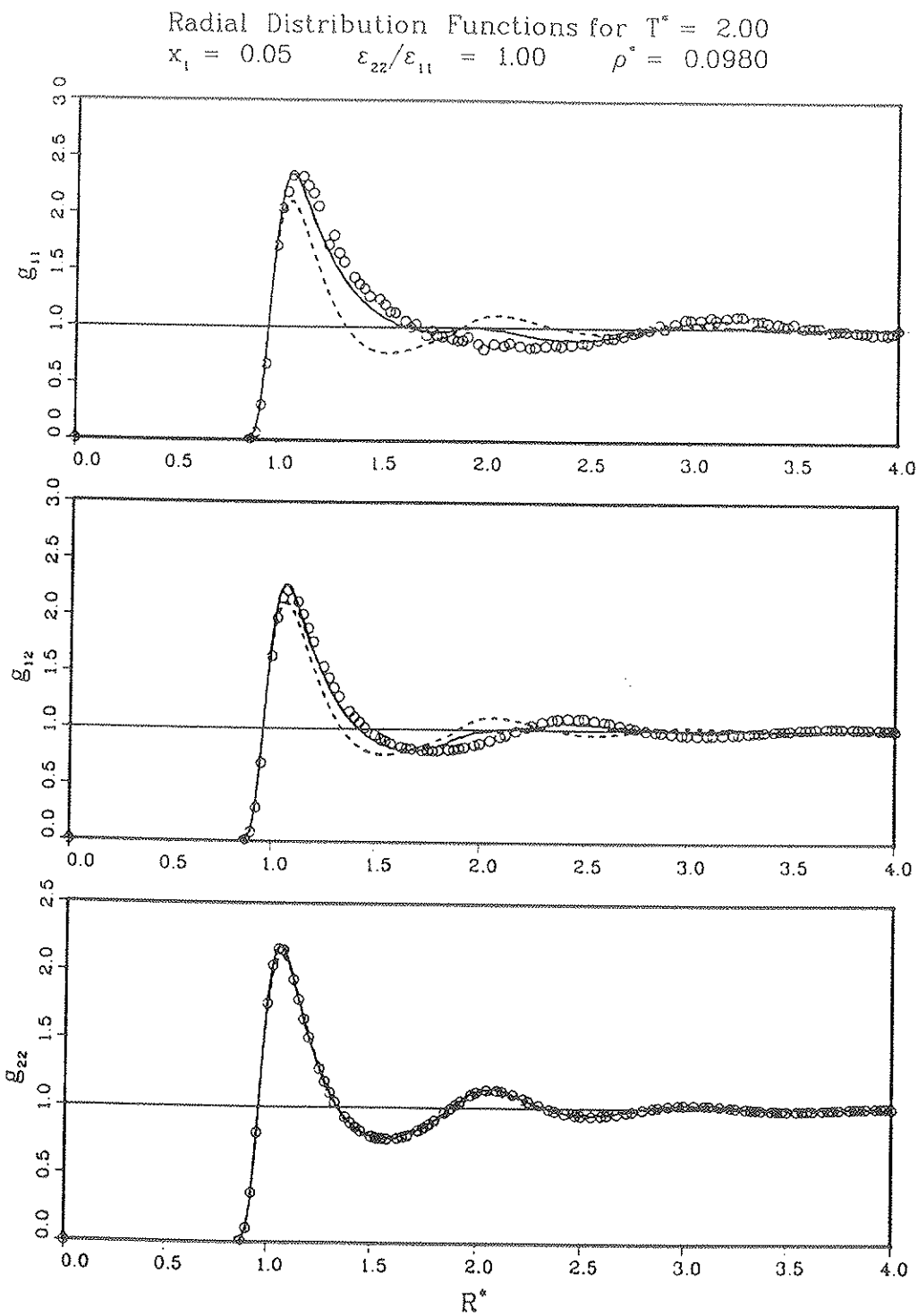


Figure 10. Comparison of simulation and MDA radial distribution functions for x_1 = 0.05. Circles, MD simulation data, this work; Dashed line, MDA; solid line, MMDA.

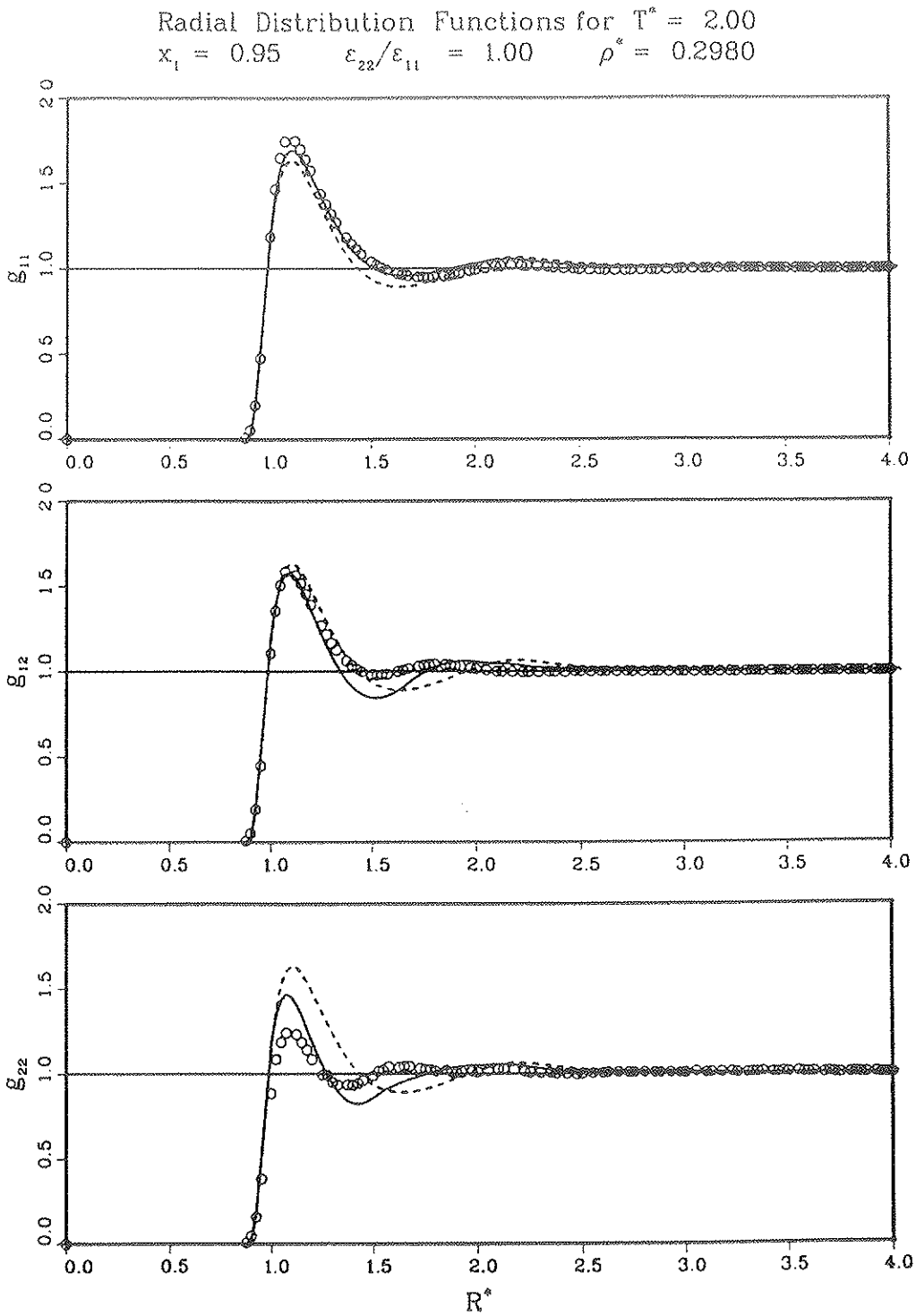


Figure 11. Comparison of simulation and MDA radial distribution functions for x_1 = 0.95. Circles, MD simulation data, this work; Dashed line, MDA; solid line, MMDA.

$$\frac{p}{k_B T} = \rho - \frac{2\pi}{3k_B T} \rho^2 \sum_i^M \sum_j^M x_i x_j \int_0^\infty \frac{du(r)}{dr} g_{ij}(r)\, r^3\, dr \tag{83}$$

so that

$$\Delta p^{HS} = \frac{-2\pi}{3} \rho^2 \sum_i^M \sum_j^M x_i x_j \sigma_{ij}^3 \epsilon_{ij} \int_0^\infty \frac{du^*(R^*)}{dR^*} \Delta g_{ij}^{HS}(R^*)\, [R^*]^3\, dR^* . \tag{84}$$

In this equation R^* is the dimensionless distance r/σ_{ij} and we are using the Lennard-Jones potential, so

$$u^*(R^*) = 4\, [(R^*)^{-12} - (R^*)^{-6}]. \tag{85}$$

We used the Percus-Yevick solution for the hard sphere distribution functions, using the algorithm given by Perram [50]. The trapezoidal rule was used for the integrations, and an upper limit on the integrals was taken as $R^* = 4.0$.

Tables 5-7 show the comparisons of calculated pressures with our molecular dynamics simulation data. The models used in the comparisons are the MMDA, VDW-1, MDA and WCA. The Lee-Levesque WCA perturbation theory was implemented as described in section 3.2.4. The size ratio is two for all data, the energy ratios range from 0.5 to 3.0, and three different temperatures were studied. The use of the MMDA improved the results considerably over the van der Waals one-fluid and the original MDA theory; in some cases the improvement was an order of magnitude. The MMDA also gave results comparable to LL-WCA theory. All of the theories have a bias toward underpredicting the pressure. The poor results of both WCA and MMDA at $T^* = 1$ can be attributed in part to the fact that many of the points in the table are either metastable liquids or may even be solid, as can be seen by observing the radial distribution function plots in Appendix B.

Table 8 shows comparisons of the MMDA pressure with simulation data from Hoheisel et al. [8]. The size ratio ranges from 1.05 to 2.0 and the energy ratio ranges from one to 4.5. The temperature is approximately constant at 200 K. The MMDA gave significant improvement over the MDA and VDW-1 theories for this data set, especially when the size ratio is greater than 1.55. The highest deviations are seen at the highest size and energy

ratios.

Table 9 gives further comparisons of the pressure computed with the MMDA with simulation data and theory. In this table, the values for the simulation data are taken from Hoheisel et al. [8] while the model predictions are taken from Shukla et al. [49]. They use a slightly different form of the WCA perturbation theory, in which the Grundke-Henderson [48] procedure is used to compute the derivatives of y at contact. The MMDA results were superior to VDW-1, MDA and HSE theories. The MMDA was slightly better than WCA perturbation theory at the highest size ratio, while for the lower size ratios WCA was slightly better.

Table 5. Comparison of Predicted and Simulated Pressures for Lennard-Jones Mixtures[1] with $T^* = 1$

$\epsilon_{22}/\epsilon_{11}$	x_1	$\rho\sigma_{11}^3$	P(bar) MD	%error VDW-1	%error MDA	%error MMDA	%error WCA
0.5	0.05	0.1265	216.7	55.3	55.1	60.2	55.9
0.5	0.10	0.1210	224.9	-5.4	-5.6	0.4	-3.1
0.5	0.25	0.1386	213.3	-11.8	-12.5	2.5	-4.6
0.5	0.50	0.1900	220.4	-21.7	-22.8	8.2	-8.9
0.5	0.75	0.3030	219.8	-28.2	-29.8	22.0	-16.9
0.5	0.90	0.4662	175.0	-28.1	-30.1	38.8	-30.9
0.5	0.95	0.5825	199.9	-24.9	-26.6	29.0	-34.6
1.0	0.05	0.1225	238.2	-5.7	-5.7	0.8	0.5
1.0	0.10	0.1265	218.5	-14.6	-14.6	-1.7	-2.3
1.0	0.25	0.1466	213.3	-32.4	-32.4	-1.3	-4.0
1.0	0.50	0.2000	204.6	-56.9	-56.9	3.1	-8.7
1.0	0.75	0.3190	208.4	-71.6	-71.6	17.2	-16.3
1.0	0.90	0.4939	213.2	-60.9	-60.9	28.5	-22.5
1.0	0.95	0.5980	203.1	-45.2	-45.2	23.0	-26.5
1.5	0.05	0.1280	143.1	69.5	69.4	90.7	82.6
1.5	0.10	0.1310	207.5	-29.4	-29.6	-5.2	-6.6
1.5	0.25	0.1520	200.8	-64.9	-65.3	-9.1	-7.7
1.5	0.50	0.2100	220.4	[2]	-100.9	-7.3	-8.2
1.5	0.75	0.3380	276.8	[2]	-105.2	4.2	-8.9
1.5	0.90	0.5080	212.2	-90.1	-91.3	21.5	-10.9
1.5	0.95	0.6125	214.2	-57.4	-58.3	19.1	-12.8
bias,%				-27.6	-35.3	16.4	-4.5
average absolute error,%				40.7	47.1	18.8	17.8

[1] $T^* = k_B T/\epsilon_{11}$, $\epsilon_{11}/k_B = 120$ K, $\sigma_{11} = 0.3405$ nm, $\sigma_{22}/\sigma_{11} = 2.00$

[2] program failed to converge

Table 6. Comparison of Predicted and Simulated Pressures for Lennard-Jones Mixtures[1] with $T^* = 2$

$\epsilon_{22}/\epsilon_{11}$	x_1	$\rho\sigma_{11}^3$	P(bar) MD	%error VDW-1	%error MDA	%error MMDA	%error WCA
0.5	0.05	0.0910	212.9	-2.7	-2.7	-1.6	-0.5
0.5	0.10	0.0945	212.8	-3.5	-3.6	-1.3	-0.7
0.5	0.25	0.1070	213.6	-5.7	-6.1	-0.9	-1.5
0.5	0.50	0.1371	213.7	-7.1	-7.7	-0.4	-2.9
0.5	0.75	0.1901	210.0	-4.1	-4.7	-0.5	-3.8
0.5	0.90	0.2470	207.3	-0.8	-1.1	-1.6	-3.7
0.5	0.95	0.2742	208.0	-0.4	-0.6	-1.9	-3.5
1.0	0.05	0.0979	214.0	-3.9	-3.9	-1.4	-2.9
1.0	0.10	0.1019	213.7	-6.2	-6.2	-1.3	-3.0
1.0	0.25	0.1170	218.7	-12.1	-12.1	-0.9	-3.5
1.0	0.50	0.1530	220.4	-17.3	-17.3	-0.4	-5.0
1.0	0.75	0.2180	218.1	-12.1	-12.1	0.0	-5.7
1.0	0.90	0.2800	214.9	-3.9	-3.9	-1.9	-5.8
1.0	0.95	0.2981	211.9	-1.7	-1.7	-2.1	-4.9
1.5	0.05	0.1050	212.0	-5.8	-5.8	-1.2	-2.9
1.5	0.10	0.1095	212.3	-10.2	-10.3	-1.3	-2.9
1.5	0.25	0.1260	217.5	-21.7	-22.0	-1.7	-3.5
1.5	0.50	0.1650	208.5	-31.3	-31.7	-0.2	-4.4
1.5	0.75	0.2435	228.3	-24.2	-24.7	1.2	-5.1
1.5	0.90	0.3058	213.0	-7.1	-7.3	-2.0	-6.5
1.5	0.95	0.3215	216.6	-3.1	-3.2	-2.5	-6.2
2.0	0.05	0.1113	214.3	-9.7	-9.9	-2.2	-2.7
2.0	0.10	0.1162	215.9	-17.2	-17.6	-2.9	-2.8
2.0	0.25	0.1338	218.0	-35.4	-36.7	-3.8	-3.2
2.0	0.50	0.1772	211.6	-51.1	-52.5	-1.0	-4.2
2.0	0.75	0.2571	201.4	-38.5	-40.2	3.7	-5.8
2.0	0.90	0.3315	214.5	-12.4	-13.2	-2.7	-9.0
2.0	0.95	0.3387	215.0	-4.3	-4.5	-2.8	-7.9
bias,%				-12.6	-13.0	-1.3	-4.1
average absolute error,%				12.6	13.0	1.6	4.1

[1] $T^* = k_B T/\epsilon_{11}$, $\epsilon_{11}/k_B = 120$ K, $\sigma_{11} = 0.3405$ nm, $\sigma_{22}/\sigma_{11} = 2.00$

Table 7. Comparison of Predicted and Simulated Pressures for Lennard-Jones Mixtures[1] with $T^* = 3$

$\epsilon_{22}/\epsilon_{11}$	x_1	$\rho\sigma_{11}^3$	P(bar) MD	%error VDW-1	%error MDA	%error MMDA	%error WCA
0.5	0.05	0.0757	212.5	-2.1	-2.2	-1.6	1.7
0.5	0.10	0.0782	212.4	-2.5	-2.6	-1.4	1.6
0.5	0.25	0.0868	213.2	-3.4	-3.6	-1.3	0.9
0.5	0.50	0.1053	212.2	-3.2	-3.6	-1.2	-0.1
0.5	0.75	0.1312	209.7	-1.4	-1.7	-1.4	-0.5
0.5	0.90	0.1509	209.2	-0.4	-0.6	-1.6	-0.3
0.5	0.95	0.1580	208.8	-0.0	-0.2	-1.0	0.3
1.0	0.05	0.0813	215.4	-3.7	-3.7	-2.6	-2.1
1.0	0.10	0.0844	216.6	-4.6	-4.6	-2.4	-2.0
1.0	0.25	0.0937	213.8	-6.9	-6.9	-2.6	-2.4
1.0	0.50	0.1168	219.9	-7.0	-7.0	-2.1	-2.4
1.0	0.75	0.1432	227.4	-9.7	-9.7	-8.6	-8.4
1.0	0.90	0.1590	210.4	-0.8	-0.8	-1.5	-0.3
1.0	0.95	0.1626	209.9	-0.4	-0.4	-1.2	0.1
1.5	0.05	0.0885	217.2	-4.7	-4.8	-2.6	-3.5
1.5	0.10	0.0921	220.0	-6.8	-6.8	-2.7	-3.4
1.5	0.25	0.1045	226.8	-11.1	-11.2	-2.6	-3.1
1.5	0.50	0.1312	231.4	-12.3	-12.5	-2.7	-3.2
1.5	0.75	0.1601	218.0	-4.3	-4.4	-1.6	-1.9
1.5	0.90	0.1672	211.7	-1.1	-1.2	-1.6	-0.4
1.5	0.95	0.1666	210.4	-0.6	-0.6	-1.1	0.2
2.0	0.05	0.0955	218.1	-6.0	-6.1	-2.3	-4.3
2.0	0.10	0.0991	216.5	-9.4	-9.7	-2.4	-4.1
2.0	0.25	0.1100	200.1	-17.3	-17.9	-3.4	-4.4
2.0	0.50	0.1434	230.7	-19.6	-20.5	-3.1	-3.6
2.0	0.75	0.1738	213.0	-6.3	-6.7	-1.8	-3.1
2.0	0.90	0.1759	212.5	-1.1	-1.4	-1.4	-0.4
2.0	0.95	0.1705	210.7	-0.6	-0.8	-1.1	0.2
3.0	0.05	0.1071	221.0	-9.8	-10.4	-1.7	-3.4
3.0	0.10	0.1109	210.2	-18.9	-20.1	-3.2	-4.2
3.0	0.25	0.1264	210.5	-37.3	-39.7	-4.2	-2.9
3.0	0.50	0.1636	216.9	-44.9	-48.6	-2.3	-1.2
3.0	0.75	0.2130	220.6	-17.4	-19.6	-2.8	-3.8
3.0	0.90	0.1952	214.8	-1.8	-2.6	-1.5	-1.6
3.0	0.95	0.1783	211.7	-0.7	-1.3	-1.2	0.2
bias,%				-7.9	-8.4	-2.2	-1.9
average absolute error,%				7.9	8.4	2.2	2.2

[1] $T^* = k_B T/\epsilon_{11}$, $\epsilon_{11}/k_B = 120$ K, $\sigma_{11} = 0.3405$ nm, $\sigma_{22}/\sigma_{11} = 2.00$

Table 8. Equation of State Comparisons for Binary Equimolar Lennard-Jones Mixtures with Varying Size Ratios[1]

σ_{22}/σ_{11}	$\epsilon_{22}/\epsilon_{11}$	$\rho\sigma_x^3$	T(K)	P(bar) MD	%error VDW-1	%error MDA	%error MMDA	%error WCA
1.05	1.00	0.90000	200.5	4788.0	-0.1	-0.1	0.0	4.2
1.05	1.50	0.90000	201.8	4960.0	0.1	-0.2	-0.1	2.4
1.05	2.50	0.90000	202.4	5045.0	1.9	0.3	0.4	1.5
1.05	3.50	0.90000	203.0	4991.0	4.3	1.0	1.1	1.3
1.05	4.50	0.90000	201.6	4798.0	7.4	2.0	2.2	1.4
1.30	1.50	0.50000	201.1	701.7	-1.6	-1.8	-0.8	1.6
1.30	2.50	0.50000	197.5	619.0	-4.2	-5.3	-4.0	-1.9
1.30	3.50	0.50000	199.5	528.0	-2.7	-5.0	-3.2	-1.1
1.30	4.50	0.50000	201.5	444.0	-2.6	-6.4	-4.1	-2.7
1.30	1.50	0.36241	199.2	392.1	-1.4	-1.5	-1.1	0.5
1.30	4.50	0.36241	203.5	254.9	0.1	-1.9	-0.4	-1.7
1.30	1.50	0.47113	197.6	616.2	-2.5	-2.7	-1.9	0.3
1.30	4.50	0.47113	199.3	381.4	-2.4	-5.7	-3.6	-3.2
1.30	1.50	0.57985	198.7	968.6	-3.1	-3.3	-1.9	0.7
1.30	4.50	0.57985	206.4	680.8	-2.4	-7.2	-4.1	-0.6
1.30	1.50	0.68858	201.3	1531.0	-3.4	-3.6	-1.6	1.1
1.30	4.50	0.68858	202.9	1153.0	-1.1	-6.4	-2.4	1.6
1.55	1.00	0.90000	200.5	2484.0	-6.4	-6.4	0.6	3.5
1.55	1.50	0.90000	200.0	2618.6	-8.0	-8.2	-0.2	1.8
1.55	2.50	0.90000	201.5	2779.9	-9.9	-11.1	-1.4	1.3
1.55	3.50	0.90000	199.8	2771.9	-10.4	-13.0	-1.4	3.3
1.55	4.50	0.90000	203.8	2814.0	-11.5	-15.5	-2.3	3.7
1.80	1.00	0.90000	204.2	1893.0	-10.2	-10.2	1.2	3.8
1.80	1.50	0.90000	202.8	2022.8	-13.0	-13.2	-0.1	1.5
1.80	2.50	0.90000	201.8	2147.0	-15.7	-16.8	-0.7	2.2
1.80	3.50	0.90000	201.1	2223.7	-19.2	-21.4	-2.7	2.4
1.80	4.50	0.90000	206.8	2292.0	-21.1	-24.4	-3.2	4.5
1.80	1.50	0.80000	204.6	1336.0	-10.8	-11.0	0.2	1.8
1.80	2.50	0.80000	197.6	1324.0	-15.4	-16.5	-2.2	0.5
1.80	3.50	0.80000	200.9	1307.0	-17.7	-20.1	-3.0	1.8
1.80	4.50	0.80000	203.4	1264.8	-20.5	-24.4	-4.4	3.0
2.00	1.50	0.42518	198.3	206.8	-5.6	-5.7	-2.2	-0.4
2.00	4.50	0.42518	203.6	109.1	-7.1	-9.3	-2.0	-2.5
2.00	1.50	0.51966	196.0	302.8	-6.6	-6.7	-0.4	1.4
2.00	4.50	0.51966	200.1	174.8	-18.0	-21.4	-7.6	-3.6
2.00	1.50	0.61414	200.3	474.7	-10.0	-10.2	-1.0	0.8
2.00	4.50	0.61414	204.4	321.4	-21.2	-25.0	-4.7	1.7
2.00	1.50	0.70863	199.2	711.0	-12.1	-12.3	-0.1	1.4
2.00	4.50	0.70863	201.5	582.0	-25.2	-28.9	-4.8	3.0

[1] ϵ_{11}/k_B = 34 K, σ_{11} = 0.2850 nm, σ_x from eq (35)
data for MD, VDW-1 and MDA taken from ref[8]

Table 9. Equation of State Comparisons for Binary Equimolar Lennard-Jones Mixtures with Varying Size Ratios[1]

σ_{22}/σ_{11}	$\epsilon_{22}/\epsilon_{11}$	$\rho\sigma_x^3$	%error VDW-1	%error MDA	%error HSE	%error WCA	%error MMDA
1.00	1.50	0.9	-0.2	-0.4	5.8	1.4	-0.3
1.00	2.50	0.9	2.4	0.8	5.6	0.8	2.2
1.00	4.50	0.9	8.2	2.7	5.8	0.8	1.5
1.05	1.50	0.8	-0.5	-0.7	4.6	0.9	-0.1
1.05	2.50	0.8	0.8	-0.7	4.1	-0.1	-2.1
1.05	3.50	0.8	3.7	0.2	4.9	0.3	-1.8
1.05	4.50	0.8	6.1	0.0	4.9	-0.3	-0.5
1.30	1.00	0.9	-2.5	-2.5	4.7	1.3	-1.6
1.30	1.50	0.9	-3.5	-3.8	2.0	1.1	-1.3
1.30	2.50	0.9	-2.7	-4.2	1.5	-1.0	2.1
1.30	3.50	0.9	-2.0	-5.0	1.1	-0.2	-2.3
1.30	4.50	0.9	-1.2	-6.0	0.6	-0.5	-1.1
1.30	1.50	0.8	-3.4	-3.6	2.3	-0.9	0.4
1.30	2.50	0.8	-3.3	-4.8	1.7	-1.1	-0.6
1.30	3.50	0.8	-2.1	-5.4	2.4	-0.9	-0.9
1.30	4.50	0.8	-1.0	-6.3	3.0	-0.8	-2.5
1.30	1.50	0.6886	-3.4	-3.6	2.2	-1.1	-2.3
1.30	4.50	0.5000	-2.5	-6.5	3.2	-4.7	-5.7
1.55	1.50	0.8	-8.2	-8.4	-2.8	-6.1	-1.9
1.55	2.50	0.8	-8.9	-10.2	-3.5	-3.8	1.3
1.55	3.50	0.8	-9.5	-12.3	-3.7	-2.9	-4.9
1.55	4.50	0.8	-9.2	-13.8	-2.9	-0.7	-3.1
2.00	1.00	0.9	-13.7	-13.7	-15.1	-6.8	-1.2
2.00	1.50	0.9	-17.0	-17.2	-27.5	-9.5	0.5
2.00	2.50	0.9	-20.8	-21.8	-16.4	-9.2	-1.2
2.00	3.50	0.9	-25.7	-27.7	-23.3	-8.7	-2.4
2.00	4.50	0.9	-29.5	-32.4	-8.4	-7.5	-4.5
2.00	1.50	0.8	-14.9	-15.1	-12.4	-8.3	-1.1
2.00	2.50	0.8	-19.8	-20.8	-18.0	-9.4	-0.3
2.00	3.50	0.8	-23.2	-25.3	-21.5	-9.0	-4.7
2.00	4.50	0.8	-27.1	-30.5	-25.4	-7.7	-8.1
2.00	1.50	0.7086	-12.2	-12.2	-5.3	-5.1	0.4
2.00	4.50	0.4252	-7.3	-9.1	8.3	-8.3	-6.7
bias,%			-7.7	-9.7	-3.6	-3.3	-1.7
average absolute error,%			9.0	9.9	7.7	3.7	2.2

[1] ϵ_{11}/k_B = 34 K, σ_{11} = 0.2850 nm, σ_x from eq (35)
data for MD from ref[8]; data for HSE, VDW-1 and MDA from [49]

4.3 Internal Energy

The energy equation [58],

$$U = \frac{3}{2} Nk_BT + 2\pi N\rho \sum_i^M \sum_j^M x_i x_j \int_0^\infty u_{ij}(r)\ g_{ij}(r)\ r^2 dr\ . \tag{86}$$

may be used to compute the internal energy using the radial distribution functions. The MMDA hard sphere correction is implemented by

$$U = U^{MDA} + \Delta U^{HS} \tag{87}$$

and

$$\frac{\Delta U^{HS}}{Nk_BT} = \frac{2\pi\rho}{k_BT} \sum_i^M \sum_j^M x_i x_j \epsilon_{ij} \sigma_{ij}^3 \int_0^\infty \Delta g_{ij}^{HS}(R^*)\ u^*(R^*)\ [(R^*)]^2\ dR^*, \tag{88}$$

where the Δg term is given by eq (77), and $u^*(R^*)$ is given in eq (85). The integrations were performed using the trapezoidal rule, with an upper limit chosen as $R^*=4.0$. We again used the Percus-Yevick solution for the hard sphere distribution functions, following the algorithm given by Perram [50].

Tables 10-12 show the residual, dimensionless internal energy, U^r/Nk_BT, computed with the MMDA in comparison to the value found from the molecular dynamics simulation runs and the predictions of VDW-1, MDA and CWA theories. Here the CWA theory is the Lee-Levesque version described in section 3.2.4. Deviations from the simulation values are expressed as percentages, where here we define percent error = 100 (calculated - simulation)/simulation. The MMDA gives slightly better results than the MDA, VDW-1, and CWA. The improvement achieved with the use of MMDA is not as great for the internal energy as it was for the pressure.

Table 10. Comparisons of Model Predictions for the Dimensionless Residual Internal Energy for Lennard-Jones Mixtures[1] at $T^* = 1$

$\epsilon_{22}/\epsilon_{11}$	x_1	$\rho\sigma_{11}^3$	U^r/Nk_BT MD	%error VDW-1	%error MDA	%error MMDA	%error CWA
0.5	0.05	0.1265	-2.542	2.2	2.3	1.4	1.1
0.5	0.10	0.1210	-2.591	-0.1	-0.0	-0.7	-0.8
0.5	0.25	0.1386	-2.732	-1.2	-1.0	-1.9	-1.7
0.5	0.50	0.1900	-3.092	-4.3	-4.0	-4.3	-3.4
0.5	0.75	0.3030	-3.728	-7.7	-7.4	-6.4	-5.4
0.5	0.90	0.4662	-4.372	-6.7	-6.5	-5.1	-4.7
0.5	0.95	0.5825	-4.783	-4.2	-4.1	-3.2	-3.1
1.0	0.05	0.1225	-6.158	0.1	0.1	-0.2	-0.5
1.0	0.10	0.1265	-6.039	0.3	0.3	-0.3	-0.4
1.0	0.25	0.1466	-5.848	-0.0	-0.0	-1.0	-0.7
1.0	0.50	0.2000	-5.570	-1.9	-1.9	-2.6	-1.5
1.0	0.75	0.3190	-5.416	-4.2	-4.2	-4.2	-2.5
1.0	0.90	0.4939	-5.383	-4.0	-4.0	-3.6	-2.2
1.0	0.95	0.5980	-5.342	-2.8	-2.8	-2.4	-1.8
1.5	0.05	0.1280	-10.526	-3.9	-3.9	-4.4	-3.4
1.5	0.10	0.1310	-9.720	0.7	0.7	0.0	1.7
1.5	0.25	0.1520	-9.091	0.5	0.5	-0.5	0.6
1.5	0.50	0.2100	-8.113	[2]	-0.9	-2.0	-0.2
1.5	0.75	0.3380	-7.110	[2]	-2.6	-3.4	-1.1
1.5	0.90	0.5080	-6.208	-2.9	-3.0	-3.0	-1.5
1.5	0.95	0.6125	-5.836	-2.2	-2.2	-2.1	-1.3
bias,%				-2.2	-2.1	-2.4	-1.6
average absolute error,%				2.6	2.5	2.5	1.9

[1] $T^* = k_BT/\epsilon_{11}$, $\epsilon_{11}/k_B = 120$ K, $\sigma_{11} = 0.3405$ nm, $\sigma_{22}/\sigma_{11} = 2.00$

[2] convergence failure in program

Table 11. Comparisons of Model Predictions for the Dimensionless Residual Internal Energy for Lennard-Jones Mixtures[1] at $T^* = 2$

$\epsilon_{22}/\epsilon_{11}$	x_1	$\rho\sigma_{11}^3$	U^r/Nk_BT MD	%error VDW-1	%error MDA	%error MMDA	%error CWA
0.5	0.05	0.0910	-0.848	0.5	0.5	0.4	8.9
0.5	0.10	0.0945	-0.861	0.4	0.4	0.2	6.5
0.5	0.25	0.1070	-0.899	-0.4	-0.4	-0.1	4.5
0.5	0.50	0.1371	-0.959	-2.6	-2.6	-0.6	1.0
0.5	0.75	0.1901	-1.005	-4.6	-4.6	-1.1	-3.3
0.5	0.90	0.2470	-1.008	-3.7	-3.7	-0.8	-6.5
0.5	0.95	0.2742	-0.999	-2.3	-2.3	-0.4	-7.5
1.0	0.05	0.0979	-2.247	-0.2	-0.2	-0.3	-1.3
1.0	0.10	0.1019	-2.212	-0.3	-0.3	-0.4	-0.5
1.0	0.25	0.1170	-2.116	-0.8	-0.8	-0.9	-1.3
1.0	0.50	0.1530	-1.920	-2.3	-2.3	-1.5	-2.1
1.0	0.75	0.2180	-1.653	-3.8	-3.8	-1.7	-3.5
1.0	0.90	0.2800	-1.361	-3.2	-3.2	-1.2	-5.4
1.0	0.95	0.2981	-1.193	-1.8	-1.8	-0.5	-6.6
1.5	0.05	0.1050	-3.851	0.4	0.4	0.2	-0.3
1.5	0.10	0.1095	-3.779	-0.2	-0.2	-0.5	-1.0
1.5	0.25	0.1260	-3.491	-0.5	-0.5	-0.9	-1.2
1.5	0.50	0.1650	-2.941	-1.7	-1.7	-1.6	-1.8
1.5	0.75	0.2435	-2.340	-3.1	-3.1	-1.9	-2.7
1.5	0.90	0.3058	-1.685	-2.6	-2.6	-1.4	-4.5
1.5	0.95	0.3215	-1.381	-1.5	-1.5	-0.7	-5.7
2.0	0.05	0.1113	-5.680	0.0	0.0	-0.2	-0.4
2.0	0.10	0.1162	-5.510	0.1	0.1	-0.2	-0.4
2.0	0.25	0.1338	-4.993	-0.1	-0.1	-0.7	-0.4
2.0	0.50	0.1772	-4.063	-1.0	-1.0	-1.5	-1.0
2.0	0.75	0.2571	-2.958	-2.3	-2.3	-1.8	-1.8
2.0	0.90	0.3315	-2.019	-2.1	-2.1	-1.3	-3.4
2.0	0.95	0.3387	-1.545	-1.2	-1.2	-0.7	-5.2
bias,%				-1.6	-1.5	-0.8	-1.7
average absolute error,%				1.7	1.6	0.8	3.2

[1] $T^* = k_BT/\epsilon_{11}$, $\epsilon_{11}/k_B = 120$ K, $\sigma_{11} = 0.3405$ nm, $\sigma_{22}/\sigma_{11} = 2.00$

Table 12. Comparisons of Model Predictions for the Dimensionless Residual Internal Energy for Lennard-Jones Mixtures[1] at $T^* = 3$

$\epsilon_{22}/\epsilon_{11}$	x_1	$\rho\sigma_{11}^3$	U^r/Nk_BT MD	%error VDW-1	%error MDA	%error MMDA	%error CWA
0.5	0.05	0.0757	-0.399	-2.1	-2.1	-2.0	20.7
0.5	0.10	0.0782	-0.405	-2.2	-2.2	-1.9	19.1
0.5	0.25	0.0868	-0.420	-2.8	-2.7	-1.6	14.7
0.5	0.50	0.1053	-0.432	-4.1	-4.1	-1.0	7.5
0.5	0.75	0.1312	-0.411	-4.1	-4.2	0.3	0.1
0.5	0.90	0.1509	-0.361	-0.1	-0.1	3.5	-3.0
0.5	0.95	0.1580	-0.349	-1.3	-1.3	1.0	-7.4
1.0	0.05	0.0813	-1.145	0.2	0.2	0.2	1.9
1.0	0.10	0.0844	-1.123	0.2	0.2	0.2	0.9
1.0	0.25	0.0937	-1.039	-0.3	-0.3	0.1	-0.1
1.0	0.50	0.1168	-0.895	-1.5	-1.5	0.0	-1.0
1.0	0.75	0.1432	-0.659	-1.9	-1.9	0.6	-3.8
1.0	0.90	0.1590	-0.470	-1.0	-1.0	1.2	-6.8
1.0	0.95	0.1626	-0.398	-0.5	-0.5	1.0	-8.2
1.5	0.05	0.0885	-2.046	-0.2	-0.2	-0.2	-1.0
1.5	0.10	0.0921	-1.990	-0.3	-0.3	-0.4	-1.2
1.5	0.25	0.1045	-1.809	-0.7	-0.6	-0.6	-1.4
1.5	0.50	0.1312	-1.450	-1.6	-1.6	-0.7	-2.0
1.5	0.75	0.1601	-0.946	-1.8	-1.7	-0.2	-4.3
1.5	0.90	0.1672	-0.565	-0.6	-0.5	0.9	-7.4
1.5	0.95	0.1666	-0.440	-0.1	0.0	0.9	-8.6
2.0	0.05	0.0955	-3.089	-0.3	-0.3	-0.4	-0.6
2.0	0.10	0.0991	-2.977	-0.4	-0.3	-0.5	-1.2
2.0	0.25	0.1100	-2.597	-0.7	-0.5	-0.6	-1.2
2.0	0.50	0.1434	-2.060	-1.6	-1.3	-0.9	-1.7
2.0	0.75	0.1738	-1.238	-1.9	-1.3	-0.6	-3.9
2.0	0.90	0.1759	-0.664	-0.9	-0.4	0.3	-7.9
2.0	0.95	0.1705	-0.481	-0.3	0.0	0.6	-9.1
3.0	0.05	0.1071	-5.469	0.0	0.0	-0.1	-0.3
3.0	0.10	0.1109	-5.227	0.0	0.1	-0.2	-0.4
3.0	0.25	0.1264	-4.569	-0.1	0.1	-0.5	-0.5
3.0	0.50	0.1636	-3.413	-1.0	-0.3	-0.8	-0.8
3.0	0.75	0.2130	-2.004	-2.1	-0.7	-0.7	-2.1
3.0	0.90	0.1952	-0.874	-1.4	0.8	0.5	-8.1
3.0	0.95	0.1783	-0.562	-1.2	0.3	0.2	-10.3
bias,%				-1.1	-0.9	-0.1	
average absolute error,%				1.1	1.0	0.7	

[1] $T^* = k_BT/\epsilon_{11}$, $\epsilon_{11}/k_B = 120$ K, $\sigma_{11} = 0.3405$ nm, $\sigma_{22}/\sigma_{11} = 2.00$

4.4 Excess Properties

In order to further test the new MDA model, conformal solution calculations for excess properties were performed. A Lennard-Jones 6-12 reference fluid was used (with the 32 term BWR type equation of state of Nicolas et al.[59]). Calculations were made using the VDW-1, MDA and MMDA models. Unless stated otherwise, the mixing was performed at constant pressure,

$$X^E(T,p,\{x_i\}) = X^{mix}(T,p,\{x_i\}) - \sum_i^M x_i X_i(p,T) \tag{89}$$

where X^E is any excess property and X_i denotes a pure fluid value of that property. In all computations the Lorentz-Berthelot combining rules, eq (4)-(5) were used for the unlike pair potentials.

Table 13 shows a comparison of the predicted excess volume and excess enthalpy and the Monte Carlo (MC) simulation data from Singer and Singer [5], as well the MDA and VDW-1 predictions. Singer and Singer's data are for equimolar mixtures of relatively small size ratios, 1.00-1.2727, and energy ratios of 0.656-1.235 for two temperatures. For equally sized particles, the MMDA reduces to the MDA. In general, as the size ratio increases the MMDA shows improvements over both VDW-1 and MDA theories for both excess volume and enthalpy, particularly when the energy ratio is also high. It is not clear why the MMDA does not do as well as MDA or VDW-1 for some of the points with energy ratio of 0.656.

Table 14 compares excess volume predictions to the data of Gupta [9], covering a range of size ratios and compositions at equal energy ratios. The excess volumes are quite small. For the largest size ratio, the MMDA offers significant improvement over VDW-1, which tends to give a much too large, negative number for the excess volume. The MDA theory also gives better results than the VDW-1 for these data.

Table 15 compares selected points from simulations of Hoheisel et al. [8] with conformal solution models. Hoheisel et al. estimate the isochoric excess internal energy from the simulation data is accurate to ± 20 J/mol. Although the MMDA does not give results within the experimental error, it does give a better approximation than MDA or VDW-1. For isobaric excess internal energy, excepting the point at p=3551 bar, the MMDA also gives the best predictions. The excess volume comparisons show the MMDA to give the best approximation as well, but not within experimental accuracy (estimated as ±0.1 cm^3/mol [8]).

Table 13. Comparison of Predicted Excess Properties with Monte Carlo Simulation Results[1] for Binary Equimolar Lennard-Jones Mixtures

σ_{22}/σ_{11}	$\epsilon_{22}/\epsilon_{11}$	model	V^E (cm^3/mol) 97 K	V^E (cm^3/mol) 117 K	H^E/Nk_BT 97 K	H^E/Nk_BT 117 K
1.000	0.656	MC	-0.89	-1.66	0.15	0.12
		VDW-1	-0.92	-1.77	0.11	0.09
		MDA	-0.90	-1.61	0.11	0.08
		MMDA	-0.90	-1.61	0.11	0.08
1.000	1.000	MC	0.00	0.00	0.00	0.00
		VDW-1	0.00	0.00	0.00	0.00
		MDA	0.00	0.00	0.00	0.00
		MMDA	0.00	0.00	0.00	0.00
1.000	1.524	MC	-0.96	-1.72	0.04	0.08
		VDW-1	-0.92	-1.77	0.11	0.09
		MDA	-0.90	-1.61	0.11	0.08
		MMDA	-0.90	-1.61	0.11	0.08
1.0619	0.656	MC	-1.08	-2.02	0.24	0.19
		VDW-1	-1.11	-2.08	0.23	0.19
		MDA	-1.09	-1.91	0.23	0.18
		MMDA	-1.06	-1.88	0.23	0.18
1.0619	1.000	MC	0.01	-0.02	0.01	0.00
		VDW-1	-0.05	-0.05	0.00	0.00
		MDA	-0.05	-0.05	0.00	0.00
		MMDA	-0.01	-0.01	0.00	0.00
1.0619	1.524	MC	-0.80	-1.43	-0.01	0.00
		VDW-1	-0.81	-1.58	0.00	-0.01
		MDA	-0.81	-1.42	0.00	-0.01
		MMDA	-0.77	-1.38	0.01	0.00
1.1277	0.656	MC	-1.29	-2.43	0.34	0.26
		VDW-1	-1.39	-2.48	0.35	0.29
		MDA	-1.37	-2.30	0.35	0.28
		MMDA	-1.25	-2.17	0.37	0.29
1.1277	1.000	MC	0.02	-0.05	0.03	0.01
		VDW-1	-0.18	-0.20	0.00	0.00
		MDA	-0.18	-0.20	0.00	0.00
		MMDA	-0.05	-0.05	0.03	0.02
1.1277	1.524	MC	-0.68	-1.18	-0.10	-0.07
		VDW-1	-0.81	-1.48	-0.12	-0.11
		MDA	-0.80	-1.33	-0.12	-0.11
		MMDA	-0.66	-1.18	-0.08	-0.08

[1] ϵ_{12}/k_B = 133.5 K, σ_{12} = 0.3596 nm with Lorentz-Berthelot combining rules and P = 0; simulation data from ref [5].

Table 13 (continued). Comparison of Predicted Excess Properties with Monte Carlo Simulation Results for Binary Equimolar Lennard-Jones Mixtures

σ_{22}/σ_{11}	$\epsilon_{22}/\epsilon_{11}$	model	V^E (cm^3/mol) 97 K	V^E (cm^3/mol) 117 K	H^E/Nk_BT 97 K	H^E/Nk_BT 117 K
1.1978	0.656	MC	-1.50	-2.87	0.45	0.34
		VDW-1	-1.76	-3.00	0.47	0.39
		MDA	-1.75	-2.80	0.46	0.37
		MMDA	-1.46	-2.51	0.51	0.40
1.1978	1.000	MC	-0.05	-0.14	0.05	0.02
		VDW-1	-0.41	-0.49	0.00	0.00
		MDA	-0.41	-0.45	0.00	0.00
		MMDA	-0.12	-0.14	0.06	0.04
1.1978	1.524	MC	-0.55	-0.95	-0.17	-0.14
		VDW-1	-0.90	-1.47	-0.25	-0.21
		MDA	-0.88	-1.34	-0.24	-0.21
		MMDA	-0.59	-1.02	-0.16	-0.15
1.2727	0.656	MC	-1.76	-3.35	0.58	0.42
		VDW-1	-2.23	-3.61	0.58	0.48
		MDA	-2.20	-3.39	0.57	0.46
		MMDA	-1.69	-2.85	0.66	0.52
1.2727	1.000	MC	-0.10	-0.24	0.09	0.04
		VDW-1	-0.72	-0.79	0.00	0.00
		MDA	-0.72	-0.79	0.00	0.00
		MMDA	-0.20	-0.23	0.11	0.08
1.2727	1.524	MC	-0.45	-0.76	-0.24	-0.20
		VDW-1	-1.06	-1.57	-0.36	-0.31
		MDA	-1.06	-1.45	-0.35	-0.30
		MMDA	-0.53	-0.88	-0.22	-0.20

Table 14. Excess Volume (cm^3/mol) Comparisons with Lennard-Jones Mixture[1] Simulation Data [1]

σ_{22}/σ_{11}	x_1	MD	VDW1	MDA	MMDA
1.25	0.25	-0.098	-0.373	-0.050	-0.004
	0.50	-0.145	-0.500	-0.051	-0.005
	0.75	-0.131	-0.377	-0.050	0.004
1.50	0.25	-0.378	-1.542	-0.061	-0.004
	0.50	-0.388	-2.067	-0.068	0.052
	0.75	-0.383	-1.558	-0.063	0.087
1.75	0.25	-0.369	-3.629	-0.084	-0.034
	0.50	-0.813	-4.824	-0.101	0.143
	0.75	-0.865	-3.629	-0.090	0.289
2.00	0.25	-0.228	-6.672	-0.115	-0.104
	0.50	-0.480	-8.888	-0.151	0.280
	0.75	-0.644	-6.672	-0.133	0.678

[1] $\epsilon_{22}/\epsilon_{11} = 1$, $k_BT/\epsilon_{11} = 1$, $P\sigma_{11}^3/\epsilon_{11} = 0.5$
$\sigma_{11} = 0.3405$ nm, $\epsilon_{11}/k_B = 120$ K;
simulation data from ref [9].

Table 15. Comparison of Selected Simulated and Predicted Excess Properties for Equimolar Lennard-Jones Mixtures[1]

Isochoric U^E (J/mol):

$\epsilon_{22}/\epsilon_{11}$	σ_{22}/σ_{11}	$\rho\sigma_x^3$	T(K)	MD	VDW-1	MDA	MMDA
1.5	1.3	0.9	201.4	-806.1	-858.7	-862.6	-823.0
4.5	1.3	0.9	200.5	-1042.5	-1092.3	-1160.7	-1089.31

Isobaric U^E (J/mol):

$\epsilon_{22}/\epsilon_{11}$	σ_{22}/σ_{11}	P(bar)	T(K)	MD	VDW-1	MDA	MMDA
1.5	1.3	3563	201.4	-27.68	-69.06	-72.51	-42.34
4.5	1.3	3551	200.5	-286.88	-234.78	156.46	238.10
1.5	2.0	1629	198.4	-222.41	-389.53	-392.60	-203.54
4.5	2.0	1904	199.0	-380.01	-831.74	-900.10	-403.20

V^E (cm^3/mol):

$\epsilon_{22}/\epsilon_{11}$	σ_{22}/σ_{11}	T(K)	MD	VDW-1	MDA	MMDA
1.5	1.3	201.4	-0.040	-0.284	-0.305	-0.089
4.5	1.3	200.5	-0.302	-0.362	-0.643	-0.349
1.5	2.0	198.4	-0.268	-3.306	-3.590	-0.287
4.5	2.0	199.0	-1.261	-5.246	-6.737	-1.922

[1] ϵ_{11}/k_B = 34 K, σ_{11} = 0.2850 nm, σ_x from eq (35); simulation data from ref [8].

5.0 Conclusions

We have presented the results of an extensive molecular dynamics simulation study of Lennard-Jones 6-12 molecules with a size ratio of two. Energy ratios ranged from 0.5 to 3.0, and seven compositions (5, 10, 25, 50, 75, 90 and 95 mol percent) were investigated. Thermodynamic state data and radial distribution functions were presented. The method of Baxter was used to obtain direct correlation functions from the simulation radial distribution functions.

We also have presented a new conformal solution model, the modified mean density approximation, which is an improvement upon the mean density approximation. Extensive comparisons with simulation data and with other theories were given. The modified mean density approximation was shown to be superior to the VDW-1 fluid, HSE and MDA theories. It gave results comparable to those of the hard sphere perturbation theory of Lee and Levesque.

6.0 Acknowledgements

The authors would like to acknowledge Drs. Jeffery R. Fox and Denis J. Evans for many helpful discussions on computer simulation techniques, and Barry M. Valentine for his help with the graphs. This work was sponsored by the U. S. Department of Energy, Office of Basic Energy Sciences.

7.0 References

[1] Mansoori, G. A. and Leland, T. W. Statistical thermodynamics of mixtures. J. Chem. Soc. Faraday Trans. 68: 320-344; 1972.

[2] Leland, T. W. Recent developments in the theory of fluid mixtures. Adv. Cry. Eng. 21: 466-484; 1976.

[3] Gonsalves, J. B. and Leland, T. W. A modification of regular solution theory to incorporate an improved approximation for pair distribution functions in mixtures. AIChE J. 24: 279-285; 1978.

[4] Singer, J. V. L. and Singer, K. The thermodynamic properties of mixtures of Lennard-Jones (12-6) liquids. Mol. Phys. 19: 279-284; 1970.

[5] Singer, J. V. L. and Singer, K. Monte Carlo calculation of thermodynamic properties of binary mixtures of Lennard-Jones 6-12 liquids. Mol. Phys. 24: 357-390; 1972.

[6] McDonald, I. R. NpT-ensemble Monte Carlo calculations for binary liquid mixtures. Mol. Phys. 23: 41-58; 1972.

[7] McDonald, I. R. Excess thermodynamic properties of mixtures of Lennard-Jones liquids. Mol. Phys. 24: 391-401; 1972.

[8] Hoheisel, C.; Deiters, U. and Lucas, K. The extension of pure fluid thermodynamic properties to supercritical mixtures. A comparison of current theories with computer data over a large region of states. Mol. Phys. 49: 159-170; 1983.

[9] Gupta, S. Computer simulation of dense fluids and mixtures. PhD Dissertation, Clemson University; 1984.

[10] Shing, K. S. and Gubbins, K. E. The chemical potential in non-ideal liquid mixtures computer simulation and theory. Mol. Phys. 49: 1121-1138; 1983.

[11] Shukla, K. P. and Haile, J. M. Computer simulation results for thermodynamic excess properties in fluid mixtures. Mol. Phys. 62: 617-636; (1987).

[12] Gierycz, P., Tanaka, H. and Nakanishi, K. Molecular dynamic studies of binary mixtures of Lennard-Jones fluids with differing component sizes. Fluid Phase Equilibria 16: 241-253; (1984).

[13] Adachi, Y.; Takamiya, M. and Nakanishi, K. Generalized Equation of State for Lennard-Jones Fluids. Fluid Phase Equilibria 39: 1-38; (1988).

[14] Haile, J. M. A primer on the computer simulation of atomic fluids by molecular dynamics. Clemson University, Clemson, SC; 1980.

[15] Evans, D. J.; Hoover, W. G.; Failot, B. H.; Moran B. and Ladd, A.J.C. Nonequilibrium molecular thermodynamics via Gauss's principle of least constraint. Phys. Rev. A 28: 1016-1021; 1983.

[16] Evans, D. J. Computer experiment for nonlinear thermodynamics of Couette flow. J. Chem Phys. 78: 3297-3302; 1983.

[17] Evans, D. J. and Morriss, G. P. Non-Newtonian molecular dynamics. Comp. Phys. Reports 1: 297-343; 1984.

[18] Gear W. C., Numerical initial value problems in ordinary differential equations. Prentice Hall, London; 1971.

[19] Hansen, J. P. and McDonald, I. R. Theory of Simple Liquids. Academic Press, London, Chapter 5; 1986.

[20] Watts, R. O. Integral equation approximations in the theory of fluids. Specialist Periodical Reports of the Chemical Society, Vol. 1, Statistical Mechanics. K. Singer (Ed.), London, England, Chapter 1; 1973.

[21] Lee, Lloyd L. Molecular thermodynamics of Nonideal Fluids, Butterworth Publishers, 1988.

[22] Baxter, R. J. Ornstein-Zernike relation for a disordered fluid. Australian J. Phys. 21: 563-569; 1968.

[23] Baxter, R. J. Ornstein-Zernike relation and Percus-Yevick approximation for fluid mixtures. J. Chem. Phys. 52: 4559-4562; 1970.

[24] Dixon, M. and Hutchinson, P. A method for the extrapolation of pair distribution functions. Mol. Phys. 33: 1663-1670; 1977.

[25] Jolly, D. L.; Freasier, B. C. and Bearman, J. The extension of simulation radial distribution functions to an arbitrary range by Baxter's factorisation technique. Chem. Phys. 15: 237-242; 1976.

[26] Fischer, J. and Lago, S. Thermodynamic perturbation theory for molecular liquid mixtures. J. Chem. Phys. 78: 5750-5758; 1983.

[27] Ebner, C.; Saam, W. F. and Stroud, D. Density-functional theory of simple classical fluids, I. Surfaces. Phys. Rev. A 14: 2264-2273; 1976.

[28] Broyles, A. A. Radial distribution functions from the Born-Green integral equation. J. Chem. Phys. 33: 456-458; 1960.

[29] Monson, Peter A.; Dept. Chem. Engineering, University of Massachusetts, Amherst, Massachusetts 01003, Personal communication; 1986.

[30] Gillan, M. J. A new method of solving the liquid structure integral equations. Mol. Phys. 38: 1781-1794; 1979.

[31] Rowlinson, J. S. and Watson, I. D. The thermodynamic properties of fluids and fluid mixtures-II. Chem. Eng. Sci. 24: 1575-1580; 1969.

[32] Leach, J. W., Chappelear, P. S. and Leland, T. W. Use of molecular shape factors in vapor-liquid equilibrium calculations with the corresponding states principle. AIChE J. 14: 568-576; 1968.

[33] Fisher, G. D. and Leland, T. W. Corresponding states principle using shape factors. Ind. Eng. Chem. Fund. 9: 537-544; 1970.

[34] Leland, T. W.; Chappelear, P. S. and Gamson, B. W. Prediction of vapor-liquid equilibria from the corresponding states principle. AIChE J. 8: 482-489; 1962.

[35] Kirkwood, J. G.; Lewinson, V. A. and Alder, B. J. Radial distribution functions and the equation of state of fluids composed of molecules interacting according to the Lennard-Jones potential. J. Chem. Phys. 20: 929-938; 1952.

[36] Mansoori, G. A.; Carnahan, N. F.; Starling, K. E. and Leland, T. W. Equilibrium thermodynamic properties of the mixture of hard spheres. J. Chem. Phys. 54: 1523-1525; 1971.

[37] Carnahan, N. F. and Starling, K. E. Thermodynamic properties of a rigid sphere fluid. J. Chem. Phys. 53: 600-603; 1970.

[38] Chang, J. I. C. Conformal solution theory for simple liquid mixtures. Mol. Phys. 51: 1181-1192; 1984.

[39] Chang, J. I. C.; Hwu, F. S. S. and Leland, T. W. Effective molecular diameters for fluid mixtures. Ch. 4, Adv. Chem. Series No. 182, K. C. Chao and R. L. Robinson (Ed.), Equations of state in engineering and research. Am. Chem. Soc.; 1979.

[40] Hang, T. and Leland, T. W. A variational principle for fluids with unknown intermolecular potentials. Fluid Phase Equilibria 26: 251-277; 1986.

[41] Weeks, J. D.; Chandler, D. and Andersen, H. C. Role of repulsive forces in determining the equilibrium structure of simple liquids. J. Chem. Phys. 54: 5236-5247; 1971.

[42] Lee, L. L. and Levesque, D. Perturbation theory for mixtures of simple liquids. Mol. Phys. 26: 1351-1370; 1973.

[43] Henderson, D. and Leonard, P. J. Liquid Mixtures,in Physical Chemistry, An Advanced Treatise, Vol. VIIB, D. Henderson, Ed., Academic Press, NY; 1971.

[44] Smith, W. R. Specialist Periodical Reports of the Chemical Society, Vol. 1, Statistical Mechanics. K. Singer (Ed.), London, England, Chapter 2; 1973.

[45] Barker, J. A. and Henderson, D. Perturbation theory and equation of state for fluids. II. A successful theory of liquids. J. Chem. Phys. 47: 4714-4721; 1967.

[46] Shukla, K. P., Thermodynamic properties of simple fluid mixtures from perturbation theory. Mol. Phys. 62:1143-1163; 1987.

[47] Verlet, V. and Weis, J. J. Equilibrium theory of simple liquids. Phys. Rev. A. 5: 939-952; 1972.

[48] Grundke, E. W. and Henderson, D. Distribution functions of multi-component mixtures of hard spheres. Mol. Phys. 24: 269-281; 1972.

[49] Shukla, K. P.; Luckas, M.; Marquardt, H. and Lucas, K. Conformal solutions: which model for which application? Fluid Phase Equilibria 26: 129-147; 1986.

[50] Perram, J. W. Hard sphere correlation functions in the Percus-Yevick approximation. Mol. Phys. 30: 1505-1509; 1975.

[51] Groot, R. D.; van der Eerden, J. P. and Faber, N. M. The direct correlation function in hard sphere fluids. J. Chem. Phys. 87: 2263-2270; 1987.

[52] Lebowitz, J. L. Exact solution of generalized Percus-Yevick equation for a mixture of hard spheres. Phys. Rev. 133: A895-A899; 1964.

[53] Hoshino, K. Structure of multi-component hard-sphere mixtures-application to the liquid Li-Pb alloy. J. Phys. F 13: 1981-1992; 1983.

[54] Ely, J. F. A test of the mean density approximation for Lennard-Jones mixtures with large size ratios. Int. J. Thermophysics 7: 381-393; 1986.

[55] Wertheim, M. S. Exact solution of the Percus-Yevick integral equation for hard spheres. Phys. Rev. Letters 10: 321-323; 1963.

[56] Thiele, E. Equation of state for hard spheres. J. Chem. Phys. 39: 474-479; 1963.

[57] Goldman, S. An explicit equation for the radial distribution function of a dense Lennard-Jones fluid. J. Chem Phys. 83: 3033-3037; 1979.

[58] McQuarrie, D. A. Statistical Mechanics. Harper & Row, New York, NY, Chapter 13; 1976.

[59] Nicolas, J. J.; Gubbins, K. E.; Street, W. B. and Tildesley, D. J. Equation of state for the Lennard-Jones fluid. Mol. Phys.37: 1429-1454; 1979.

Nomenclature

Symbol	Physical Quantity
$c(r)$	direct correlation function
d	hard sphere diameter
$f(r)$	Mayer f function, eq (19)
f_i	equivalent substance reducing ratio, eq (24)
$g(r)$	radial distribution function
$h(r)$	total correlation function, eq (19)
h_i	equivalent substance reducing ratio, eq (24)
k_B	Boltzman constant
n_{ij}	particle coordination number, eq (1)
p	pressure
$q(r)$	Baxter q function, eq (17),(18)
r	distance
$u(r)$	intermolecular potential function
$w_{ij}(r)$	potential function, eq (48)
x_i	mol fraction of component i
$y(r)$	function defined in eq (19)
A	Helmholtz energy
	diffusivity
$L_{ij}{}^{c}$	cutoff parameter in eq (1)
M	number of components in the mixture
N	number of particles
S	sums defined in eq (44)
T	temperature
U	internal energy
X_{ij}	local composition, eq (2)
Z	compressibility factor

Symbol	Physical Quantity
α_{ij}, β_{ij}	parameters defined in eq (63,64)
ϵ_{ij}	Lennard-Jones potential parameter
ϕ, θ	shape factors, eq (25,26)
ρ	density
σ_{ij}	Lennard-Jones potential parameter
η	packing fraction, eq (29,44)
$\gamma_{ij}^{(0)}$, $\gamma_{ij}^{(1)}$	parameters in eq (56, 57)
X_m	quantity defined in eq (80)
ω	acentric factor
R^*	r/σ_{ij}
S^*	r/d_{ij}
T^*	$k_B/T\epsilon_{11}$
p^*	$p\sigma_{11}^3/\epsilon_{11}$
U^*	$(U - U^{ig})/N\epsilon_{11}$
ρ^*	$\rho\sigma_{11}^3$
BH	Barker-Hendersen
CS	Carnahan-Starling
DCF	direct correlation function
HS	hard sphere
HSE	hard sphere expansion
LJ	Lennard-Jones
MC	Monte Carlo
MCSL	Mansoori-Carnahan-Starling-Leland
MD	molecular dynamics
MDA	mean density approximation
MMDA	modified mean density approximation
o	reference fluid value
PY	Percus-Yevick
RDF	radial distribution function
VDW-1	Van der Waals one-fluid
WCA	Weeks-Chandler-Andersen

Appendix A
Tabular Data for Radial Distribution Functions and Local Compositions

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.115 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0014	1.0000	1.0000	0.0009
0.875	0.0000	0.0011	0.0242	1.0000	1.0000	0.0157
0.900	0.0222	0.0256	0.1588	1.0000	1.0000	0.1149
0.925	0.1261	0.1600	0.5230	1.0000	1.0000	0.3537
0.950	0.3586	0.5181	1.1003	1.0000	1.0000	0.6001
0.975	1.0214	1.0844	1.7142	1.0000	1.0000	0.7541
1.000	2.5533	1.7296	2.1898	1.0000	1.0000	0.8367
1.025	3.2005	2.2165	2.4228	1.0000	1.0000	0.8813
1.050	4.2731	2.5025	2.4568	1.0000	1.0000	0.9068
1.075	4.7457	2.6006	2.3659	1.0000	1.0000	0.9223
1.100	4.4879	2.5664	2.1895	1.0000	1.0000	0.9322
1.125	4.6600	2.4550	1.9753	1.0000	0.9996	0.9389
1.150	4.0110	2.2760	1.7742	1.0000	0.9960	0.9435
1.175	3.3081	2.0486	1.5836	1.0000	0.9716	0.9468
1.200	3.4090	1.9017	1.4202	1.0000	0.8851	0.9491
1.225	3.4630	1.7441	1.2788	1.0000	0.7141	0.9508
1.250	2.7735	1.5821	1.1586	1.0000	0.5137	0.9520
1.275	2.5662	1.4591	1.0533	1.0000	0.3526	0.9529
1.300	2.4046	1.3367	0.9667	0.9999	0.2459	0.9534
1.325	2.2021	1.2548	0.8985	0.9989	0.1794	0.9537
1.350	2.2989	1.1345	0.8393	0.9915	0.1378	0.9539
1.375	1.9688	1.0606	0.7964	0.9632	0.1110	0.9539
1.400	1.7248	1.0143	0.7575	0.8910	0.0932	0.9537
1.425	1.6825	0.9513	0.7273	0.7660	0.0810	0.9534
1.450	1.5566	0.9068	0.7106	0.6129	0.0722	0.9530
1.475	1.4381	0.8740	0.6973	0.4686	0.0658	0.9526
1.500	1.3826	0.8363	0.6911	0.3542	0.0611	0.9520
1.525	1.4381	0.7930	0.6910	0.2724	0.0575	0.9514
1.550	1.1377	0.7757	0.6940	0.2154	0.0547	0.9508
1.575	1.1671	0.7664	0.7019	0.1755	0.0526	0.9501
1.600	1.0606	0.7534	0.7189	0.1472	0.0509	0.9495
1.625	0.9602	0.7506	0.7351	0.1266	0.0496	0.9488
1.650	0.9577	0.7319	0.7621	0.1112	0.0486	0.9481
1.675	0.9678	0.7272	0.7909	0.0997	0.0477	0.9475
1.700	0.9706	0.7260	0.8210	0.0908	0.0471	0.9469
1.725	0.9246	0.7296	0.8572	0.0839	0.0467	0.9464
1.750	0.8925	0.7383	0.8936	0.0784	0.0464	0.9459
1.775	0.9018	0.7513	0.9348	0.0740	0.0462	0.9455
1.800	0.8214	0.7499	0.9752	0.0704	0.0461	0.9453
1.825	0.8206	0.7656	1.0179	0.0674	0.0461	0.9452
1.850	0.9247	0.7847	1.0562	0.0649	0.0462	0.9451
1.875	0.8951	0.7955	1.0895	0.0629	0.0464	0.9452
1.900	0.9364	0.8138	1.1227	0.0613	0.0466	0.9454
1.925	0.8298	0.8295	1.1527	0.0599	0.0469	0.9458
1.950	0.8654	0.8566	1.1786	0.0587	0.0472	0.9461
1.975	0.8436	0.8777	1.1923	0.0577	0.0476	0.9466
2.000	0.8272	0.8831	1.1999	0.0568	0.0480	0.9471
2.025	0.8595	0.9263	1.2025	0.0560	0.0484	0.9475
2.050	0.8130	0.9307	1.1942	0.0555	0.0489	0.9480
2.075	0.6432	0.9679	1.1794	0.0548	0.0493	0.9485
2.100	0.8685	0.9842	1.1617	0.0543	0.0499	0.9489
2.125	0.7168	1.0076	1.1371	0.0539	0.0504	0.9493
2.150	0.8247	1.0313	1.1100	0.0535	0.0509	0.9496
2.175	0.7374	1.0567	1.0846	0.0532	0.0514	0.9499
2.200	0.8025	1.0655	1.0550	0.0529	0.0519	0.9502
2.225	0.7264	1.0869	1.0304	0.0527	0.0524	0.9504
2.250	0.7459	1.1159	1.0057	0.0525	0.0528	0.9505
2.275	0.8095	1.1218	0.9822	0.0524	0.0533	0.9506
2.300	0.7546	1.1465	0.9629	0.0523	0.0536	0.9507
2.325	0.7318	1.1599	0.9457	0.0522	0.0540	0.9507
2.350	0.7880	1.1643	0.9317	0.0521	0.0543	0.9507
2.375	0.8384	1.1589	0.9191	0.0521	0.0545	0.9506
2.400	0.7773	1.1615	0.9106	0.0521	0.0547	0.9505
2.425	0.8592	1.1630	0.9050	0.0522	0.0548	0.9505
2.450	0.8778	1.1598	0.9006	0.0523	0.0549	0.9503
2.475	0.8601	1.1387	0.8997	0.0524	0.0548	0.9502
2.500	0.8861	1.1293	0.9032	0.0526	0.0548	0.9501
2.525	0.8320	1.1162	0.9101	0.0527	0.0546	0.9499

2.550	0.8656	1.0955	0.9163	0.0528	0.0544	0.9498
2.575	0.7458	1.0725	0.9249	0.0528	0.0542	0.9497
2.600	0.8406	1.0653	0.9367	0.0528	0.0539	0.9495
2.625	0.8794	1.0485	0.9502	0.0530	0.0535	0.9494
2.650	0.8501	1.0271	0.9633	0.0530	0.0532	0.9493
2.675	0.8846	1.0170	0.9732	0.0531	0.0528	0.9492
2.700	0.8806	1.0029	0.9853	0.0532	0.0525	0.9492
2.725	1.0098	0.9874	0.9997	0.0534	0.0521	0.9492
2.750	0.9036	0.9763	1.0104	0.0536	0.0518	0.9491
2.775	0.9621	0.9715	1.0222	0.0537	0.0514	0.9491
2.800	1.0321	0.9514	1.0323	0.0539	0.0511	0.9492
2.825	0.9959	0.9454	1.0415	0.0541	0.0508	0.9492
2.850	1.1313	0.9360	1.0461	0.0543	0.0505	0.9492
2.875	1.0421	0.9311	1.0513	0.0546	0.0503	0.9493
2.900	1.1204	0.9163	1.0542	0.0548	0.0501	0.9494
2.925	1.0740	0.9176	1.0539	0.0550	0.0499	0.9494
2.950	1.1406	0.9224	1.0557	0.0552	0.0497	0.9495
2.975	1.0910	0.9139	1.0549	0.0554	0.0496	0.9496
3.000	1.0949	0.9173	1.0520	0.0555	0.0495	0.9497
3.025	1.1299	0.9263	1.0461	0.0556	0.0494	0.9497
3.050	1.0883	0.9310	1.0407	0.0557	0.0494	0.9498
3.075	1.2665	0.9275	1.0345	0.0559	0.0493	0.9499
3.100	1.1751	0.9345	1.0280	0.0561	0.0493	0.9499
3.125	1.1932	0.9451	1.0199	0.0562	0.0493	0.9499
3.150	1.2051	0.9531	1.0135	0.0563	0.0494	0.9500
3.175	1.1523	0.9501	1.0075	0.0563	0.0494	0.9500
3.200	1.0431	0.9583	0.9991	0.0563	0.0495	0.9500
3.225	1.2293	0.9666	0.9932	0.0562	0.0495	0.9500
3.250	1.1423	0.9719	0.9851	0.0562	0.0496	0.9500
3.275	1.0931	0.9834	0.9791	0.0562	0.0497	0.9500
3.300	1.0865	0.9960	0.9747	0.0560	0.0498	0.9499
3.325	1.0881	0.9983	0.9737	0.0559	0.0499	0.9499
3.350	0.9582	1.0099	0.9709	0.0557	0.0500	0.9499
3.375	1.0435	1.0218	0.9686	0.0554	0.0501	0.9499
3.400	1.0500	1.0205	0.9676	0.0552	0.0502	0.9498
3.425	1.0224	1.0291	0.9691	0.0549	0.0503	0.9498
3.450	1.0258	1.0326	0.9717	0.0547	0.0504	0.9498
3.475	1.0543	1.0387	0.9729	0.0545	0.0505	0.9498
3.500	0.9703	1.0417	0.9755	0.0542	0.0506	0.9498
3.525	1.0101	1.0414	0.9781	0.0539	0.0507	0.9497
3.550	1.0602	1.0391	0.9803	0.0537	0.0507	0.9497
3.575	1.0763	1.0429	0.9860	0.0535	0.0508	0.9497
3.600	1.0559	1.0369	0.9901	0.0533	0.0508	0.9497
3.625	0.9524	1.0391	0.9964	0.0531	0.0508	0.9497
3.650	0.9624	1.0405	0.9996	0.0528	0.0509	0.9497
3.675	0.9746	1.0410	1.0036	0.0525	0.0509	0.9497
3.700	0.9129	1.0393	1.0062	0.0523	0.0509	0.9498
3.725	0.9512	1.0419	1.0100	0.0520	0.0509	0.9498
3.750	0.9603	1.0381	1.0141	0.0518	0.0508	0.9498
3.775	1.0221	1.0292	1.0156	0.0516	0.0508	0.9498
3.800	0.9389	1.0271	1.0180	0.0515	0.0508	0.9498
3.825	1.0127	1.0228	1.0175	0.0513	0.0507	0.9499
3.850	0.9960	1.0186	1.0200	0.0512	0.0507	0.9499
3.875	0.9485	1.0116	1.0182	0.0511	0.0506	0.9499
3.900	0.9706	1.0069	1.0188	0.0510	0.0506	0.9499
3.925	0.9781	1.0056	1.0176	0.0509	0.0505	0.9500
3.950	0.9762	1.0008	1.0163	0.0508	0.0504	0.9500
3.975	0.9514	1.0017	1.0133	0.0507	0.0504	0.9500
4.000	1.0000	1.0000	1.0000	0.0507	0.0503	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.121 x_1= 0.0995 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0016	1.0000	1.0000	0.0004
0.875	0.0000	0.0018	0.0260	1.0000	1.0000	0.0084
0.900	0.0102	0.0279	0.1606	1.0000	1.0000	0.0596
0.925	0.0387	0.1626	0.5337	1.0000	1.0000	0.2096
0.950	0.3940	0.5219	1.1216	1.0000	1.0000	0.4210
0.975	1.0612	1.1021	1.7431	1.0000	1.0000	0.5980
1.000	1.9515	1.7053	2.2011	1.0000	1.0000	0.7125
1.025	3.0223	2.2163	2.4362	1.0000	1.0000	0.7816
1.050	4.0726	2.5180	2.4582	1.0000	1.0000	0.8238
1.075	4.4757	2.6121	2.3527	1.0000	1.0000	0.8505
1.100	4.6026	2.5529	2.1736	1.0000	1.0000	0.8681
1.125	4.5408	2.4241	1.9649	1.0000	0.9998	0.8800
1.150	4.2705	2.2455	1.7629	1.0000	0.9978	0.8884
1.175	3.8781	2.0779	1.5789	1.0000	0.9853	0.8943
1.200	3.4196	1.8936	1.4072	1.0000	0.9404	0.8986
1.225	3.0307	1.7333	1.2617	1.0000	0.8374	0.9017
1.250	2.6832	1.5742	1.1390	1.0000	0.6855	0.9038
1.275	2.3908	1.4340	1.0436	1.0000	0.5290	0.9052
1.300	2.2165	1.3149	0.9613	0.9999	0.4020	0.9062
1.325	2.0536	1.2183	0.8910	0.9992	0.3110	0.9067
1.350	1.8716	1.1393	0.8361	0.9952	0.2486	0.9069
1.375	1.6970	1.0723	0.7893	0.9802	0.2059	0.9068
1.400	1.5884	1.0030	0.7552	0.9413	0.1762	0.9065
1.425	1.5006	0.9452	0.7292	0.8664	0.1552	0.9059
1.450	1.3549	0.8998	0.7135	0.7577	0.1398	0.9052
1.475	1.3132	0.8770	0.7030	0.6352	0.1285	0.9043
1.500	1.3047	0.8365	0.6989	0.5217	0.1200	0.9033
1.525	1.1432	0.8090	0.6976	0.4272	0.1134	0.9023
1.550	1.1737	0.7954	0.7039	0.3534	0.1084	0.9011
1.575	1.0934	0.7742	0.7118	0.2976	0.1044	0.8999
1.600	0.9820	0.7583	0.7301	0.2555	0.1014	0.8987
1.625	0.9160	0.7557	0.7477	0.2236	0.0990	0.8975
1.650	1.0008	0.7524	0.7697	0.1995	0.0972	0.8963
1.675	0.9358	0.7507	0.7986	0.1810	0.0958	0.8951
1.700	0.8999	0.7510	0.8299	0.1665	0.0948	0.8941
1.725	0.8698	0.7521	0.8647	0.1549	0.0940	0.8931
1.750	0.8235	0.7583	0.9013	0.1455	0.0935	0.8923
1.775	0.7769	0.7531	0.9387	0.1377	0.0932	0.8917
1.800	0.7925	0.7718	0.9784	0.1313	0.0931	0.8912
1.825	0.7349	0.7737	1.0173	0.1259	0.0931	0.8910
1.850	0.8010	0.7969	1.0551	0.1214	0.0933	0.8910
1.875	0.7856	0.8016	1.0896	0.1178	0.0937	0.8912
1.900	0.7193	0.8288	1.1250	0.1147	0.0941	0.8916
1.925	0.7141	0.8371	1.1507	0.1119	0.0946	0.8922
1.950	0.7655	0.8575	1.1723	0.1097	0.0952	0.8929
1.975	0.7515	0.8807	1.1906	0.1078	0.0959	0.8937
2.000	0.7535	0.8918	1.1989	0.1063	0.0967	0.8946
2.025	0.7270	0.9150	1.1959	0.1049	0.0975	0.8955
2.050	0.7418	0.9387	1.1885	0.1036	0.0983	0.8964
2.075	0.7538	0.9573	1.1718	0.1026	0.0992	0.8972
2.100	0.7763	0.9816	1.1572	0.1019	0.1001	0.8980
2.125	0.7435	1.0001	1.1321	0.1012	0.1010	0.8987
2.150	0.7657	1.0264	1.1084	0.1006	0.1019	0.8994
2.175	0.7962	1.0567	1.0813	0.1003	0.1028	0.8999
2.200	0.8090	1.0789	1.0533	0.1000	0.1037	0.9004
2.225	0.7316	1.0920	1.0276	0.0997	0.1046	0.9007
2.250	0.7963	1.1089	1.0018	0.0995	0.1054	0.9010
2.275	0.8372	1.1244	0.9805	0.0995	0.1062	0.9011
2.300	0.7972	1.1455	0.9616	0.0995	0.1069	0.9012
2.325	0.7878	1.1506	0.9455	0.0995	0.1075	0.9012
2.350	0.8483	1.1612	0.9324	0.0995	0.1080	0.9012
2.375	0.7748	1.1650	0.9219	0.0996	0.1085	0.9011
2.400	0.8427	1.1615	0.9122	0.0998	0.1088	0.9009
2.425	0.8522	1.1598	0.9077	0.1000	0.1090	0.9008
2.450	0.8225	1.1488	0.9062	0.1002	0.1090	0.9006
2.475	0.8518	1.1375	0.9081	0.1004	0.1090	0.9003
2.500	0.8541	1.1280	0.9074	0.1006	0.1088	0.9001
2.525	0.8671	1.1102	0.9134	0.1009	0.1085	0.8998

2.550	0.8654	1.0893	0.9208	0.1012	0.1081	0.8996
2.575	0.8855	1.0758	0.9286	0.1014	0.1077	0.8993
2.600	0.8563	1.0604	0.9411	0.1017	0.1071	0.8991
2.625	0.9133	1.0398	0.9527	0.1020	0.1065	0.8989
2.650	0.9467	1.0316	0.9646	0.1024	0.1059	0.8988
2.675	0.8800	1.0128	0.9773	0.1027	0.1052	0.8986
2.700	0.9239	0.9961	0.9886	0.1030	0.1045	0.8985
2.725	0.9566	0.9888	1.0023	0.1033	0.1038	0.8985
2.750	0.9825	0.9766	1.0135	0.1037	0.1032	0.8984
2.775	0.9826	0.9603	1.0241	0.1041	0.1026	0.8985
2.800	1.0184	0.9527	1.0314	0.1045	0.1020	0.8985
2.825	1.0170	0.9356	1.0389	0.1049	0.1014	0.8985
2.850	1.0328	0.9288	1.0466	0.1053	0.1009	0.8986
2.875	1.0019	0.9350	1.0502	0.1056	0.1005	0.8988
2.900	1.0108	0.9305	1.0541	0.1059	0.1001	0.8989
2.925	1.0004	0.9261	1.0548	0.1061	0.0997	0.8990
2.950	1.0438	0.9232	1.0538	0.1063	0.0994	0.8992
2.975	1.0735	0.9284	1.0520	0.1066	0.0992	0.8994
3.000	1.0911	0.9263	1.0498	0.1069	0.0990	0.8995
3.025	1.0600	0.9342	1.0443	0.1071	0.0989	0.8996
3.050	1.0676	0.9368	1.0394	0.1073	0.0988	0.8998
3.075	1.0875	0.9429	1.0331	0.1074	0.0988	0.8999
3.100	1.1040	0.9396	1.0265	0.1076	0.0988	0.8999
3.125	1.1529	0.9477	1.0193	0.1078	0.0988	0.9000
3.150	1.0876	0.9540	1.0128	0.1079	0.0989	0.9000
3.175	1.0882	0.9595	1.0050	0.1079	0.0990	0.9001
3.200	1.0696	0.9624	0.9976	0.1079	0.0991	0.9001
3.225	1.1131	0.9708	0.9919	0.1078	0.0992	0.9001
3.250	1.0483	0.9796	0.9851	0.1077	0.0993	0.9001
3.275	1.0894	0.9913	0.9819	0.1075	0.0995	0.9000
3.300	1.0889	0.9953	0.9783	0.1074	0.0997	0.9000
3.325	1.0378	0.9996	0.9751	0.1071	0.0999	0.9000
3.350	1.0589	1.0114	0.9742	0.1069	0.1001	0.8999
3.375	1.0501	1.0196	0.9710	0.1066	0.1003	0.8999
3.400	1.0476	1.0195	0.9694	0.1063	0.1004	0.8998
3.425	1.0271	1.0258	0.9710	0.1059	0.1006	0.8998
3.450	1.0602	1.0314	0.9717	0.1056	0.1008	0.8998
3.475	1.0361	1.0335	0.9747	0.1052	0.1009	0.8997
3.500	1.0500	1.0384	0.9776	0.1049	0.1011	0.8997
3.525	0.9850	1.0367	0.9822	0.1045	0.1012	0.8997
3.550	0.9413	1.0416	0.9849	0.1040	0.1013	0.8996
3.575	0.9770	1.0398	0.9891	0.1035	0.1014	0.8996
3.600	0.9657	1.0416	0.9925	0.1030	0.1015	0.8996
3.625	0.9499	1.0413	0.9959	0.1026	0.1015	0.8996
3.650	0.9587	1.0383	1.0010	0.1021	0.1015	0.8997
3.675	0.9518	1.0408	1.0062	0.1017	0.1016	0.8997
3.700	0.8955	1.0397	1.0088	0.1013	0.1015	0.8997
3.725	0.9228	1.0333	1.0108	0.1008	0.1015	0.8997
3.750	0.9173	1.0337	1.0137	0.1004	0.1015	0.8998
3.775	0.8974	1.0267	1.0175	0.1000	0.1014	0.8998
3.800	0.9197	1.0222	1.0169	0.0997	0.1014	0.8999
3.825	0.8820	1.0183	1.0182	0.0993	0.1013	0.8999
3.850	0.9108	1.0097	1.0177	0.0990	0.1012	0.9000
3.875	0.8930	1.0125	1.0167	0.0987	0.1011	0.9000
3.900	0.8973	1.0072	1.0164	0.0985	0.1010	0.9000
3.925	0.9122	0.9999	1.0160	0.0982	0.1008	0.9001
3.950	0.8960	0.9965	1.0153	0.0980	0.1007	0.9001
3.975	0.8905	0.9945	1.0125	0.0978	0.1006	0.9001
4.000	1.0000	1.0000	1.0000	0.0977	0.1005	0.9001

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.139 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0015	1.0000	1.0000	0.0001
0.875	0.0000	0.0015	0.0246	1.0000	1.0000	0.0027
0.900	0.0062	0.0242	0.1542	1.0000	1.0000	0.0203
0.925	0.0571	0.1518	0.5150	1.0000	1.0000	0.0804
0.950	0.3380	0.4906	1.0852	1.0000	1.0000	0.1936
0.975	0.9991	1.0411	1.6939	1.0000	1.0000	0.3297
1.000	1.8894	1.6397	2.1428	1.0000	1.0000	0.4506
1.025	2.9493	2.1308	2.3744	1.0000	1.0000	0.5422
1.050	3.6927	2.4212	2.4075	1.0000	1.0000	0.6076
1.075	4.1347	2.5139	2.3083	1.0000	1.0000	0.6532
1.100	4.1516	2.4791	2.1267	1.0000	1.0000	0.6853
1.125	4.2029	2.3708	1.9392	1.0000	0.9999	0.7082
1.150	3.8717	2.1918	1.7413	1.0000	0.9993	0.7247
1.175	3.6788	2.0252	1.5697	1.0000	0.9952	0.7367
1.200	3.2252	1.8442	1.3949	1.0000	0.9797	0.7454
1.225	2.9180	1.6832	1.2523	1.0000	0.9399	0.7514
1.250	2.6956	1.5394	1.1362	1.0000	0.8685	0.7556
1.275	2.3577	1.4136	1.0405	1.0000	0.7728	0.7583
1.300	2.2065	1.3046	0.9603	1.0000	0.6703	0.7600
1.325	2.0060	1.2021	0.8936	0.9998	0.5770	0.7608
1.350	1.8029	1.1301	0.8407	0.9986	0.4999	0.7609
1.375	1.6898	1.0519	0.8014	0.9937	0.4392	0.7604
1.400	1.5969	0.9986	0.7735	0.9803	0.3924	0.7595
1.425	1.4168	0.9577	0.7508	0.9523	0.3567	0.7583
1.450	1.3580	0.9113	0.7428	0.9055	0.3293	0.7569
1.475	1.2786	0.8746	0.7333	0.8417	0.3083	0.7553
1.500	1.2001	0.8487	0.7299	0.7679	0.2918	0.7535
1.525	1.1781	0.8217	0.7379	0.6926	0.2790	0.7516
1.550	1.1537	0.8053	0.7454	0.6224	0.2688	0.7497
1.575	1.0902	0.7974	0.7562	0.5609	0.2608	0.7478
1.600	1.0653	0.7910	0.7705	0.5088	0.2546	0.7459
1.625	1.0091	0.7883	0.7818	0.4657	0.2499	0.7439
1.650	0.9370	0.7881	0.8008	0.4300	0.2463	0.7420
1.675	0.9579	0.7915	0.8200	0.4005	0.2436	0.7401
1.700	0.9384	0.7902	0.8456	0.3764	0.2417	0.7384
1.725	0.8907	0.7996	0.8771	0.3565	0.2403	0.7368
1.750	0.8902	0.8028	0.9061	0.3400	0.2395	0.7355
1.775	0.8471	0.8038	0.9392	0.3262	0.2392	0.7344
1.800	0.8851	0.8144	0.9685	0.3147	0.2391	0.7336
1.825	0.8982	0.8186	1.0051	0.3052	0.2394	0.7331
1.850	0.8847	0.8290	1.0353	0.2974	0.2400	0.7330
1.875	0.8608	0.8444	1.0664	0.2907	0.2407	0.7333
1.900	0.8666	0.8517	1.0964	0.2850	0.2417	0.7339
1.925	0.8535	0.8595	1.1240	0.2802	0.2427	0.7348
1.950	0.8378	0.8778	1.1417	0.2761	0.2439	0.7360
1.975	0.8698	0.8879	1.1610	0.2727	0.2452	0.7374
2.000	0.8663	0.9080	1.1714	0.2699	0.2465	0.7389
2.025	0.8597	0.9180	1.1702	0.2676	0.2479	0.7405
2.050	0.8585	0.9356	1.1676	0.2656	0.2493	0.7422
2.075	0.8438	0.9486	1.1530	0.2640	0.2508	0.7437
2.100	0.8418	0.9709	1.1394	0.2626	0.2522	0.7452
2.125	0.8361	0.9822	1.1191	0.2614	0.2537	0.7465
2.150	0.8315	1.0024	1.0935	0.2604	0.2551	0.7476
2.175	0.8539	1.0266	1.0696	0.2597	0.2565	0.7485
2.200	0.8750	1.0454	1.0469	0.2592	0.2580	0.7493
2.225	0.8673	1.0611	1.0293	0.2590	0.2594	0.7499
2.250	0.8718	1.0740	1.0047	0.2588	0.2608	0.7504
2.275	0.8552	1.0956	0.9866	0.2587	0.2620	0.7506
2.300	0.8566	1.1078	0.9690	0.2587	0.2632	0.7508
2.325	0.8540	1.1146	0.9563	0.2587	0.2642	0.7509
2.350	0.8604	1.1276	0.9444	0.2588	0.2651	0.7508
2.375	0.8595	1.1333	0.9355	0.2590	0.2659	0.7507
2.400	0.8888	1.1317	0.9327	0.2592	0.2664	0.7505
2.425	0.8760	1.1338	0.9273	0.2595	0.2668	0.7502
2.450	0.8969	1.1270	0.9276	0.2598	0.2670	0.7499
2.475	0.8826	1.1184	0.9261	0.2601	0.2670	0.7495
2.500	0.8909	1.1027	0.9300	0.2604	0.2667	0.7492
2.525	0.9023	1.0951	0.9298	0.2607	0.2663	0.7488

2.550	0.9105	1.0828	0.9404	0.2611	0.2657	0.7484
2.575	0.9169	1.0694	0.9491	0.2615	0.2649	0.7481
2.600	0.9229	1.0551	0.9538	0.2618	0.2640	0.7478
2.625	0.9482	1.0422	0.9623	0.2623	0.2630	0.7475
2.650	0.9470	1.0293	0.9736	0.2627	0.2618	0.7473
2.675	0.9506	1.0173	0.9803	0.2632	0.2607	0.7471
2.700	0.9429	0.9973	0.9877	0.2636	0.2595	0.7469
2.725	0.9692	0.9898	0.9966	0.2640	0.2582	0.7468
2.750	1.0044	0.9766	1.0047	0.2645	0.2570	0.7468
2.775	0.9974	0.9716	1.0134	0.2651	0.2559	0.7468
2.800	1.0050	0.9629	1.0246	0.2656	0.2548	0.7469
2.825	1.0146	0.9565	1.0289	0.2660	0.2538	0.7470
2.850	1.0315	0.9532	1.0351	0.2665	0.2529	0.7471
2.875	1.0310	0.9504	1.0385	0.2670	0.2522	0.7473
2.900	1.0630	0.9472	1.0406	0.2675	0.2515	0.7475
2.925	1.0492	0.9460	1.0425	0.2680	0.2509	0.7477
2.950	1.0781	0.9410	1.0426	0.2685	0.2504	0.7480
2.975	1.0753	0.9456	1.0407	0.2689	0.2500	0.7482
3.000	1.1055	0.9457	1.0385	0.2694	0.2496	0.7485
3.025	1.1179	0.9443	1.0345	0.2699	0.2494	0.7487
3.050	1.1293	0.9475	1.0325	0.2703	0.2493	0.7488
3.075	1.1097	0.9495	1.0267	0.2707	0.2492	0.7490
3.100	1.1164	0.9529	1.0204	0.2710	0.2491	0.7491
3.125	1.1019	0.9560	1.0129	0.2713	0.2492	0.7492
3.150	1.1246	0.9604	1.0098	0.2714	0.2493	0.7493
3.175	1.1134	0.9629	1.0046	0.2716	0.2494	0.7494
3.200	1.1091	0.9698	0.9995	0.2716	0.2495	0.7494
3.225	1.1055	0.9760	0.9962	0.2716	0.2497	0.7494
3.250	1.1126	0.9814	0.9919	0.2715	0.2500	0.7494
3.275	1.1013	0.9858	0.9887	0.2713	0.2502	0.7493
3.300	1.1067	0.9920	0.9853	0.2711	0.2505	0.7493
3.325	1.0851	0.9933	0.9829	0.2708	0.2507	0.7492
3.350	1.0811	0.9996	0.9821	0.2704	0.2510	0.7492
3.375	1.0788	1.0057	0.9807	0.2699	0.2513	0.7491
3.400	1.0623	1.0087	0.9805	0.2694	0.2516	0.7491
3.425	1.0788	1.0122	0.9820	0.2688	0.2518	0.7490
3.450	1.0463	1.0174	0.9816	0.2682	0.2520	0.7490
3.475	1.0524	1.0243	0.9833	0.2675	0.2523	0.7489
3.500	1.0414	1.0243	0.9856	0.2668	0.2525	0.7489
3.525	1.0384	1.0268	0.9877	0.2661	0.2527	0.7488
3.550	1.0142	1.0248	0.9904	0.2653	0.2528	0.7488
3.575	1.0099	1.0297	0.9944	0.2645	0.2529	0.7488
3.600	0.9858	1.0289	0.9930	0.2637	0.2531	0.7488
3.625	0.9943	1.0297	0.9960	0.2628	0.2531	0.7488
3.650	0.9832	1.0293	0.9990	0.2620	0.2532	0.7488
3.675	0.9859	1.0237	1.0038	0.2612	0.2532	0.7489
3.700	0.9790	1.0210	1.0048	0.2604	0.2532	0.7489
3.725	0.9792	1.0261	1.0066	0.2597	0.2532	0.7489
3.750	0.9753	1.0199	1.0073	0.2590	0.2531	0.7490
3.775	0.9757	1.0202	1.0098	0.2583	0.2530	0.7490
3.800	0.9550	1.0202	1.0122	0.2577	0.2529	0.7491
3.825	0.9605	1.0168	1.0124	0.2571	0.2528	0.7492
3.850	0.9688	1.0112	1.0123	0.2565	0.2526	0.7492
3.875	0.9409	1.0087	1.0115	0.2560	0.2525	0.7493
3.900	0.9650	1.0066	1.0131	0.2555	0.2523	0.7493
3.925	0.9515	1.0034	1.0126	0.2551	0.2521	0.7494
3.950	0.9674	1.0001	1.0119	0.2547	0.2519	0.7495
3.975	0.9642	0.9971	1.0102	0.2544	0.2517	0.7495
4.000	1.0000	1.0000	1.0000	0.2541	0.2515	0.7495

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.190 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0001	0.0014	1.0000	1.0000	0.0000
0.875	0.0000	0.0013	0.0263	1.0000	1.0000	0.0010
0.900	0.0029	0.0241	0.1631	1.0000	1.0000	0.0077
0.925	0.0612	0.1491	0.5318	1.0000	1.0000	0.0311
0.950	0.2939	0.4750	1.1081	1.0000	1.0000	0.0802
0.975	0.9412	1.0019	1.6989	1.0000	1.0000	0.1500
1.000	1.7920	1.5842	2.1378	1.0000	1.0000	0.2257
1.025	2.7201	2.0291	2.3422	1.0000	1.0000	0.2947
1.050	3.4672	2.3118	2.3437	1.0000	1.0000	0.3514
1.075	3.7628	2.3958	2.2256	1.0000	1.0000	0.3955
1.100	3.8395	2.3315	2.0412	1.0000	1.0000	0.4288
1.125	3.7306	2.2252	1.8491	1.0000	1.0000	0.4537
1.150	3.4755	2.0733	1.6476	1.0000	0.9998	0.4720
1.175	3.2067	1.9047	1.4807	1.0000	0.9982	0.4853
1.200	2.9248	1.7433	1.3254	1.0000	0.9923	0.4949
1.225	2.6191	1.5907	1.1977	1.0000	0.9770	0.5014
1.250	2.3621	1.4527	1.0749	1.0000	0.9477	0.5055
1.275	2.1797	1.3318	0.9886	1.0000	0.9038	0.5074
1.300	1.9687	1.2414	0.9262	1.0000	0.8500	0.5081
1.325	1.8138	1.1544	0.8723	0.9999	0.7930	0.5077
1.350	1.6557	1.0741	0.8251	0.9995	0.7384	0.5066
1.375	1.5372	1.0217	0.8000	0.9977	0.6899	0.5051
1.400	1.4463	0.9656	0.7753	0.9928	0.6486	0.5032
1.425	1.3469	0.9222	0.7742	0.9823	0.6144	0.5012
1.450	1.2550	0.9011	0.7689	0.9642	0.5866	0.4993
1.475	1.1963	0.8780	0.7818	0.9375	0.5643	0.4975
1.500	1.1492	0.8567	0.7890	0.9034	0.5463	0.4958
1.525	1.0756	0.8542	0.8039	0.8646	0.5320	0.4942
1.550	1.0554	0.8448	0.8209	0.8242	0.5208	0.4929
1.575	1.0065	0.8360	0.8332	0.7845	0.5119	0.4916
1.600	0.9849	0.8405	0.8423	0.7473	0.5051	0.4904
1.625	0.9422	0.8412	0.8550	0.7136	0.5000	0.4891
1.650	0.9344	0.8508	0.8723	0.6840	0.4962	0.4878
1.675	0.9244	0.8663	0.8794	0.6581	0.4939	0.4865
1.700	0.9064	0.8795	0.9015	0.6357	0.4926	0.4853
1.725	0.8942	0.8866	0.9120	0.6163	0.4920	0.4842
1.750	0.8778	0.8957	0.9334	0.5996	0.4920	0.4832
1.775	0.8823	0.9010	0.9487	0.5853	0.4925	0.4824
1.800	0.8758	0.8973	0.9726	0.5732	0.4934	0.4817
1.825	0.8731	0.9041	1.0009	0.5628	0.4945	0.4814
1.850	0.8723	0.9104	1.0175	0.5540	0.4958	0.4814
1.875	0.8769	0.9106	1.0422	0.5466	0.4973	0.4817
1.900	0.8837	0.9144	1.0676	0.5404	0.4988	0.4823
1.925	0.8877	0.9119	1.0908	0.5352	0.5002	0.4833
1.950	0.9003	0.9159	1.1049	0.5309	0.5017	0.4846
1.975	0.9112	0.9200	1.1168	0.5274	0.5030	0.4860
2.000	0.9031	0.9296	1.1338	0.5245	0.5042	0.4876
2.025	0.9224	0.9337	1.1309	0.5222	0.5054	0.4893
2.050	0.9209	0.9403	1.1276	0.5205	0.5065	0.4910
2.075	0.9246	0.9524	1.1152	0.5191	0.5075	0.4926
2.100	0.9403	0.9613	1.1014	0.5181	0.5084	0.4940
2.125	0.9312	0.9711	1.0910	0.5175	0.5093	0.4954
2.150	0.9365	0.9895	1.0685	0.5170	0.5103	0.4965
2.175	0.9391	1.0072	1.0454	0.5168	0.5112	0.4974
2.200	0.9321	1.0237	1.0267	0.5166	0.5122	0.4981
2.225	0.9349	1.0346	1.0131	0.5166	0.5132	0.4986
2.250	0.9369	1.0454	0.9978	0.5167	0.5141	0.4989
2.275	0.9246	1.0557	0.9842	0.5168	0.5149	0.4991
2.300	0.9170	1.0701	0.9714	0.5169	0.5158	0.4992
2.325	0.9120	1.0802	0.9600	0.5169	0.5165	0.4991
2.350	0.9133	1.0856	0.9557	0.5170	0.5172	0.4990
2.375	0.9121	1.0906	0.9511	0.5171	0.5178	0.4988
2.400	0.9136	1.0926	0.9492	0.5172	0.5183	0.4986
2.425	0.9044	1.0977	0.9498	0.5173	0.5185	0.4983
2.450	0.8964	1.0903	0.9519	0.5173	0.5187	0.4981
2.475	0.9033	1.0796	0.9540	0.5172	0.5186	0.4978
2.500	0.9027	1.0756	0.9592	0.5171	0.5183	0.4976
2.525	0.9092	1.0626	0.9598	0.5170	0.5179	0.4974

2.550	0.9068	1.0563	0.9703	0.5168	0.5172	0.4972
2.575	0.9183	1.0433	0.9682	0.5166	0.5164	0.4970
2.600	0.9254	1.0330	0.9788	0.5164	0.5154	0.4968
2.625	0.9260	1.0260	0.9827	0.5162	0.5144	0.4967
2.650	0.9358	1.0136	0.9867	0.5160	0.5132	0.4966
2.675	0.9362	1.0090	0.9933	0.5159	0.5119	0.4966
2.700	0.9354	0.9953	0.9988	0.5157	0.5107	0.4965
2.725	0.9468	0.9893	1.0036	0.5156	0.5094	0.4965
2.750	0.9526	0.9845	1.0092	0.5155	0.5082	0.4966
2.775	0.9684	0.9770	1.0132	0.5155	0.5070	0.4967
2.800	0.9797	0.9739	1.0193	0.5155	0.5060	0.4968
2.825	0.9795	0.9701	1.0215	0.5156	0.5050	0.4970
2.850	0.9882	0.9675	1.0248	0.5157	0.5040	0.4971
2.875	0.9969	0.9674	1.0267	0.5158	0.5033	0.4973
2.900	1.0143	0.9657	1.0293	0.5160	0.5026	0.4975
2.925	1.0092	0.9646	1.0259	0.5162	0.5021	0.4978
2.950	1.0294	0.9670	1.0246	0.5165	0.5016	0.4980
2.975	1.0363	0.9678	1.0241	0.5168	0.5013	0.4982
3.000	1.0444	0.9696	1.0225	0.5171	0.5011	0.4984
3.025	1.0597	0.9717	1.0209	0.5174	0.5009	0.4985
3.050	1.0581	0.9717	1.0182	0.5178	0.5008	0.4987
3.075	1.0676	0.9751	1.0175	0.5181	0.5008	0.4988
3.100	1.0634	0.9782	1.0142	0.5184	0.5009	0.4990
3.125	1.0717	0.9770	1.0097	0.5186	0.5009	0.4991
3.150	1.0766	0.9829	1.0063	0.5189	0.5011	0.4991
3.175	1.0767	0.9831	1.0016	0.5191	0.5012	0.4992
3.200	1.0668	0.9845	0.9992	0.5192	0.5014	0.4992
3.225	1.0736	0.9890	0.9955	0.5193	0.5016	0.4992
3.250	1.0673	0.9891	0.9917	0.5192	0.5018	0.4992
3.275	1.0631	0.9944	0.9918	0.5191	0.5020	0.4992
3.300	1.0528	0.9941	0.9902	0.5189	0.5022	0.4991
3.325	1.0534	0.9983	0.9903	0.5186	0.5023	0.4991
3.350	1.0527	0.9992	0.9888	0.5182	0.5025	0.4990
3.375	1.0487	1.0023	0.9903	0.5179	0.5027	0.4990
3.400	1.0440	1.0031	0.9886	0.5175	0.5028	0.4990
3.425	1.0365	1.0077	0.9910	0.5170	0.5030	0.4989
3.450	1.0249	1.0060	0.9911	0.5164	0.5031	0.4989
3.475	1.0185	1.0074	0.9927	0.5158	0.5032	0.4989
3.500	1.0156	1.0110	0.9937	0.5151	0.5033	0.4989
3.525	1.0113	1.0135	0.9913	0.5144	0.5034	0.4989
3.550	1.0075	1.0121	0.9960	0.5137	0.5034	0.4989
3.575	1.0073	1.0123	0.9990	0.5129	0.5035	0.4989
3.600	0.9954	1.0134	1.0002	0.5122	0.5035	0.4989
3.625	0.9961	1.0138	1.0018	0.5114	0.5035	0.4989
3.650	0.9904	1.0113	1.0037	0.5107	0.5034	0.4990
3.675	0.9925	1.0105	1.0051	0.5099	0.5034	0.4990
3.700	0.9867	1.0117	1.0083	0.5092	0.5033	0.4991
3.725	0.9888	1.0122	1.0071	0.5086	0.5032	0.4991
3.750	0.9810	1.0098	1.0070	0.5080	0.5031	0.4992
3.775	0.9832	1.0096	1.0082	0.5074	0.5030	0.4992
3.800	0.9791	1.0096	1.0084	0.5068	0.5029	0.4993
3.825	0.9791	1.0077	1.0103	0.5063	0.5027	0.4993
3.850	0.9766	1.0055	1.0090	0.5058	0.5026	0.4994
3.875	0.9745	1.0047	1.0095	0.5054	0.5024	0.4994
3.900	0.9770	1.0028	1.0081	0.5050	0.5022	0.4995
3.925	0.9788	0.9999	1.0095	0.5047	0.5021	0.4996
3.950	0.9741	0.9980	1.0076	0.5044	0.5019	0.4996
3.975	0.9758	1.0006	1.0077	0.5041	0.5018	0.4996
4.000	1.0000	1.0000	1.0000	0.5039	0.5016	0.4997

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.303 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0001	0.0017	1.0000	1.0000	0.0000
0.875	0.0002	0.0014	0.0320	1.0000	1.0000	0.0005
0.900	0.0041	0.0244	0.1766	1.0000	1.0000	0.0032
0.925	0.0559	0.1369	0.5794	1.0000	1.0000	0.0128
0.950	0.2777	0.4558	1.1612	1.0000	1.0000	0.0335
0.975	0.8523	0.9428	1.7436	1.0000	1.0000	0.0643
1.000	1.6632	1.4642	2.1272	1.0000	1.0000	0.1004
1.025	2.4803	1.8862	2.3047	1.0000	1.0000	0.1361
1.050	3.0599	2.0953	2.2584	1.0000	1.0000	0.1676
1.075	3.3758	2.1684	2.1324	1.0000	1.0000	0.1937
1.100	3.4382	2.1175	1.9279	1.0000	1.0000	0.2144
1.125	3.3164	1.9926	1.7333	1.0000	1.0000	0.2301
1.150	3.0755	1.8434	1.5325	1.0000	0.9999	0.2415
1.175	2.8009	1.6926	1.3611	1.0000	0.9992	0.2493
1.200	2.5401	1.5431	1.2179	1.0000	0.9968	0.2542
1.225	2.3042	1.4158	1.0948	1.0000	0.9905	0.2568
1.250	2.0704	1.2950	1.0032	1.0000	0.9783	0.2575
1.275	1.8918	1.1881	0.9252	1.0000	0.9596	0.2568
1.300	1.7265	1.0981	0.8661	1.0000	0.9357	0.2552
1.325	1.5791	1.0311	0.8232	1.0000	0.9088	0.2530
1.350	1.4501	0.9733	0.7994	0.9998	0.8815	0.2506
1.375	1.3470	0.9334	0.7724	0.9992	0.8556	0.2482
1.400	1.2550	0.8975	0.7708	0.9974	0.8324	0.2459
1.425	1.1703	0.8666	0.7791	0.9936	0.8123	0.2440
1.450	1.1061	0.8502	0.7946	0.9868	0.7953	0.2424
1.475	1.0617	0.8341	0.8345	0.9768	0.7813	0.2414
1.500	1.0031	0.8403	0.8625	0.9635	0.7699	0.2408
1.525	0.9790	0.8453	0.8929	0.9476	0.7610	0.2406
1.550	0.9480	0.8572	0.9230	0.9302	0.7542	0.2407
1.575	0.9250	0.8744	0.9383	0.9124	0.7492	0.2410
1.600	0.9087	0.9020	0.9472	0.8949	0.7458	0.2413
1.625	0.8939	0.9278	0.9457	0.8782	0.7437	0.2414
1.650	0.8835	0.9476	0.9519	0.8628	0.7427	0.2415
1.675	0.8830	0.9776	0.9566	0.8488	0.7426	0.2415
1.700	0.8812	0.9935	0.9572	0.8364	0.7432	0.2414
1.725	0.8727	1.0085	0.9427	0.8255	0.7443	0.2411
1.750	0.8758	1.0178	0.9601	0.8160	0.7458	0.2407
1.775	0.8952	1.0186	0.9570	0.8077	0.7476	0.2403
1.800	0.8971	1.0164	0.9797	0.8007	0.7494	0.2400
1.825	0.9083	1.0100	0.9942	0.7948	0.7512	0.2399
1.850	0.9311	1.0008	1.0065	0.7898	0.7530	0.2400
1.875	0.9476	0.9868	1.0233	0.7857	0.7546	0.2402
1.900	0.9652	0.9783	1.0427	0.7824	0.7560	0.2406
1.925	0.9885	0.9676	1.0532	0.7799	0.7572	0.2412
1.950	1.0035	0.9591	1.0748	0.7780	0.7582	0.2419
1.975	1.0231	0.9481	1.0792	0.7767	0.7588	0.2427
2.000	1.0442	0.9493	1.0902	0.7757	0.7592	0.2437
2.025	1.0576	0.9478	1.0877	0.7752	0.7594	0.2446
2.050	1.0762	0.9433	1.0965	0.7750	0.7594	0.2455
2.075	1.0808	0.9484	1.0822	0.7751	0.7592	0.2464
2.100	1.0955	0.9515	1.0744	0.7753	0.7590	0.2472
2.125	1.0878	0.9597	1.0541	0.7757	0.7588	0.2479
2.150	1.0878	0.9706	1.0451	0.7762	0.7586	0.2484
2.175	1.0859	0.9833	1.0315	0.7767	0.7585	0.2488
2.200	1.0625	0.9932	1.0173	0.7772	0.7585	0.2491
2.225	1.0607	1.0047	1.0017	0.7776	0.7585	0.2493
2.250	1.0471	1.0150	1.0007	0.7780	0.7585	0.2494
2.275	1.0268	1.0288	0.9911	0.7783	0.7587	0.2494
2.300	1.0219	1.0392	0.9768	0.7785	0.7589	0.2493
2.325	1.0047	1.0492	0.9722	0.7785	0.7592	0.2492
2.350	0.9921	1.0567	0.9675	0.7785	0.7595	0.2490
2.375	0.9811	1.0552	0.9683	0.7783	0.7598	0.2488
2.400	0.9725	1.0571	0.9696	0.7780	0.7600	0.2487
2.425	0.9573	1.0540	0.9702	0.7775	0.7600	0.2485
2.450	0.9557	1.0526	0.9698	0.7769	0.7601	0.2484
2.475	0.9407	1.0460	0.9725	0.7762	0.7600	0.2483
2.500	0.9305	1.0358	0.9805	0.7754	0.7598	0.2482
2.525	0.9296	1.0295	0.9832	0.7745	0.7595	0.2481

2.550	0.9319	1.0227	0.9848	0.7735	0.7591	0.2481
2.575	0.9263	1.0174	0.9987	0.7725	0.7587	0.2481
2.600	0.9302	1.0078	0.9997	0.7715	0.7581	0.2481
2.625	0.9257	0.9997	0.9964	0.7705	0.7575	0.2481
2.650	0.9358	0.9954	1.0014	0.7695	0.7568	0.2481
2.675	0.9396	0.9892	1.0009	0.7686	0.7561	0.2482
2.700	0.9454	0.9877	1.0039	0.7678	0.7554	0.2482
2.725	0.9425	0.9854	1.0076	0.7670	0.7547	0.2482
2.750	0.9529	0.9834	1.0066	0.7662	0.7540	0.2482
2.775	0.9539	0.9782	1.0033	0.7656	0.7534	0.2483
2.800	0.9687	0.9753	1.0049	0.7650	0.7528	0.2483
2.825	0.9694	0.9771	1.0085	0.7645	0.7522	0.2483
2.850	0.9822	0.9806	1.0067	0.7642	0.7518	0.2484
2.875	0.9848	0.9810	1.0081	0.7638	0.7515	0.2484
2.900	0.9950	0.9846	1.0091	0.7636	0.7512	0.2484
2.925	1.0044	0.9862	1.0118	0.7634	0.7509	0.2485
2.950	1.0134	0.9909	1.0145	0.7634	0.7508	0.2486
2.975	1.0208	0.9908	1.0198	0.7633	0.7507	0.2487
3.000	1.0280	0.9955	1.0181	0.7634	0.7506	0.2488
3.025	1.0344	0.9991	1.0125	0.7634	0.7506	0.2489
3.050	1.0394	0.9978	1.0119	0.7635	0.7507	0.2489
3.075	1.0418	1.0011	1.0115	0.7636	0.7507	0.2490
3.100	1.0454	0.9999	1.0065	0.7637	0.7508	0.2491
3.125	1.0490	1.0026	1.0059	0.7638	0.7510	0.2491
3.150	1.0468	1.0016	1.0071	0.7639	0.7511	0.2492
3.175	1.0466	1.0015	1.0016	0.7640	0.7512	0.2492
3.200	1.0436	0.9995	0.9984	0.7640	0.7513	0.2492
3.225	1.0409	1.0035	0.9961	0.7640	0.7514	0.2493
3.250	1.0396	1.0019	0.9937	0.7640	0.7515	0.2492
3.275	1.0343	0.9990	0.9921	0.7639	0.7516	0.2492
3.300	1.0331	1.0002	0.9884	0.7637	0.7517	0.2492
3.325	1.0310	1.0016	0.9906	0.7636	0.7518	0.2492
3.350	1.0224	1.0025	0.9896	0.7634	0.7518	0.2492
3.375	1.0206	1.0007	0.9972	0.7631	0.7519	0.2491
3.400	1.0140	1.0038	0.9972	0.7628	0.7519	0.2492
3.425	1.0164	1.0017	0.9938	0.7625	0.7519	0.2492
3.450	1.0051	1.0054	1.0015	0.7621	0.7519	0.2492
3.475	1.0013	1.0054	1.0017	0.7617	0.7519	0.2492
3.500	1.0004	1.0074	1.0051	0.7613	0.7519	0.2492
3.525	1.0004	1.0065	1.0028	0.7608	0.7519	0.2493
3.550	0.9916	1.0087	1.0000	0.7603	0.7519	0.2493
3.575	0.9914	1.0082	1.0000	0.7599	0.7518	0.2493
3.600	0.9904	1.0099	1.0000	0.7594	0.7518	0.2493
3.625	0.9891	1.0102	1.0000	0.7590	0.7518	0.2493
3.650	0.9853	1.0103	1.0000	0.7586	0.7518	0.2493
3.675	0.9891	1.0103	1.0000	0.7581	0.7518	0.2493
3.700	0.9830	1.0093	1.0000	0.7577	0.7517	0.2494
3.725	0.9904	1.0098	1.0000	0.7574	0.7517	0.2494
3.750	0.9854	1.0070	1.0000	0.7570	0.7517	0.2494
3.775	0.9849	1.0095	1.0000	0.7567	0.7517	0.2494
3.800	0.9862	1.0073	1.0000	0.7564	0.7516	0.2494
3.825	0.9898	1.0078	1.0000	0.7562	0.7516	0.2494
3.850	0.9895	1.0098	1.0000	0.7559	0.7516	0.2494
3.875	0.9915	1.0083	1.0000	0.7557	0.7516	0.2494
3.900	0.9938	1.0060	1.0000	0.7556	0.7515	0.2495
3.925	0.9945	1.0064	1.0000	0.7554	0.7515	0.2495
3.950	0.9997	1.0058	1.0000	0.7553	0.7514	0.2495
3.975	0.9987	1.0034	1.0000	0.7552	0.7513	0.2495
4.000	1.0000	1.0000	1.0000	0.7551	0.7512	0.2495

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=1.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.466$ $x_1=0.9005$ $\epsilon_{22}/\epsilon_{11}=0.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0024	1.0000	1.0000	0.0000
0.875	0.0001	0.0013	0.0364	1.0000	1.0000	0.0002
0.900	0.0041	0.0221	0.2120	1.0000	1.0000	0.0014
0.925	0.0463	0.1325	0.6302	1.0000	1.0000	0.0055
0.950	0.2547	0.4193	1.2766	1.0000	1.0000	0.0142
0.975	0.7545	0.8604	1.8455	1.0000	1.0000	0.0273
1.000	1.4615	1.3301	2.2429	1.0000	1.0000	0.0430
1.025	2.1582	1.6950	2.3127	1.0000	1.0000	0.0587
1.050	2.6726	1.8785	2.2821	1.0000	1.0000	0.0729
1.075	2.9062	1.9303	2.0990	1.0000	1.0000	0.0849
1.100	2.9491	1.8659	1.8795	1.0000	1.0000	0.0942
1.125	2.8042	1.7532	1.6685	1.0000	1.0000	0.1012
1.150	2.6138	1.6269	1.4623	1.0000	0.9999	0.1060
1.175	2.3824	1.4958	1.3079	1.0000	0.9997	0.1089
1.200	2.1492	1.3407	1.1681	1.0000	0.9986	0.1104
1.225	1.9507	1.2447	1.0347	1.0000	0.9959	0.1105
1.250	1.7514	1.1282	0.9622	1.0000	0.9908	0.1097
1.275	1.5988	1.0421	0.9046	1.0000	0.9829	0.1083
1.300	1.4521	0.9741	0.8476	1.0000	0.9727	0.1066
1.325	1.3380	0.9226	0.7986	1.0000	0.9610	0.1046
1.350	1.2312	0.8655	0.7583	0.9999	0.9490	0.1026
1.375	1.1432	0.8352	0.7706	0.9997	0.9375	0.1007
1.400	1.0761	0.8107	0.7768	0.9990	0.9271	0.0992
1.425	1.0114	0.7983	0.7793	0.9977	0.9178	0.0980
1.450	0.9684	0.7941	0.8264	0.9952	0.9101	0.0970
1.475	0.9241	0.7986	0.8443	0.9916	0.9038	0.0965
1.500	0.8932	0.8110	0.8855	0.9867	0.8988	0.0961
1.525	0.8641	0.8276	0.9341	0.9809	0.8950	0.0961
1.550	0.8465	0.8602	0.9561	0.9743	0.8923	0.0962
1.575	0.8312	0.8932	0.9692	0.9675	0.8906	0.0964
1.600	0.8243	0.9332	0.9920	0.9607	0.8896	0.0967
1.625	0.8137	0.9694	0.9948	0.9542	0.8894	0.0970
1.650	0.8166	1.0107	0.9783	0.9480	0.8898	0.0971
1.675	0.8134	1.0435	0.9473	0.9424	0.8906	0.0971
1.700	0.8288	1.0751	0.9572	0.9374	0.8917	0.0970
1.725	0.8388	1.0924	0.9517	0.9329	0.8930	0.0968
1.750	0.8583	1.0990	0.9471	0.9290	0.8944	0.0966
1.775	0.8731	1.0999	0.9473	0.9257	0.8959	0.0963
1.800	0.8933	1.0910	0.9519	0.9230	0.8974	0.0961
1.825	0.9202	1.0779	0.9595	0.9207	0.8988	0.0959
1.850	0.9449	1.0572	0.9827	0.9189	0.9001	0.0957
1.875	0.9693	1.0433	0.9977	0.9175	0.9011	0.0957
1.900	1.0007	1.0242	1.0246	0.9164	0.9020	0.0958
1.925	1.0271	1.0030	1.0311	0.9157	0.9028	0.0960
1.950	1.0575	0.9821	1.0488	0.9153	0.9033	0.0962
1.975	1.0828	0.9721	1.0707	0.9151	0.9036	0.0965
2.000	1.1114	0.9580	1.0675	0.9151	0.9039	0.0969
2.025	1.1337	0.9579	1.0726	0.9153	0.9039	0.0973
2.050	1.1466	0.9473	1.0824	0.9156	0.9039	0.0977
2.075	1.1545	0.9501	1.0679	0.9160	0.9037	0.0980
2.100	1.1646	0.9529	1.0687	0.9164	0.9036	0.0983
2.125	1.1601	0.9534	1.0379	0.9169	0.9034	0.0986
2.150	1.1628	0.9636	1.0312	0.9174	0.9031	0.0988
2.175	1.1524	0.9754	1.0425	0.9178	0.9030	0.0989
2.200	1.1393	0.9847	1.0247	0.9182	0.9029	0.0990
2.225	1.1205	0.9950	1.0198	0.9185	0.9029	0.0991
2.250	1.1028	1.0146	1.0123	0.9188	0.9029	0.0992
2.275	1.0837	1.0179	0.9888	0.9189	0.9031	0.0992
2.300	1.0586	1.0276	0.9846	0.9190	0.9032	0.0991
2.325	1.0407	1.0438	0.9840	0.9190	0.9033	0.0990
2.350	1.0226	1.0445	0.9766	0.9188	0.9035	0.0990
2.375	1.0036	1.0523	0.9816	0.9186	0.9037	0.0989
2.400	0.9938	1.0527	0.9760	0.9183	0.9039	0.0989
2.425	0.9748	1.0579	0.9778	0.9179	0.9041	0.0988
2.450	0.9643	1.0506	0.9975	0.9174	0.9042	0.0988
2.475	0.9507	1.0438	0.9999	0.9168	0.9043	0.0988
2.500	0.9454	1.0326	1.0035	0.9162	0.9043	0.0988
2.525	0.9382	1.0256	1.0091	0.9155	0.9042	0.0989

2.550	0.9370	1.0222	1.0153	0.9148	0.9041	0.0989
2.575	0.9310	1.0134	1.0117	0.9140	0.9040	0.0990
2.600	0.9289	1.0095	1.0084	0.9133	0.9038	0.0990
2.625	0.9313	1.0009	1.0039	0.9125	0.9035	0.0990
2.650	0.9336	0.9957	0.9958	0.9118	0.9033	0.0991
2.675	0.9365	0.9943	1.0041	0.9111	0.9030	0.0991
2.700	0.9400	0.9861	0.9879	0.9104	0.9027	0.0991
2.725	0.9456	0.9830	1.0069	0.9098	0.9024	0.0990
2.750	0.9531	0.9846	1.0110	0.9093	0.9022	0.0991
2.775	0.9591	0.9835	0.9972	0.9088	0.9019	0.0991
2.800	0.9670	0.9889	1.0038	0.9084	0.9017	0.0991
2.825	0.9741	0.9887	0.9943	0.9080	0.9015	0.0991
2.850	0.9846	0.9926	1.0124	0.9077	0.9013	0.0991
2.875	0.9914	0.9920	1.0114	0.9075	0.9012	0.0991
2.900	1.0011	0.9984	1.0153	0.9073	0.9011	0.0991
2.925	1.0063	0.9970	1.0132	0.9071	0.9010	0.0992
2.950	1.0134	0.9998	1.0041	0.9070	0.9009	0.0992
2.975	1.0171	1.0021	1.0083	0.9070	0.9009	0.0992
3.000	1.0241	1.0087	1.0124	0.9069	0.9008	0.0992
3.025	1.0299	1.0080	1.0205	0.9069	0.9008	0.0993
3.050	1.0323	1.0108	1.0200	0.9069	0.9009	0.0993
3.075	1.0365	1.0121	1.0000	0.9069	0.9009	0.0993
3.100	1.0392	1.0097	1.0000	0.9070	0.9010	0.0993
3.125	1.0341	1.0082	1.0000	0.9070	0.9010	0.0993
3.150	1.0333	1.0068	1.0000	0.9070	0.9011	0.0993
3.175	1.0328	1.0100	1.0000	0.9070	0.9011	0.0994
3.200	1.0318	1.0059	1.0000	0.9070	0.9011	0.0994
3.225	1.0277	1.0068	1.0000	0.9070	0.9012	0.0994
3.250	1.0240	1.0045	1.0000	0.9070	0.9012	0.0994
3.275	1.0183	1.0032	1.0000	0.9069	0.9012	0.0994
3.300	1.0171	0.9992	1.0000	0.9069	0.9012	0.0994
3.325	1.0104	1.0003	1.0000	0.9068	0.9012	0.0994
3.350	1.0057	0.9990	1.0000	0.9067	0.9012	0.0994
3.375	1.0012	0.9978	1.0000	0.9065	0.9011	0.0994
3.400	0.9974	0.9975	1.0000	0.9063	0.9011	0.0994
3.425	0.9934	0.9986	1.0000	0.9062	0.9010	0.0994
3.450	0.9883	0.9999	1.0000	0.9060	0.9010	0.0994
3.475	0.9826	0.9997	1.0000	0.9058	0.9010	0.0994
3.500	0.9828	1.0009	1.0000	0.9056	0.9010	0.0994
3.525	0.9800	1.0005	1.0000	0.9053	0.9009	0.0994
3.550	0.9795	1.0041	1.0000	0.9051	0.9009	0.0994
3.575	0.9781	1.0025	1.0000	0.9049	0.9009	0.0994
3.600	0.9782	1.0041	1.0000	0.9047	0.9009	0.0994
3.625	0.9780	1.0062	1.0000	0.9044	0.9010	0.0994
3.650	0.9774	1.0057	1.0000	0.9042	0.9009	0.0994
3.675	0.9787	1.0096	1.0000	0.9040	0.9009	0.0994
3.700	0.9794	1.0060	1.0000	0.9038	0.9009	0.0994
3.725	0.9826	1.0056	1.0000	0.9036	0.9009	0.0994
3.750	0.9832	1.0050	1.0000	0.9035	0.9009	0.0994
3.775	0.9855	1.0090	1.0000	0.9033	0.9009	0.0994
3.800	0.9882	1.0090	1.0000	0.9032	0.9009	0.0994
3.825	0.9911	1.0067	1.0000	0.9031	0.9009	0.0994
3.850	0.9940	1.0082	1.0000	0.9030	0.9009	0.0994
3.875	0.9936	1.0046	1.0000	0.9029	0.9009	0.0994
3.900	0.9986	1.0014	1.0000	0.9028	0.9008	0.0994
3.925	1.0011	1.0055	1.0000	0.9028	0.9008	0.0994
3.950	1.0029	1.0054	1.0000	0.9027	0.9008	0.0994
3.975	1.0020	1.0040	1.0000	0.9027	0.9008	0.0994
4.000	1.0000	1.0000	1.0000	0.9027	0.9008	0.0994

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=1.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.583$ $x_1=0.9502$ $\epsilon_{22}/\epsilon_{11}=0.50$

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0050	1.0000	1.0000	0.0000
0.875	0.0001	0.0021	0.0355	1.0000	1.0000	0.0001
0.900	0.0038	0.0246	0.2479	1.0000	1.0000	0.0008
0.925	0.0492	0.1531	0.7401	1.0000	1.0000	0.0031
0.950	0.2487	0.4601	1.4382	1.0000	1.0000	0.0079
0.975	0.7323	0.9118	1.9908	1.0000	1.0000	0.0150
1.000	1.4097	1.3854	2.3715	1.0000	1.0000	0.0234
1.025	2.0592	1.7403	2.3730	1.0000	1.0000	0.0317
1.050	2.5179	1.9098	2.1697	1.0000	1.0000	0.0388
1.075	2.7409	1.9298	1.9648	1.0000	1.0000	0.0445
1.100	2.7346	1.8397	1.7265	1.0000	1.0000	0.0489
1.125	2.5954	1.7206	1.5130	1.0000	1.0000	0.0521
1.150	2.4054	1.5698	1.3258	1.0000	1.0000	0.0541
1.175	2.1715	1.4313	1.1509	1.0000	0.9998	0.0551
1.200	1.9589	1.2909	1.0022	1.0000	0.9992	0.0552
1.225	1.7529	1.1674	0.9004	1.0000	0.9977	0.0547
1.250	1.5845	1.0721	0.7916	1.0000	0.9949	0.0537
1.275	1.4343	0.9870	0.7810	1.0000	0.9905	0.0524
1.300	1.2983	0.9145	0.7355	1.0000	0.9850	0.0511
1.325	1.1960	0.8556	0.7324	1.0000	0.9788	0.0498
1.350	1.1060	0.8178	0.7178	1.0000	0.9724	0.0487
1.375	1.0258	0.7965	0.6910	0.9998	0.9664	0.0477
1.400	0.9628	0.7730	0.7338	0.9994	0.9612	0.0469
1.425	0.9115	0.7708	0.7926	0.9986	0.9568	0.0463
1.450	0.8653	0.7666	0.8478	0.9973	0.9531	0.0461
1.475	0.8336	0.7718	0.9233	0.9953	0.9502	0.0460
1.500	0.8017	0.7980	0.9963	0.9926	0.9479	0.0462
1.525	0.7811	0.8270	1.0629	0.9894	0.9463	0.0466
1.550	0.7624	0.8662	1.0707	0.9859	0.9453	0.0471
1.575	0.7559	0.9108	1.0492	0.9822	0.9448	0.0476
1.600	0.7477	0.9608	1.0760	0.9785	0.9448	0.0480
1.625	0.7535	1.0161	1.0495	0.9750	0.9451	0.0483
1.650	0.7593	1.0545	1.0391	0.9717	0.9458	0.0486
1.675	0.7690	1.0975	1.0012	0.9688	0.9466	0.0487
1.700	0.7835	1.1184	1.0153	0.9661	0.9476	0.0488
1.725	0.8038	1.1347	1.0111	0.9638	0.9486	0.0489
1.750	0.8257	1.1391	0.9847	0.9619	0.9495	0.0488
1.775	0.8504	1.1244	0.9434	0.9603	0.9504	0.0487
1.800	0.8780	1.1190	0.9973	0.9589	0.9513	0.0486
1.825	0.9090	1.0961	1.0055	0.9579	0.9521	0.0486
1.850	0.9410	1.0623	1.0091	0.9571	0.9528	0.0486
1.875	0.9719	1.0338	1.0180	0.9565	0.9533	0.0487
1.900	1.0078	1.0209	1.0777	0.9562	0.9537	0.0488
1.925	1.0413	0.9929	1.0930	0.9560	0.9539	0.0490
1.950	1.0723	0.9718	1.1111	0.9560	0.9540	0.0493
1.975	1.0978	0.9521	1.1351	0.9561	0.9539	0.0496
2.000	1.1265	0.9441	1.1244	0.9563	0.9538	0.0499
2.025	1.1527	0.9348	1.1359	0.9566	0.9535	0.0501
2.050	1.1667	0.9250	1.1200	0.9569	0.9531	0.0504
2.075	1.1764	0.9245	1.1222	0.9573	0.9527	0.0507
2.100	1.1830	0.9326	1.1181	0.9577	0.9524	0.0509
2.125	1.1839	0.9363	1.0840	0.9581	0.9521	0.0511
2.150	1.1742	0.9414	1.0851	0.9584	0.9518	0.0512
2.175	1.1626	0.9606	1.0488	0.9587	0.9516	0.0513
2.200	1.1425	0.9721	1.0566	0.9590	0.9514	0.0514
2.225	1.1222	0.9799	1.0527	0.9592	0.9513	0.0514
2.250	1.1014	0.9944	1.0484	0.9594	0.9512	0.0514
2.275	1.0784	1.0108	1.0415	0.9595	0.9512	0.0515
2.300	1.0541	1.0218	1.0143	0.9596	0.9511	0.0515
2.325	1.0329	1.0252	1.0309	0.9595	0.9511	0.0514
2.350	1.0130	1.0370	1.0362	0.9595	0.9512	0.0515
2.375	0.9930	1.0403	1.0118	0.9593	0.9513	0.0514
2.400	0.9776	1.0345	1.0716	0.9591	0.9514	0.0515
2.425	0.9601	1.0350	1.0504	0.9588	0.9514	0.0515
2.450	0.9509	1.0253	1.0377	0.9585	0.9514	0.0516
2.475	0.9373	1.0243	1.0318	0.9581	0.9514	0.0516
2.500	0.9295	1.0087	1.0263	0.9577	0.9513	0.0516
2.525	0.9244	1.0026	1.0420	0.9573	0.9512	0.0516

2.550	0.9197	0.9930	1.0222	0.9568	0.9511	0.0516
2.575	0.9180	0.9855	1.0240	0.9564	0.9509	0.0516
2.600	0.9192	0.9787	1.0268	0.9559	0.9507	0.0516
2.625	0.9219	0.9751	1.0314	0.9555	0.9505	0.0516
2.650	0.9253	0.9704	1.0133	0.9551	0.9503	0.0516
2.675	0.9318	0.9666	1.0198	0.9547	0.9501	0.0516
2.700	0.9402	0.9642	1.0229	0.9543	0.9499	0.0515
2.725	0.9470	0.9612	1.0286	0.9540	0.9496	0.0515
2.750	0.9548	0.9652	1.0094	0.9537	0.9494	0.0515
2.775	0.9648	0.9699	0.9957	0.9535	0.9493	0.0515
2.800	0.9754	0.9728	1.0013	0.9533	0.9491	0.0514
2.825	0.9867	0.9751	1.0053	0.9532	0.9490	0.0514
2.850	0.9922	0.9796	1.0171	0.9530	0.9489	0.0514
2.875	1.0060	0.9842	1.0048	0.9529	0.9488	0.0513
2.900	1.0171	0.9834	1.0098	0.9529	0.9487	0.0513
2.925	1.0212	0.9872	1.0077	0.9529	0.9487	0.0513
2.950	1.0321	0.9881	1.0323	0.9529	0.9486	0.0513
2.975	1.0367	0.9950	1.0340	0.9529	0.9486	0.0513
3.000	1.0415	0.9928	1.0137	0.9529	0.9486	0.0513
3.025	1.0457	0.9980	1.0039	0.9530	0.9485	0.0512
3.050	1.0459	0.9983	1.0148	0.9530	0.9485	0.0512
3.075	1.0486	0.9978	1.0088	0.9531	0.9485	0.0512
3.100	1.0486	0.9964	1.0026	0.9532	0.9486	0.0512
3.125	1.0458	0.9977	1.0010	0.9532	0.9485	0.0511
3.150	1.0433	0.9953	0.9980	0.9533	0.9486	0.0511
3.175	1.0421	0.9887	0.9940	0.9533	0.9486	0.0511
3.200	1.0363	0.9903	1.0009	0.9534	0.9485	0.0510
3.225	1.0315	0.9872	0.9824	0.9534	0.9485	0.0510
3.250	1.0262	0.9872	0.9945	0.9534	0.9485	0.0509
3.275	1.0204	0.9849	0.9943	0.9534	0.9484	0.0509
3.300	1.0137	0.9870	0.9894	0.9534	0.9484	0.0509
3.325	1.0077	0.9887	0.9926	0.9534	0.9484	0.0508
3.350	1.0032	0.9875	0.9857	0.9533	0.9484	0.0508
3.375	0.9980	0.9858	0.9814	0.9533	0.9484	0.0508
3.400	0.9923	0.9889	0.9913	0.9532	0.9484	0.0507
3.425	0.9905	0.9888	0.9904	0.9531	0.9484	0.0507
3.450	0.9861	0.9907	1.0099	0.9530	0.9484	0.0507
3.475	0.9846	0.9892	1.0069	0.9529	0.9484	0.0507
3.500	0.9815	0.9925	1.0150	0.9528	0.9484	0.0507
3.525	0.9806	0.9920	0.9931	0.9527	0.9484	0.0507
3.550	0.9812	0.9961	0.9953	0.9526	0.9484	0.0506
3.575	0.9787	0.9945	1.0058	0.9525	0.9484	0.0506
3.600	0.9789	0.9972	0.9866	0.9524	0.9485	0.0506
3.625	0.9812	0.9980	1.0093	0.9523	0.9485	0.0506
3.650	0.9829	0.9993	1.0023	0.9522	0.9485	0.0506
3.675	0.9846	0.9958	1.0181	0.9521	0.9485	0.0506
3.700	0.9868	0.9999	1.0116	0.9520	0.9485	0.0506
3.725	0.9891	0.9977	1.0002	0.9520	0.9486	0.0506
3.750	0.9914	0.9997	1.0027	0.9519	0.9486	0.0505
3.775	0.9960	1.0018	0.9974	0.9519	0.9486	0.0505
3.800	0.9987	1.0029	1.0000	0.9518	0.9486	0.0505
3.825	1.0020	1.0004	1.0000	0.9518	0.9487	0.0505
3.850	1.0029	0.9999	1.0000	0.9518	0.9487	0.0505
3.875	1.0066	1.0021	1.0000	0.9518	0.9487	0.0505
3.900	1.0077	0.9978	1.0000	0.9518	0.9487	0.0505
3.925	1.0111	1.0019	1.0000	0.9518	0.9487	0.0504
3.950	1.0131	0.9978	1.0000	0.9518	0.9487	0.0504
3.975	1.0139	1.0003	1.0000	0.9518	0.9487	0.0504
4.000	1.0000	1.0000	1.0000	0.9518	0.9487	0.0504

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.122 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0000	0.0003	0.0003	1.0000	1.0000	0.0002
0.900	0.0000	0.0052	0.0091	1.0000	1.0000	0.0041
0.925	0.1182	0.0600	0.0995	1.0000	1.0000	0.0539
0.950	0.2882	0.3197	0.4575	1.0000	1.0000	0.2565
0.975	1.0487	0.8819	1.1942	1.0000	1.0000	0.5486
1.000	1.6905	1.7307	2.0693	1.0000	1.0000	0.7445
1.025	2.6955	2.4731	2.7616	1.0000	1.0000	0.8429
1.050	3.4991	2.9344	3.0784	1.0000	1.0000	0.8918
1.075	3.6758	3.1184	3.0402	1.0000	1.0000	0.9176
1.100	3.7017	3.0692	2.8081	1.0000	1.0000	0.9324
1.125	3.3906	2.8854	2.4647	1.0000	1.0000	0.9414
1.150	3.3541	2.6195	2.1215	1.0000	0.9999	0.9471
1.175	3.2757	2.3050	1.8047	1.0000	0.9996	0.9509
1.200	2.8195	2.0416	1.5335	1.0000	0.9959	0.9534
1.225	2.4071	1.8138	1.3052	1.0000	0.9686	0.9551
1.250	1.7662	1.6125	1.1222	1.0000	0.8678	0.9562
1.275	2.0354	1.4132	0.9738	1.0000	0.6696	0.9569
1.300	1.5218	1.2487	0.8603	1.0000	0.4514	0.9573
1.325	1.5637	1.1395	0.7685	0.9997	0.2932	0.9573
1.350	1.4350	1.0386	0.6975	0.9976	0.1976	0.9572
1.375	1.4215	0.9493	0.6434	0.9874	0.1417	0.9568
1.400	1.2311	0.8803	0.6035	0.9443	0.1082	0.9563
1.425	1.2594	0.8353	0.5747	0.8354	0.0875	0.9557
1.450	1.1477	0.7760	0.5574	0.6668	0.0741	0.9549
1.475	1.0626	0.7371	0.5498	0.4869	0.0650	0.9541
1.500	1.0467	0.7099	0.5485	0.3415	0.0586	0.9531
1.525	0.9319	0.6749	0.5535	0.2425	0.0541	0.9521
1.550	0.9923	0.6552	0.5672	0.1793	0.0508	0.9510
1.575	0.8970	0.6373	0.5894	0.1389	0.0484	0.9499
1.600	0.8410	0.6242	0.6140	0.1120	0.0466	0.9488
1.625	0.8044	0.6340	0.6454	0.0936	0.0452	0.9477
1.650	0.7324	0.6249	0.6860	0.0806	0.0443	0.9467
1.675	0.7159	0.6234	0.7293	0.0711	0.0435	0.9458
1.700	0.7949	0.6387	0.7823	0.0642	0.0431	0.9450
1.725	0.6507	0.6463	0.8410	0.0589	0.0428	0.9443
1.750	0.6983	0.6640	0.9009	0.0548	0.0427	0.9437
1.775	0.6971	0.6796	0.9660	0.0517	0.0427	0.9434
1.800	0.7581	0.6965	1.0305	0.0493	0.0428	0.9431
1.825	0.6117	0.7233	1.0869	0.0473	0.0431	0.9431
1.850	0.6290	0.7405	1.1424	0.0457	0.0434	0.9432
1.875	0.6823	0.7688	1.1851	0.0444	0.0438	0.9435
1.900	0.6164	0.8010	1.2211	0.0434	0.0443	0.9439
1.925	0.5966	0.8293	1.2497	0.0425	0.0449	0.9444
1.950	0.7068	0.8535	1.2708	0.0418	0.0455	0.9451
1.975	0.5853	0.8846	1.2877	0.0413	0.0462	0.9458
2.000	0.6358	0.9163	1.2972	0.0409	0.0469	0.9465
2.025	0.6061	0.9506	1.3001	0.0405	0.0476	0.9472
2.050	0.7564	0.9860	1.2928	0.0404	0.0485	0.9480
2.075	0.6242	1.0055	1.2766	0.0403	0.0493	0.9488
2.100	0.6946	1.0387	1.2464	0.0402	0.0501	0.9495
2.125	0.6240	1.0716	1.2113	0.0401	0.0509	0.9501
2.150	0.7658	1.0943	1.1659	0.0402	0.0517	0.9506
2.175	0.6811	1.1079	1.1199	0.0403	0.0525	0.9511
2.200	0.7404	1.1274	1.0712	0.0404	0.0533	0.9514
2.225	0.8201	1.1545	1.0248	0.0407	0.0540	0.9517
2.250	0.8591	1.1722	0.9771	0.0410	0.0546	0.9518
2.275	0.7622	1.1916	0.9361	0.0414	0.0552	0.9519
2.300	0.7648	1.2159	0.9020	0.0417	0.0557	0.9519
2.325	0.8634	1.2226	0.8721	0.0420	0.0561	0.9518
2.350	0.8686	1.2334	0.8483	0.0425	0.0565	0.9517
2.375	0.8069	1.2436	0.8315	0.0429	0.0567	0.9515
2.400	0.9006	1.2423	0.8179	0.0433	0.0569	0.9513
2.425	0.8059	1.2390	0.8090	0.0438	0.0569	0.9510
2.450	0.8786	1.2341	0.8097	0.0442	0.0569	0.9507
2.475	0.9671	1.2116	0.8123	0.0447	0.0567	0.9504
2.500	0.9340	1.1806	0.8215	0.0452	0.0565	0.9501
2.525	0.9451	1.1621	0.8368	0.0457	0.0562	0.9498

2.550	0.9933	1.1275	0.8560	0.0463	0.0559	0.9495
2.575	0.9872	1.0925	0.8760	0.0468	0.0554	0.9492
2.600	1.0965	1.0622	0.8993	0.0474	0.0549	0.9490
2.625	0.9877	1.0421	0.9243	0.0480	0.0544	0.9488
2.650	0.9979	1.0104	0.9527	0.0485	0.0539	0.9486
2.675	1.0722	0.9770	0.9789	0.0490	0.0533	0.9485
2.700	1.1337	0.9486	1.0068	0.0496	0.0528	0.9484
2.725	1.0371	0.9236	1.0320	0.0501	0.0522	0.9484
2.750	1.0986	0.8979	1.0550	0.0506	0.0516	0.9484
2.775	0.9813	0.8847	1.0755	0.0510	0.0510	0.9485
2.800	1.0671	0.8743	1.0955	0.0514	0.0505	0.9486
2.825	1.1877	0.8644	1.1069	0.0518	0.0501	0.9487
2.850	1.1919	0.8592	1.1165	0.0523	0.0496	0.9488
2.875	1.1572	0.8567	1.1236	0.0527	0.0493	0.9490
2.900	1.1528	0.8490	1.1238	0.0531	0.0489	0.9492
2.925	1.1822	0.8517	1.1214	0.0534	0.0487	0.9493
2.950	1.1207	0.8599	1.1147	0.0537	0.0485	0.9495
2.975	1.2359	0.8619	1.1058	0.0540	0.0483	0.9497
3.000	1.2394	0.8687	1.0954	0.0543	0.0482	0.9498
3.025	1.2253	0.8767	1.0821	0.0546	0.0481	0.9500
3.050	1.2628	0.8849	1.0670	0.0549	0.0481	0.9501
3.075	1.2760	0.8938	1.0503	0.0551	0.0481	0.9501
3.100	1.2028	0.9129	1.0333	0.0553	0.0482	0.9502
3.125	1.3346	0.9259	1.0185	0.0554	0.0483	0.9502
3.150	1.2349	0.9361	1.0015	0.0556	0.0484	0.9502
3.175	1.2456	0.9557	0.9850	0.0557	0.0485	0.9502
3.200	1.2431	0.9651	0.9705	0.0557	0.0487	0.9502
3.225	1.2489	0.9858	0.9589	0.0557	0.0489	0.9501
3.250	1.1423	1.0007	0.9462	0.0557	0.0491	0.9501
3.275	1.1478	1.0072	0.9381	0.0556	0.0494	0.9500
3.300	1.2021	1.0196	0.9304	0.0555	0.0496	0.9500
3.325	1.1527	1.0354	0.9262	0.0554	0.0498	0.9499
3.350	1.1639	1.0438	0.9225	0.0552	0.0501	0.9498
3.375	1.1277	1.0511	0.9231	0.0551	0.0503	0.9497
3.400	1.1074	1.0656	0.9224	0.0549	0.0505	0.9497
3.425	1.0519	1.0724	0.9274	0.0546	0.0507	0.9496
3.450	1.0768	1.0808	0.9329	0.0543	0.0509	0.9495
3.475	1.1176	1.0774	0.9405	0.0541	0.0511	0.9495
3.500	1.1111	1.0864	0.9489	0.0539	0.0512	0.9495
3.525	1.0605	1.0824	0.9597	0.0536	0.0513	0.9494
3.550	1.0640	1.0874	0.9717	0.0533	0.0514	0.9494
3.575	1.0175	1.0797	0.9811	0.0530	0.0515	0.9494
3.600	0.9800	1.0832	0.9947	0.0527	0.0516	0.9494
3.625	1.0094	1.0819	1.0063	0.0524	0.0516	0.9494
3.650	0.9859	1.0688	1.0163	0.0521	0.0516	0.9494
3.675	1.0239	1.0677	1.0258	0.0518	0.0516	0.9495
3.700	1.0206	1.0628	1.0355	0.0516	0.0515	0.9495
3.725	0.9247	1.0518	1.0420	0.0513	0.0515	0.9496
3.750	0.9833	1.0434	1.0486	0.0511	0.0514	0.9496
3.775	0.8700	1.0388	1.0534	0.0508	0.0513	0.9497
3.800	0.9406	1.0334	1.0542	0.0506	0.0512	0.9498
3.825	0.9254	1.0223	1.0558	0.0504	0.0511	0.9498
3.850	0.8588	1.0143	1.0532	0.0502	0.0509	0.9499
3.875	0.9228	1.0021	1.0503	0.0500	0.0508	0.9499
3.900	0.8749	0.9956	1.0464	0.0498	0.0507	0.9500
3.925	0.9332	0.9818	1.0419	0.0497	0.0505	0.9500
3.950	0.9215	0.9749	1.0356	0.0496	0.0504	0.9501
3.975	1.0041	0.9670	1.0308	0.0496	0.0503	0.9501
4.000	1.0000	1.0000	1.0000	0.0496	0.0502	0.9501

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.127 x_1= 0.0995 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0000	0.0001	0.0003	1.0000	1.0000	0.0001
0.900	0.0059	0.0051	0.0089	1.0000	1.0000	0.0020
0.925	0.1057	0.0571	0.0960	1.0000	1.0000	0.0257
0.950	0.4112	0.3088	0.4442	1.0000	1.0000	0.1387
0.975	1.2313	0.8720	1.1525	1.0000	1.0000	0.3607
1.000	2.3982	1.6698	2.0256	1.0000	1.0000	0.5758
1.025	3.6368	2.4201	2.6976	1.0000	1.0000	0.7148
1.050	4.2598	2.8943	3.0144	1.0000	1.0000	0.7938
1.075	4.7022	3.0930	2.9875	1.0000	1.0000	0.8389
1.100	4.7033	3.0434	2.7653	1.0000	1.0000	0.8659
1.125	4.5154	2.8558	2.4447	1.0000	1.0000	0.8827
1.150	4.0766	2.5881	2.1088	1.0000	1.0000	0.8936
1.175	4.0531	2.2839	1.8024	1.0000	0.9998	0.9009
1.200	3.6944	2.0101	1.5394	1.0000	0.9980	0.9057
1.225	2.9331	1.7983	1.3218	1.0000	0.9853	0.9090
1.250	2.6495	1.5841	1.1419	1.0000	0.9338	0.9111
1.275	2.4032	1.3903	0.9972	1.0000	0.8129	0.9125
1.300	2.0976	1.2614	0.8821	1.0000	0.6393	0.9131
1.325	2.1114	1.1498	0.7922	0.9999	0.4715	0.9132
1.350	1.7519	1.0347	0.7220	0.9992	0.3454	0.9129
1.375	1.6888	0.9570	0.6742	0.9955	0.2610	0.9123
1.400	1.5489	0.8861	0.6288	0.9796	0.2062	0.9114
1.425	1.4154	0.8345	0.6021	0.9345	0.1702	0.9103
1.450	1.3760	0.7812	0.5835	0.8464	0.1460	0.9089
1.475	1.2620	0.7381	0.5730	0.7217	0.1292	0.9073
1.500	1.1040	0.7105	0.5750	0.5864	0.1173	0.9056
1.525	1.0988	0.6831	0.5803	0.4662	0.1087	0.9038
1.550	1.0755	0.6800	0.5925	0.3723	0.1024	0.9020
1.575	0.9917	0.6674	0.6080	0.3030	0.0977	0.9000
1.600	0.9312	0.6579	0.6328	0.2526	0.0943	0.8981
1.625	0.9244	0.6501	0.6643	0.2159	0.0917	0.8963
1.650	0.8634	0.6558	0.7014	0.1889	0.0898	0.8946
1.675	0.8277	0.6535	0.7392	0.1687	0.0885	0.8930
1.700	0.7689	0.6605	0.7862	0.1532	0.0875	0.8916
1.725	0.8492	0.6780	0.8396	0.1414	0.0870	0.8904
1.750	0.8157	0.6945	0.8932	0.1324	0.0868	0.8894
1.775	0.7506	0.7049	0.9524	0.1252	0.0868	0.8886
1.800	0.7050	0.7193	1.0102	0.1194	0.0871	0.8881
1.825	0.7258	0.7454	1.0619	0.1146	0.0875	0.8880
1.850	0.7230	0.7608	1.1099	0.1108	0.0881	0.8881
1.875	0.7499	0.7859	1.1490	0.1077	0.0888	0.8884
1.900	0.7777	0.8103	1.1868	0.1053	0.0897	0.8890
1.925	0.7807	0.8342	1.2206	0.1034	0.0908	0.8899
1.950	0.7333	0.8699	1.2442	0.1018	0.0919	0.8909
1.975	0.7869	0.8904	1.2627	0.1005	0.0931	0.8921
2.000	0.7411	0.9115	1.2751	0.0994	0.0944	0.8934
2.025	0.7891	0.9481	1.2829	0.0987	0.0957	0.8947
2.050	0.8119	0.9636	1.2810	0.0981	0.0971	0.8961
2.075	0.7792	0.9995	1.2651	0.0978	0.0985	0.8974
2.100	0.8567	1.0227	1.2439	0.0976	0.1000	0.8986
2.125	0.8367	1.0463	1.2133	0.0976	0.1014	0.8997
2.150	0.8071	1.0695	1.1710	0.0976	0.1028	0.9007
2.175	0.8218	1.0938	1.1284	0.0977	0.1041	0.9016
2.200	0.7973	1.1098	1.0827	0.0978	0.1054	0.9022
2.225	0.8593	1.1285	1.0389	0.0981	0.1066	0.9027
2.250	0.7990	1.1483	0.9972	0.0984	0.1077	0.9031
2.275	0.8477	1.1703	0.9585	0.0988	0.1087	0.9033
2.300	0.8510	1.1863	0.9231	0.0992	0.1096	0.9033
2.325	0.8856	1.2061	0.8912	0.0997	0.1104	0.9033
2.350	0.8910	1.2272	0.8640	0.1002	0.1111	0.9031
2.375	0.8428	1.2223	0.8469	0.1007	0.1116	0.9028
2.400	0.8774	1.2241	0.8365	0.1012	0.1119	0.9024
2.425	0.9597	1.2274	0.8256	0.1019	0.1120	0.9019
2.450	0.9030	1.2164	0.8246	0.1026	0.1120	0.9014
2.475	0.9384	1.2025	0.8274	0.1032	0.1119	0.9009
2.500	0.9243	1.1762	0.8328	0.1038	0.1116	0.9004
2.525	0.9553	1.1512	0.8458	0.1045	0.1111	0.8998

2.550	0.9989	1.1278	0.8605	0.1052	0.1106	0.8993
2.575	1.0227	1.0992	0.8801	0.1060	0.1099	0.8989
2.600	0.9946	1.0680	0.9021	0.1067	0.1091	0.8985
2.625	0.9868	1.0399	0.9287	0.1074	0.1082	0.8981
2.650	1.0117	1.0107	0.9518	0.1080	0.1072	0.8978
2.675	1.0374	0.9908	0.9757	0.1086	0.1063	0.8976
2.700	1.0477	0.9645	1.0026	0.1093	0.1053	0.8975
2.725	1.0907	0.9493	1.0245	0.1099	0.1043	0.8974
2.750	1.0842	0.9303	1.0469	0.1106	0.1033	0.8974
2.775	1.0919	0.9061	1.0640	0.1112	0.1023	0.8975
2.800	1.0992	0.9027	1.0796	0.1117	0.1014	0.8976
2.825	1.1156	0.8843	1.0933	0.1123	0.1005	0.8978
2.850	1.1125	0.8769	1.1004	0.1128	0.0997	0.8981
2.875	1.0702	0.8695	1.1051	0.1131	0.0990	0.8983
2.900	1.1741	0.8671	1.1066	0.1135	0.0984	0.8986
2.925	1.2019	0.8673	1.1041	0.1140	0.0979	0.8989
2.950	1.1756	0.8682	1.1016	0.1144	0.0975	0.8992
2.975	1.1538	0.8722	1.0963	0.1147	0.0972	0.8994
3.000	1.1970	0.8783	1.0871	0.1150	0.0969	0.8997
3.025	1.2158	0.8844	1.0754	0.1152	0.0968	0.8999
3.050	1.2589	0.8915	1.0640	0.1155	0.0967	0.9001
3.075	1.2546	0.8981	1.0491	0.1158	0.0967	0.9002
3.100	1.2458	0.9094	1.0371	0.1160	0.0967	0.9003
3.125	1.2192	0.9232	1.0238	0.1161	0.0969	0.9004
3.150	1.2368	0.9377	1.0096	0.1162	0.0971	0.9004
3.175	1.2674	0.9519	0.9967	0.1162	0.0973	0.9004
3.200	1.2296	0.9617	0.9858	0.1162	0.0976	0.9004
3.225	1.1813	0.9797	0.9717	0.1161	0.0979	0.9004
3.250	1.2367	0.9938	0.9614	0.1160	0.0983	0.9003
3.275	1.1575	1.0022	0.9530	0.1157	0.0987	0.9002
3.300	1.1929	1.0191	0.9439	0.1155	0.0991	0.9001
3.325	1.1092	1.0277	0.9391	0.1151	0.0995	0.9000
3.350	1.1118	1.0402	0.9331	0.1147	0.0999	0.8999
3.375	1.1133	1.0488	0.9335	0.1142	0.1003	0.8998
3.400	1.0978	1.0542	0.9323	0.1137	0.1007	0.8996
3.425	1.0275	1.0575	0.9349	0.1132	0.1010	0.8995
3.450	1.0483	1.0628	0.9382	0.1125	0.1014	0.8994
3.475	0.9666	1.0680	0.9449	0.1118	0.1016	0.8993
3.500	1.0092	1.0689	0.9516	0.1111	0.1019	0.8993
3.525	0.9842	1.0708	0.9616	0.1104	0.1021	0.8992
3.550	1.0210	1.0774	0.9708	0.1097	0.1023	0.8992
3.575	0.9491	1.0750	0.9814	0.1090	0.1024	0.8991
3.600	0.9444	1.0732	0.9923	0.1083	0.1025	0.8991
3.625	0.9368	1.0674	1.0016	0.1075	0.1026	0.8992
3.650	0.9351	1.0621	1.0116	0.1068	0.1026	0.8992
3.675	0.9517	1.0652	1.0211	0.1061	0.1025	0.8993
3.700	0.9263	1.0558	1.0282	0.1055	0.1025	0.8993
3.725	0.9335	1.0527	1.0360	0.1049	0.1024	0.8994
3.750	0.9042	1.0427	1.0406	0.1043	0.1023	0.8995
3.775	0.9219	1.0381	1.0446	0.1038	0.1021	0.8996
3.800	0.9234	1.0304	1.0473	0.1033	0.1019	0.8997
3.825	0.9169	1.0261	1.0467	0.1028	0.1018	0.8998
3.850	0.9037	1.0174	1.0463	0.1024	0.1016	0.8999
3.875	0.8975	1.0091	1.0458	0.1020	0.1014	0.9000
3.900	0.9198	0.9998	1.0415	0.1017	0.1011	0.9001
3.925	0.9393	0.9877	1.0374	0.1014	0.1009	0.9001
3.950	0.9345	0.9845	1.0309	0.1012	0.1007	0.9002
3.975	0.9210	0.9789	1.0284	0.1011	0.1005	0.9003
4.000	1.0000	1.0000	1.0000	0.1010	0.1003	0.9003

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.147 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0010	0.0001	0.0003	1.0000	1.0000	0.0000
0.900	0.0030	0.0045	0.0094	1.0000	1.0000	0.0007
0.925	0.0791	0.0591	0.0959	1.0000	1.0000	0.0089
0.950	0.3637	0.3012	0.4427	1.0000	1.0000	0.0515
0.975	0.9831	0.8521	1.1403	1.0000	1.0000	0.1588
1.000	2.0125	1.6166	1.9870	1.0000	1.0000	0.3108
1.025	2.8748	2.3662	2.6392	1.0000	1.0000	0.4531
1.050	3.6350	2.8449	2.9513	1.0000	1.0000	0.5593
1.075	3.9532	3.0460	2.9300	1.0000	1.0000	0.6317
1.100	4.0087	2.9938	2.7071	1.0000	1.0000	0.6797
1.125	3.9578	2.7952	2.3950	1.0000	1.0000	0.7119
1.150	3.5514	2.5346	2.0635	1.0000	1.0000	0.7335
1.175	3.2103	2.2652	1.7712	1.0000	0.9999	0.7484
1.200	2.8860	2.0010	1.5219	1.0000	0.9993	0.7585
1.225	2.5697	1.7666	1.3076	1.0000	0.9949	0.7653
1.250	2.3752	1.5653	1.1312	1.0000	0.9766	0.7697
1.275	2.0599	1.4054	0.9876	1.0000	0.9282	0.7721
1.300	1.8773	1.2549	0.8834	1.0000	0.8412	0.7732
1.325	1.7023	1.1420	0.7991	1.0000	0.7282	0.7732
1.350	1.5034	1.0403	0.7356	0.9998	0.6142	0.7723
1.375	1.4101	0.9516	0.6838	0.9982	0.5168	0.7708
1.400	1.2947	0.8870	0.6451	0.9918	0.4407	0.7688
1.425	1.2030	0.8362	0.6267	0.9735	0.3837	0.7664
1.450	1.1566	0.7937	0.6109	0.9345	0.3419	0.7636
1.475	1.0844	0.7539	0.6107	0.8709	0.3110	0.7607
1.500	1.0209	0.7273	0.6167	0.7877	0.2881	0.7575
1.525	0.9630	0.7089	0.6298	0.6962	0.2711	0.7543
1.550	0.9382	0.6889	0.6463	0.6087	0.2584	0.7511
1.575	0.8746	0.6880	0.6651	0.5325	0.2487	0.7479
1.600	0.9060	0.6841	0.6899	0.4698	0.2415	0.7448
1.625	0.8635	0.6865	0.7165	0.4196	0.2361	0.7418
1.650	0.8253	0.6902	0.7462	0.3799	0.2322	0.7390
1.675	0.8048	0.6985	0.7795	0.3486	0.2295	0.7363
1.700	0.7799	0.7159	0.8153	0.3238	0.2279	0.7340
1.725	0.7636	0.7258	0.8506	0.3042	0.2270	0.7318
1.750	0.7852	0.7389	0.8998	0.2885	0.2267	0.7300
1.775	0.7440	0.7545	0.9436	0.2759	0.2270	0.7286
1.800	0.7063	0.7668	0.9888	0.2656	0.2277	0.7276
1.825	0.7311	0.7823	1.0349	0.2572	0.2287	0.7270
1.850	0.7089	0.7952	1.0735	0.2505	0.2301	0.7270
1.875	0.7094	0.8090	1.1137	0.2449	0.2318	0.7274
1.900	0.7188	0.8327	1.1449	0.2404	0.2336	0.7283
1.925	0.7349	0.8448	1.1746	0.2368	0.2357	0.7296
1.950	0.7514	0.8663	1.2023	0.2341	0.2378	0.7313
1.975	0.7452	0.8895	1.2273	0.2319	0.2401	0.7334
2.000	0.7579	0.9151	1.2392	0.2303	0.2425	0.7357
2.025	0.7416	0.9407	1.2500	0.2290	0.2449	0.7382
2.050	0.7701	0.9589	1.2545	0.2282	0.2473	0.7407
2.075	0.7866	0.9754	1.2403	0.2278	0.2497	0.7432
2.100	0.8052	0.9968	1.2204	0.2278	0.2521	0.7455
2.125	0.8042	1.0227	1.1960	0.2280	0.2544	0.7476
2.150	0.8041	1.0446	1.1531	0.2284	0.2567	0.7495
2.175	0.8088	1.0622	1.1180	0.2289	0.2589	0.7510
2.200	0.8075	1.0881	1.0749	0.2295	0.2610	0.7523
2.225	0.8176	1.1062	1.0349	0.2303	0.2630	0.7532
2.250	0.8277	1.1245	0.9986	0.2312	0.2649	0.7538
2.275	0.8465	1.1439	0.9638	0.2323	0.2666	0.7542
2.300	0.8532	1.1634	0.9357	0.2335	0.2682	0.7543
2.325	0.8345	1.1829	0.9093	0.2347	0.2696	0.7541
2.350	0.8639	1.1928	0.8889	0.2359	0.2708	0.7538
2.375	0.8833	1.2017	0.8749	0.2372	0.2717	0.7533
2.400	0.8679	1.2042	0.8619	0.2386	0.2724	0.7526
2.425	0.9037	1.2004	0.8581	0.2399	0.2729	0.7519
2.450	0.8916	1.2004	0.8573	0.2413	0.2731	0.7511
2.475	0.8915	1.1828	0.8595	0.2426	0.2730	0.7502
2.500	0.9029	1.1652	0.8672	0.2439	0.2726	0.7494
2.525	0.9263	1.1421	0.8774	0.2453	0.2720	0.7485

2.550	0.9352	1.1210	0.8927	0.2466	0.2711	0.7477
2.575	0.9352	1.0916	0.9061	0.2478	0.2700	0.7470
2.600	0.9493	1.0646	0.9256	0.2491	0.2687	0.7464
2.625	0.9588	1.0389	0.9423	0.2503	0.2671	0.7458
2.650	0.9696	1.0165	0.9610	0.2515	0.2655	0.7454
2.675	0.9853	0.9932	0.9775	0.2526	0.2637	0.7451
2.700	0.9840	0.9732	0.9977	0.2538	0.2618	0.7448
2.725	1.0005	0.9544	1.0139	0.2548	0.2600	0.7447
2.750	1.0119	0.9348	1.0296	0.2559	0.2581	0.7447
2.775	1.0194	0.9247	1.0450	0.2570	0.2562	0.7448
2.800	1.0361	0.9127	1.0578	0.2580	0.2545	0.7450
2.825	1.0543	0.9024	1.0654	0.2590	0.2529	0.7452
2.850	1.0678	0.9017	1.0746	0.2600	0.2514	0.7455
2.875	1.0707	0.8941	1.0789	0.2610	0.2501	0.7459
2.900	1.0979	0.8929	1.0825	0.2619	0.2490	0.7463
2.925	1.1093	0.8957	1.0801	0.2629	0.2480	0.7468
2.950	1.1130	0.8935	1.0777	0.2637	0.2472	0.7473
2.975	1.1431	0.8949	1.0765	0.2646	0.2466	0.7478
3.000	1.1624	0.8980	1.0688	0.2654	0.2462	0.7482
3.025	1.1579	0.9048	1.0628	0.2662	0.2459	0.7486
3.050	1.1757	0.9141	1.0531	0.2668	0.2457	0.7489
3.075	1.1799	0.9194	1.0432	0.2675	0.2457	0.7491
3.100	1.1729	0.9331	1.0351	0.2680	0.2459	0.7493
3.125	1.1896	0.9403	1.0240	0.2685	0.2461	0.7494
3.150	1.1816	0.9498	1.0107	0.2690	0.2465	0.7495
3.175	1.1876	0.9587	1.0019	0.2693	0.2469	0.7496
3.200	1.1641	0.9716	0.9904	0.2695	0.2474	0.7496
3.225	1.1655	0.9781	0.9828	0.2696	0.2479	0.7495
3.250	1.1464	0.9889	0.9740	0.2695	0.2485	0.7494
3.275	1.1437	0.9990	0.9653	0.2694	0.2491	0.7493
3.300	1.1301	1.0102	0.9604	0.2692	0.2498	0.7492
3.325	1.1083	1.0157	0.9533	0.2688	0.2504	0.7490
3.350	1.1024	1.0229	0.9528	0.2683	0.2511	0.7488
3.375	1.0964	1.0325	0.9507	0.2678	0.2517	0.7487
3.400	1.0781	1.0339	0.9496	0.2671	0.2523	0.7485
3.425	1.0681	1.0394	0.9516	0.2664	0.2528	0.7483
3.450	1.0305	1.0483	0.9566	0.2656	0.2533	0.7482
3.475	1.0199	1.0524	0.9617	0.2646	0.2537	0.7480
3.500	1.0024	1.0575	0.9653	0.2636	0.2542	0.7479
3.525	1.0127	1.0536	0.9731	0.2625	0.2545	0.7479
3.550	0.9926	1.0595	0.9774	0.2614	0.2548	0.7478
3.575	0.9685	1.0577	0.9856	0.2603	0.2550	0.7478
3.600	0.9636	1.0548	0.9926	0.2592	0.2552	0.7478
3.625	0.9563	1.0560	0.9978	0.2580	0.2553	0.7478
3.650	0.9401	1.0561	1.0057	0.2569	0.2553	0.7479
3.675	0.9365	1.0533	1.0134	0.2557	0.2553	0.7479
3.700	0.9299	1.0476	1.0186	0.2546	0.2552	0.7480
3.725	0.9148	1.0425	1.0232	0.2536	0.2551	0.7482
3.750	0.9183	1.0418	1.0286	0.2526	0.2549	0.7483
3.775	0.9066	1.0333	1.0315	0.2516	0.2547	0.7484
3.800	0.9151	1.0278	1.0329	0.2508	0.2545	0.7486
3.825	0.9156	1.0202	1.0334	0.2500	0.2542	0.7487
3.850	0.9102	1.0166	1.0343	0.2493	0.2539	0.7489
3.875	0.9076	1.0118	1.0319	0.2487	0.2535	0.7490
3.900	0.9070	1.0000	1.0295	0.2481	0.2532	0.7492
3.925	0.9107	0.9970	1.0296	0.2476	0.2528	0.7493
3.950	0.9186	0.9928	1.0240	0.2472	0.2525	0.7494
3.975	0.9272	0.9803	1.0200	0.2469	0.2521	0.7495
4.000	1.0000	1.0000	1.0000	0.2468	0.2518	0.7495

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ*= 0.200 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0002	0.0001	0.0002	1.0000	1.0000	0.0000
0.900	0.0059	0.0047	0.0097	1.0000	1.0000	0.0003
0.925	0.0597	0.0570	0.0932	1.0000	1.0000	0.0031
0.950	0.3035	0.2951	0.4296	1.0000	1.0000	0.0180
0.975	0.9290	0.8349	1.1118	1.0000	1.0000	0.0600
1.000	1.7817	1.5845	1.9211	1.0000	1.0000	0.1319
1.025	2.6728	2.2812	2.5402	1.0000	1.0000	0.2174
1.050	3.2854	2.7296	2.8166	1.0000	1.0000	0.2973
1.075	3.5779	2.8997	2.8011	1.0000	1.0000	0.3625
1.100	3.6175	2.8455	2.5877	1.0000	1.0000	0.4121
1.125	3.4871	2.6743	2.2788	1.0000	1.0000	0.4483
1.150	3.1917	2.4307	1.9769	1.0000	1.0000	0.4742
1.175	2.9043	2.1554	1.6880	1.0000	1.0000	0.4924
1.200	2.6294	1.9138	1.4463	1.0000	0.9997	0.5047
1.225	2.3508	1.7017	1.2366	1.0000	0.9982	0.5127
1.250	2.0796	1.5116	1.0811	1.0000	0.9919	0.5171
1.275	1.8907	1.3583	0.9616	1.0000	0.9745	0.5191
1.300	1.6786	1.2224	0.8635	1.0000	0.9400	0.5193
1.325	1.5452	1.1150	0.7891	1.0000	0.8882	0.5180
1.350	1.4232	1.0221	0.7368	0.9999	0.8257	0.5158
1.375	1.3045	0.9505	0.6981	0.9994	0.7616	0.5130
1.400	1.2113	0.8916	0.6794	0.9971	0.7027	0.5099
1.425	1.1388	0.8491	0.6673	0.9903	0.6523	0.5066
1.450	1.0517	0.8092	0.6740	0.9755	0.6109	0.5035
1.475	0.9949	0.7790	0.6836	0.9494	0.5777	0.5005
1.500	0.9561	0.7594	0.7133	0.9116	0.5517	0.4977
1.525	0.9036	0.7488	0.7438	0.8648	0.5315	0.4954
1.550	0.8585	0.7404	0.7672	0.8136	0.5159	0.4933
1.575	0.8283	0.7439	0.7965	0.7624	0.5041	0.4914
1.600	0.8069	0.7551	0.8182	0.7147	0.4953	0.4897
1.625	0.7874	0.7653	0.8365	0.6721	0.4890	0.4881
1.650	0.7686	0.7860	0.8493	0.6353	0.4847	0.4865
1.675	0.7623	0.8070	0.8595	0.6039	0.4822	0.4849
1.700	0.7430	0.8229	0.8791	0.5775	0.4809	0.4833
1.725	0.7284	0.8375	0.8890	0.5553	0.4806	0.4817
1.750	0.7357	0.8584	0.9108	0.5370	0.4812	0.4801
1.775	0.7179	0.8623	0.9328	0.5219	0.4825	0.4786
1.800	0.7248	0.8716	0.9608	0.5095	0.4842	0.4774
1.825	0.7318	0.8780	0.9869	0.4992	0.4863	0.4765
1.850	0.7352	0.8762	1.0210	0.4908	0.4886	0.4761
1.875	0.7604	0.8835	1.0493	0.4842	0.4909	0.4762
1.900	0.7609	0.8940	1.0690	0.4788	0.4934	0.4767
1.925	0.7679	0.8876	1.1037	0.4746	0.4958	0.4776
1.950	0.7811	0.8981	1.1274	0.4714	0.4981	0.4791
1.975	0.7861	0.9034	1.1517	0.4690	0.5003	0.4809
2.000	0.8094	0.9147	1.1757	0.4674	0.5023	0.4831
2.025	0.8145	0.9231	1.1860	0.4664	0.5041	0.4855
2.050	0.8234	0.9376	1.1896	0.4660	0.5057	0.4880
2.075	0.8339	0.9483	1.1879	0.4660	0.5072	0.4905
2.100	0.8264	0.9641	1.1728	0.4663	0.5086	0.4929
2.125	0.8453	0.9804	1.1474	0.4669	0.5099	0.4951
2.150	0.8515	1.0012	1.1202	0.4678	0.5111	0.4970
2.175	0.8649	1.0135	1.0879	0.4689	0.5123	0.4985
2.200	0.8573	1.0287	1.0541	0.4702	0.5135	0.4997
2.225	0.8560	1.0466	1.0237	0.4716	0.5147	0.5005
2.250	0.8618	1.0658	0.9967	0.4731	0.5159	0.5010
2.275	0.8562	1.0831	0.9722	0.4746	0.5171	0.5012
2.300	0.8503	1.1064	0.9514	0.4760	0.5183	0.5013
2.325	0.8538	1.1224	0.9302	0.4774	0.5195	0.5010
2.350	0.8576	1.1340	0.9221	0.4789	0.5207	0.5007
2.375	0.8619	1.1454	0.9135	0.4803	0.5217	0.5002
2.400	0.8580	1.1498	0.9074	0.4816	0.5226	0.4996
2.425	0.8619	1.1539	0.9058	0.4829	0.5233	0.4990
2.450	0.8676	1.1439	0.9150	0.4840	0.5237	0.4984
2.475	0.8805	1.1393	0.9156	0.4852	0.5239	0.4978
2.500	0.8757	1.1268	0.9265	0.4862	0.5238	0.4973
2.525	0.8798	1.1063	0.9347	0.4871	0.5235	0.4968

2.550	0.8949	1.0928	0.9447	0.4879	0.5229	0.4964
2.575	0.9015	1.0719	0.9566	0.4887	0.5221	0.4960
2.600	0.9168	1.0510	0.9653	0.4896	0.5209	0.4957
2.625	0.9193	1.0347	0.9760	0.4903	0.5196	0.4955
2.650	0.9329	1.0151	0.9811	0.4910	0.5181	0.4952
2.675	0.9344	1.0018	0.9928	0.4918	0.5163	0.4951
2.700	0.9528	0.9840	1.0017	0.4925	0.5145	0.4950
2.725	0.9621	0.9691	1.0120	0.4933	0.5126	0.4950
2.750	0.9717	0.9575	1.0141	0.4941	0.5107	0.4951
2.775	0.9790	0.9508	1.0228	0.4950	0.5088	0.4952
2.800	0.9934	0.9460	1.0259	0.4958	0.5071	0.4953
2.825	1.0099	0.9398	1.0326	0.4968	0.5054	0.4955
2.850	1.0224	0.9385	1.0340	0.4977	0.5039	0.4957
2.875	1.0362	0.9384	1.0395	0.4987	0.5026	0.4959
2.900	1.0298	0.9350	1.0416	0.4997	0.5015	0.4962
2.925	1.0506	0.9388	1.0413	0.5007	0.5006	0.4965
2.950	1.0615	0.9422	1.0427	0.5017	0.4999	0.4969
2.975	1.0785	0.9449	1.0410	0.5027	0.4994	0.4972
3.000	1.0861	0.9480	1.0404	0.5037	0.4990	0.4976
3.025	1.0905	0.9508	1.0362	0.5047	0.4988	0.4979
3.050	1.0954	0.9552	1.0336	0.5057	0.4987	0.4981
3.075	1.1015	0.9624	1.0277	0.5066	0.4988	0.4984
3.100	1.1155	0.9665	1.0220	0.5075	0.4990	0.4986
3.125	1.1190	0.9701	1.0168	0.5083	0.4992	0.4987
3.150	1.1170	0.9776	1.0098	0.5091	0.4996	0.4988
3.175	1.1021	0.9797	1.0021	0.5097	0.5000	0.4989
3.200	1.1138	0.9845	0.9978	0.5102	0.5004	0.4989
3.225	1.1114	0.9872	0.9909	0.5106	0.5008	0.4989
3.250	1.1015	0.9910	0.9875	0.5110	0.5013	0.4989
3.275	1.0902	0.9951	0.9840	0.5112	0.5017	0.4988
3.300	1.0862	0.9988	0.9798	0.5113	0.5022	0.4987
3.325	1.0704	1.0029	0.9785	0.5113	0.5026	0.4986
3.350	1.0607	1.0070	0.9753	0.5111	0.5030	0.4985
3.375	1.0549	1.0089	0.9758	0.5108	0.5033	0.4984
3.400	1.0390	1.0121	0.9765	0.5104	0.5036	0.4983
3.425	1.0333	1.0167	0.9780	0.5099	0.5039	0.4982
3.450	1.0156	1.0177	0.9815	0.5093	0.5041	0.4982
3.475	1.0071	1.0242	0.9854	0.5085	0.5044	0.4981
3.500	1.0079	1.0252	0.9887	0.5077	0.5045	0.4981
3.525	0.9940	1.0265	0.9900	0.5069	0.5047	0.4981
3.550	0.9914	1.0283	0.9928	0.5059	0.5048	0.4981
3.575	0.9752	1.0276	0.9954	0.5050	0.5049	0.4981
3.600	0.9738	1.0261	1.0001	0.5040	0.5050	0.4981
3.625	0.9730	1.0260	1.0038	0.5030	0.5050	0.4982
3.650	0.9568	1.0268	1.0049	0.5019	0.5049	0.4982
3.675	0.9572	1.0248	1.0099	0.5009	0.5049	0.4983
3.700	0.9530	1.0246	1.0106	0.5000	0.5048	0.4984
3.725	0.9485	1.0237	1.0091	0.4990	0.5047	0.4985
3.750	0.9467	1.0249	1.0118	0.4981	0.5046	0.4985
3.775	0.9450	1.0213	1.0147	0.4973	0.5045	0.4986
3.800	0.9386	1.0182	1.0144	0.4966	0.5043	0.4987
3.825	0.9379	1.0138	1.0154	0.4959	0.5041	0.4988
3.850	0.9430	1.0127	1.0133	0.4953	0.5039	0.4989
3.875	0.9512	1.0068	1.0131	0.4947	0.5037	0.4990
3.900	0.9517	1.0068	1.0143	0.4943	0.5035	0.4991
3.925	0.9435	1.0029	1.0117	0.4940	0.5032	0.4992
3.950	0.9505	0.9991	1.0114	0.4937	0.5030	0.4992
3.975	0.9467	0.9932	1.0101	0.4935	0.5027	0.4993
4.000	1.0000	1.0000	1.0000	0.4934	0.5024	0.4994

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.319 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0001	0.0002	0.0003	1.0000	1.0000	0.0000
0.900	0.0044	0.0054	0.0096	1.0000	1.0000	0.0001
0.925	0.0573	0.0581	0.0938	1.0000	1.0000	0.0011
0.950	0.3018	0.2882	0.4316	1.0000	1.0000	0.0066
0.975	0.8628	0.8018	1.0913	1.0000	1.0000	0.0224
1.000	1.7021	1.5035	1.8262	1.0000	1.0000	0.0508
1.025	2.4913	2.1622	2.3854	1.0000	1.0000	0.0878
1.050	3.0556	2.5680	2.5942	1.0000	1.0000	0.1263
1.075	3.3153	2.6964	2.5575	1.0000	1.0000	0.1612
1.100	3.3183	2.6407	2.3231	1.0000	1.0000	0.1898
1.125	3.1575	2.4616	2.0482	1.0000	1.0000	0.2118
1.150	2.9013	2.2192	1.7440	1.0000	1.0000	0.2279
1.175	2.6267	1.9660	1.4988	1.0000	1.0000	0.2389
1.200	2.3559	1.7369	1.2999	1.0000	0.9999	0.2460
1.225	2.1046	1.5440	1.1293	1.0000	0.9994	0.2499
1.250	1.9062	1.3802	0.9923	1.0000	0.9971	0.2513
1.275	1.7232	1.2363	0.8879	1.0000	0.9906	0.2507
1.300	1.5369	1.1131	0.8101	1.0000	0.9776	0.2489
1.325	1.4053	1.0284	0.7586	1.0000	0.9573	0.2463
1.350	1.2819	0.9569	0.7228	1.0000	0.9314	0.2435
1.375	1.2021	0.8886	0.7085	0.9997	0.9024	0.2407
1.400	1.1053	0.8495	0.7030	0.9989	0.8737	0.2382
1.425	1.0346	0.8108	0.7323	0.9965	0.8470	0.2362
1.450	0.9767	0.7970	0.7713	0.9911	0.8237	0.2349
1.475	0.9285	0.7859	0.8157	0.9816	0.8041	0.2342
1.500	0.8803	0.7773	0.8722	0.9672	0.7882	0.2341
1.525	0.8516	0.7867	0.9167	0.9485	0.7756	0.2346
1.550	0.8254	0.8070	0.9603	0.9265	0.7661	0.2355
1.575	0.7993	0.8289	0.9906	0.9030	0.7590	0.2367
1.600	0.7836	0.8615	1.0042	0.8795	0.7540	0.2379
1.625	0.7743	0.9006	1.0001	0.8573	0.7508	0.2389
1.650	0.7647	0.9360	0.9859	0.8368	0.7491	0.2397
1.675	0.7589	0.9758	0.9832	0.8184	0.7487	0.2402
1.700	0.7614	0.9998	0.9601	0.8024	0.7493	0.2403
1.725	0.7690	1.0181	0.9534	0.7886	0.7506	0.2401
1.750	0.7720	1.0292	0.9409	0.7770	0.7523	0.2397
1.775	0.7743	1.0380	0.9367	0.7673	0.7544	0.2391
1.800	0.7979	1.0238	0.9402	0.7593	0.7565	0.2385
1.825	0.8109	1.0144	0.9484	0.7529	0.7586	0.2378
1.850	0.8312	0.9968	0.9621	0.7478	0.7606	0.2374
1.875	0.8510	0.9764	0.9871	0.7438	0.7623	0.2372
1.900	0.8733	0.9676	1.0010	0.7408	0.7638	0.2372
1.925	0.8938	0.9523	1.0331	0.7387	0.7649	0.2375
1.950	0.9137	0.9358	1.0565	0.7374	0.7656	0.2381
1.975	0.9377	0.9259	1.0771	0.7368	0.7659	0.2390
2.000	0.9547	0.9226	1.1010	0.7367	0.7659	0.2401
2.025	0.9780	0.9170	1.1098	0.7371	0.7655	0.2413
2.050	0.9907	0.9181	1.1095	0.7379	0.7650	0.2425
2.075	0.9985	0.9213	1.1092	0.7389	0.7642	0.2437
2.100	1.0034	0.9301	1.1097	0.7402	0.7633	0.2449
2.125	1.0056	0.9360	1.0900	0.7416	0.7624	0.2459
2.150	1.0064	0.9461	1.0739	0.7430	0.7616	0.2468
2.175	1.0031	0.9572	1.0512	0.7445	0.7608	0.2475
2.200	0.9902	0.9729	1.0262	0.7459	0.7603	0.2480
2.225	0.9821	0.9875	1.0105	0.7473	0.7599	0.2483
2.250	0.9752	1.0079	0.9852	0.7485	0.7597	0.2484
2.275	0.9593	1.0281	0.9708	0.7497	0.7597	0.2483
2.300	0.9526	1.0407	0.9622	0.7507	0.7599	0.2482
2.325	0.9390	1.0544	0.9495	0.7516	0.7602	0.2479
2.350	0.9304	1.0714	0.9471	0.7522	0.7606	0.2477
2.375	0.9221	1.0804	0.9514	0.7527	0.7611	0.2474
2.400	0.9147	1.0849	0.9529	0.7530	0.7615	0.2471
2.425	0.9074	1.0893	0.9550	0.7532	0.7620	0.2469
2.450	0.8973	1.0848	0.9663	0.7531	0.7624	0.2468
2.475	0.8963	1.0768	0.9780	0.7528	0.7627	0.2467
2.500	0.8985	1.0647	0.9820	0.7525	0.7628	0.2467
2.525	0.8945	1.0576	0.9854	0.7520	0.7628	0.2467

2.550	0.8938	1.0426	0.9948	0.7514	0.7627	0.2467
2.575	0.8977	1.0326	0.9988	0.7507	0.7623	0.2468
2.600	0.9005	1.0191	1.0023	0.7501	0.7619	0.2469
2.625	0.9042	1.0058	1.0106	0.7494	0.7612	0.2470
2.650	0.9138	0.9975	1.0054	0.7487	0.7605	0.2471
2.675	0.9204	0.9859	1.0086	0.7482	0.7596	0.2472
2.700	0.9216	0.9843	1.0080	0.7476	0.7587	0.2473
2.725	0.9343	0.9758	1.0071	0.7472	0.7578	0.2473
2.750	0.9432	0.9713	1.0068	0.7469	0.7569	0.2474
2.775	0.9506	0.9682	1.0056	0.7467	0.7560	0.2474
2.800	0.9602	0.9660	1.0071	0.7466	0.7551	0.2475
2.825	0.9770	0.9694	1.0032	0.7466	0.7543	0.2475
2.850	0.9840	0.9689	1.0091	0.7468	0.7536	0.2475
2.875	0.9936	0.9727	1.0067	0.7470	0.7530	0.2476
2.900	1.0084	0.9718	1.0061	0.7473	0.7525	0.2477
2.925	1.0137	0.9761	1.0101	0.7477	0.7521	0.2477
2.950	1.0234	0.9833	1.0180	0.7482	0.7518	0.2478
2.975	1.0388	0.9879	1.0149	0.7488	0.7517	0.2479
3.000	1.0454	0.9907	1.0138	0.7493	0.7516	0.2481
3.025	1.0604	0.9938	1.0108	0.7500	0.7516	0.2482
3.050	1.0627	1.0010	1.0150	0.7507	0.7517	0.2483
3.075	1.0678	1.0054	1.0127	0.7513	0.7519	0.2484
3.100	1.0737	1.0061	1.0087	0.7520	0.7521	0.2485
3.125	1.0816	1.0071	1.0171	0.7526	0.7523	0.2486
3.150	1.0776	1.0097	1.0093	0.7533	0.7525	0.2487
3.175	1.0794	1.0090	1.0039	0.7538	0.7527	0.2487
3.200	1.0731	1.0057	1.0060	0.7543	0.7529	0.2488
3.225	1.0698	1.0058	0.9994	0.7548	0.7530	0.2488
3.250	1.0629	1.0027	1.0005	0.7552	0.7532	0.2488
3.275	1.0591	1.0036	0.9958	0.7555	0.7533	0.2489
3.300	1.0495	1.0049	0.9941	0.7558	0.7533	0.2489
3.325	1.0432	0.9984	0.9983	0.7559	0.7533	0.2489
3.350	1.0303	1.0006	0.9946	0.7560	0.7533	0.2489
3.375	1.0293	0.9984	0.9972	0.7560	0.7533	0.2489
3.400	1.0188	0.9982	0.9971	0.7559	0.7533	0.2489
3.425	1.0090	0.9989	0.9971	0.7557	0.7532	0.2489
3.450	1.0097	1.0020	0.9988	0.7554	0.7531	0.2489
3.475	1.0004	1.0039	1.0000	0.7552	0.7531	0.2489
3.500	0.9967	1.0023	1.0000	0.7548	0.7530	0.2490
3.525	0.9937	1.0049	1.0000	0.7544	0.7529	0.2490
3.550	0.9886	1.0054	1.0000	0.7540	0.7528	0.2490
3.575	0.9827	1.0076	1.0000	0.7536	0.7528	0.2490
3.600	0.9777	1.0070	1.0000	0.7531	0.7527	0.2491
3.625	0.9748	1.0123	1.0000	0.7526	0.7527	0.2491
3.650	0.9810	1.0128	1.0000	0.7521	0.7526	0.2491
3.675	0.9770	1.0096	1.0000	0.7517	0.7526	0.2491
3.700	0.9732	1.0125	1.0000	0.7512	0.7526	0.2491
3.725	0.9766	1.0115	1.0000	0.7508	0.7525	0.2491
3.750	0.9762	1.0125	1.0000	0.7505	0.7525	0.2492
3.775	0.9792	1.0122	1.0000	0.7501	0.7525	0.2492
3.800	0.9822	1.0112	1.0000	0.7499	0.7525	0.2492
3.825	0.9838	1.0113	1.0000	0.7496	0.7524	0.2492
3.850	0.9860	1.0079	1.0000	0.7494	0.7524	0.2492
3.875	0.9879	1.0070	1.0000	0.7493	0.7523	0.2492
3.900	0.9891	1.0048	1.0000	0.7492	0.7523	0.2493
3.925	0.9908	1.0055	1.0000	0.7491	0.7522	0.2493
3.950	0.9953	1.0014	1.0000	0.7491	0.7521	0.2493
3.975	0.9976	0.9986	1.0000	0.7491	0.7520	0.2493
4.000	1.0000	1.0000	1.0000	0.7491	0.7519	0.2493

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0

σ_{22}/σ_{11}= 2.00 ρ*= 0.494 x_1= 0.9005 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0000	0.0001	0.0005	1.0000	1.0000	0.0000
0.900	0.0042	0.0049	0.0080	1.0000	1.0000	0.0000
0.925	0.0533	0.0574	0.0935	1.0000	1.0000	0.0004
0.950	0.2818	0.2835	0.4021	1.0000	1.0000	0.0023
0.975	0.8077	0.7822	0.9928	1.0000	1.0000	0.0077
1.000	1.5363	1.4309	1.6334	1.0000	1.0000	0.0175
1.025	2.2511	2.0118	2.0754	1.0000	1.0000	0.0306
1.050	2.7462	2.3616	2.1994	1.0000	1.0000	0.0445
1.075	2.9531	2.4597	2.1330	1.0000	1.0000	0.0574
1.100	2.9460	2.3933	1.9363	1.0000	1.0000	0.0683
1.125	2.7860	2.2109	1.6865	1.0000	1.0000	0.0767
1.150	2.5552	1.9893	1.4475	1.0000	1.0000	0.0827
1.175	2.3082	1.7537	1.2719	1.0000	1.0000	0.0867
1.200	2.0596	1.5549	1.0755	1.0000	1.0000	0.0889
1.225	1.8455	1.3757	0.9473	1.0000	0.9998	0.0896
1.250	1.6530	1.2236	0.8396	1.0000	0.9990	0.0892
1.275	1.4833	1.1022	0.7592	1.0000	0.9967	0.0880
1.300	1.3443	1.0061	0.7208	1.0000	0.9923	0.0865
1.325	1.2297	0.9272	0.6783	1.0000	0.9853	0.0849
1.350	1.1297	0.8710	0.6897	1.0000	0.9762	0.0834
1.375	1.0483	0.8218	0.6844	0.9999	0.9659	0.0821
1.400	0.9719	0.7935	0.7002	0.9996	0.9555	0.0811
1.425	0.9163	0.7829	0.7744	0.9987	0.9456	0.0806
1.450	0.8709	0.7766	0.8369	0.9967	0.9369	0.0806
1.475	0.8351	0.7815	0.9269	0.9932	0.9294	0.0811
1.500	0.8013	0.8013	1.0029	0.9878	0.9233	0.0821
1.525	0.7799	0.8323	1.0698	0.9809	0.9186	0.0833
1.550	0.7623	0.8704	1.1072	0.9726	0.9151	0.0848
1.575	0.7551	0.9205	1.1392	0.9636	0.9126	0.0864
1.600	0.7447	0.9751	1.1268	0.9544	0.9111	0.0878
1.625	0.7399	1.0219	1.0962	0.9455	0.9105	0.0891
1.650	0.7438	1.0765	1.0764	0.9371	0.9105	0.0901
1.675	0.7512	1.1284	1.0188	0.9295	0.9110	0.0908
1.700	0.7595	1.1640	1.0009	0.9228	0.9120	0.0912
1.725	0.7752	1.1767	0.9579	0.9170	0.9131	0.0914
1.750	0.7944	1.1805	0.9519	0.9122	0.9143	0.0915
1.775	0.8184	1.1780	0.9394	0.9082	0.9155	0.0914
1.800	0.8457	1.1531	0.9420	0.9050	0.9166	0.0914
1.825	0.8726	1.1322	0.9594	0.9025	0.9176	0.0913
1.850	0.8992	1.1007	0.9365	0.9006	0.9184	0.0913
1.875	0.9309	1.0673	0.9708	0.8994	0.9190	0.0914
1.900	0.9608	1.0335	0.9747	0.8986	0.9194	0.0915
1.925	0.9932	1.0058	1.0092	0.8982	0.9194	0.0918
1.950	1.0242	0.9759	1.0481	0.8982	0.9192	0.0922
1.975	1.0516	0.9565	1.0870	0.8985	0.9187	0.0927
2.000	1.0712	0.9414	1.1154	0.8990	0.9179	0.0934
2.025	1.0981	0.9283	1.1090	0.8997	0.9170	0.0941
2.050	1.1150	0.9200	1.1159	0.9006	0.9159	0.0948
2.075	1.1241	0.9158	1.1170	0.9015	0.9148	0.0954
2.100	1.1285	0.9211	1.1174	0.9025	0.9136	0.0961
2.125	1.1278	0.9256	1.0907	0.9035	0.9125	0.0966
2.150	1.1231	0.9379	1.0771	0.9044	0.9115	0.0971
2.175	1.1043	0.9499	1.0373	0.9053	0.9106	0.0974
2.200	1.0889	0.9624	1.0282	0.9060	0.9099	0.0976
2.225	1.0739	0.9826	1.0116	0.9067	0.9093	0.0977
2.250	1.0521	0.9975	0.9965	0.9073	0.9090	0.0978
2.275	1.0302	1.0129	0.9968	0.9077	0.9087	0.0978
2.300	1.0061	1.0301	0.9770	0.9080	0.9086	0.0978
2.325	0.9877	1.0386	0.9665	0.9082	0.9085	0.0977
2.350	0.9675	1.0524	0.9845	0.9082	0.9085	0.0977
2.375	0.9499	1.0517	0.9800	0.9081	0.9086	0.0977
2.400	0.9372	1.0555	0.9768	0.9078	0.9086	0.0976
2.425	0.9220	1.0555	0.9920	0.9075	0.9087	0.0977
2.450	0.9154	1.0497	0.9971	0.9070	0.9087	0.0977
2.475	0.9064	1.0382	1.0013	0.9064	0.9087	0.0978
2.500	0.8975	1.0294	1.0040	0.9057	0.9086	0.0979
2.525	0.8926	1.0186	1.0120	0.9050	0.9085	0.0980

2.550	0.8931	1.0099	1.0168	0.9042	0.9084	0.0981
2.575	0.8912	0.9990	1.0220	0.9033	0.9082	0.0982
2.600	0.8971	0.9917	1.0242	0.9025	0.9078	0.0983
2.625	0.9010	0.9835	1.0160	0.9018	0.9074	0.0984
2.650	0.9041	0.9770	1.0154	0.9010	0.9070	0.0985
2.675	0.9098	0.9692	1.0194	0.9003	0.9064	0.0986
2.700	0.9184	0.9621	1.0082	0.8997	0.9059	0.0986
2.725	0.9260	0.9621	1.0125	0.8992	0.9054	0.0987
2.750	0.9335	0.9606	1.0002	0.8987	0.9049	0.0987
2.775	0.9451	0.9637	1.0012	0.8983	0.9044	0.0987
2.800	0.9560	0.9683	0.9952	0.8981	0.9039	0.0987
2.825	0.9652	0.9714	0.9911	0.8979	0.9035	0.0987
2.850	0.9774	0.9747	1.0035	0.8978	0.9031	0.0987
2.875	0.9912	0.9812	1.0050	0.8977	0.9028	0.0987
2.900	0.9994	0.9842	1.0112	0.8978	0.9026	0.0987
2.925	1.0102	0.9940	1.0111	0.8979	0.9025	0.0988
2.950	1.0198	1.0027	1.0070	0.8981	0.9024	0.0988
2.975	1.0286	1.0023	1.0141	0.8983	0.9023	0.0989
3.000	1.0361	1.0044	1.0125	0.8985	0.9022	0.0989
3.025	1.0416	1.0094	1.0000	0.8988	0.9022	0.0989
3.050	1.0463	1.0120	1.0000	0.8991	0.9022	0.0990
3.075	1.0474	1.0122	1.0000	0.8994	0.9022	0.0990
3.100	1.0500	1.0108	1.0000	0.8997	0.9023	0.0990
3.125	1.0489	1.0063	1.0000	0.9000	0.9023	0.0990
3.150	1.0472	1.0074	1.0000	0.9003	0.9023	0.0990
3.175	1.0440	1.0058	1.0000	0.9006	0.9023	0.0990
3.200	1.0413	1.0041	1.0000	0.9008	0.9024	0.0990
3.225	1.0333	1.0001	1.0000	0.9010	0.9023	0.0990
3.250	1.0281	0.9969	1.0000	0.9012	0.9023	0.0991
3.275	1.0231	0.9965	1.0000	0.9013	0.9023	0.0991
3.300	1.0154	0.9890	1.0000	0.9014	0.9022	0.0991
3.325	1.0101	0.9929	1.0000	0.9015	0.9022	0.0991
3.350	1.0041	0.9881	1.0000	0.9015	0.9021	0.0991
3.375	0.9975	0.9894	1.0000	0.9015	0.9020	0.0991
3.400	0.9919	0.9917	1.0000	0.9015	0.9019	0.0991
3.425	0.9901	0.9904	1.0000	0.9014	0.9018	0.0991
3.450	0.9856	0.9889	1.0000	0.9013	0.9017	0.0991
3.475	0.9799	0.9913	1.0000	0.9012	0.9017	0.0991
3.500	0.9767	0.9964	1.0000	0.9011	0.9016	0.0992
3.525	0.9760	0.9982	1.0000	0.9009	0.9015	0.0992
3.550	0.9729	1.0002	1.0000	0.9008	0.9015	0.0992
3.575	0.9742	1.0039	1.0000	0.9006	0.9014	0.0992
3.600	0.9729	1.0041	1.0000	0.9005	0.9014	0.0992
3.625	0.9779	1.0070	1.0000	0.9003	0.9014	0.0992
3.650	0.9760	1.0088	1.0000	0.9002	0.9013	0.0992
3.675	0.9764	1.0093	1.0000	0.9000	0.9013	0.0992
3.700	0.9812	1.0106	1.0000	0.8999	0.9013	0.0992
3.725	0.9839	1.0068	1.0000	0.8998	0.9013	0.0992
3.750	0.9873	1.0084	1.0000	0.8998	0.9013	0.0992
3.775	0.9905	1.0042	1.0000	0.8997	0.9013	0.0992
3.800	0.9943	1.0040	1.0000	0.8997	0.9013	0.0992
3.825	0.9988	1.0035	1.0000	0.8997	0.9013	0.0992
3.850	1.0030	1.0044	1.0000	0.8997	0.9013	0.0992
3.875	1.0059	1.0000	1.0000	0.8997	0.9013	0.0993
3.900	1.0081	0.9997	1.0000	0.8997	0.9012	0.0993
3.925	1.0121	1.0007	1.0000	0.8998	0.9012	0.0993
3.950	1.0150	0.9959	1.0000	0.8999	0.9012	0.0993
3.975	1.0146	0.9976	1.0000	0.8999	0.9011	0.0993
4.000	1.0000	1.0000	1.0000	0.9000	0.9011	0.0993

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.598 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0001	0.0000	0.0000	1.0000	1.0000	0.0000
0.900	0.0041	0.0053	0.0065	1.0000	1.0000	0.0000
0.925	0.0527	0.0553	0.0881	1.0000	1.0000	0.0002
0.950	0.2608	0.2718	0.3512	1.0000	1.0000	0.0011
0.975	0.7564	0.7430	0.8168	1.0000	1.0000	0.0033
1.000	1.4547	1.3602	1.3645	1.0000	1.0000	0.0075
1.025	2.1236	1.9198	1.7260	1.0000	1.0000	0.0131
1.050	2.5741	2.2410	1.8474	1.0000	1.0000	0.0192
1.075	2.7600	2.3210	1.7696	1.0000	1.0000	0.0250
1.100	2.7473	2.2352	1.5620	1.0000	1.0000	0.0297
1.125	2.6008	2.0589	1.3895	1.0000	1.0000	0.0333
1.150	2.3779	1.8593	1.1935	1.0000	1.0000	0.0359
1.175	2.1543	1.6351	1.0208	1.0000	1.0000	0.0375
1.200	1.9311	1.4528	0.8972	1.0000	1.0000	0.0383
1.225	1.7241	1.2873	0.7789	1.0000	0.9999	0.0384
1.250	1.5428	1.1487	0.7096	1.0000	0.9995	0.0381
1.275	1.3934	1.0428	0.6792	1.0000	0.9985	0.0375
1.300	1.2635	0.9535	0.6561	1.0000	0.9967	0.0368
1.325	1.1507	0.8790	0.5994	1.0000	0.9937	0.0361
1.350	1.0569	0.8264	0.6110	1.0000	0.9898	0.0354
1.375	0.9839	0.7909	0.6454	1.0000	0.9854	0.0349
1.400	0.9200	0.7661	0.6796	0.9998	0.9808	0.0347
1.425	0.8670	0.7532	0.7645	0.9994	0.9764	0.0347
1.450	0.8294	0.7549	0.8936	0.9984	0.9725	0.0350
1.475	0.8003	0.7798	0.9438	0.9967	0.9693	0.0356
1.500	0.7693	0.8013	1.0372	0.9941	0.9667	0.0364
1.525	0.7475	0.8328	1.1448	0.9907	0.9646	0.0374
1.550	0.7357	0.8862	1.2083	0.9866	0.9632	0.0386
1.575	0.7299	0.9546	1.2279	0.9822	0.9622	0.0398
1.600	0.7249	0.9997	1.2041	0.9776	0.9617	0.0410
1.625	0.7255	1.0619	1.2144	0.9732	0.9615	0.0420
1.650	0.7298	1.1147	1.1846	0.9690	0.9617	0.0429
1.675	0.7447	1.1688	1.1191	0.9653	0.9620	0.0436
1.700	0.7568	1.2013	1.1013	0.9620	0.9625	0.0441
1.725	0.7784	1.2211	1.0357	0.9591	0.9630	0.0444
1.750	0.8017	1.2087	1.0239	0.9567	0.9635	0.0447
1.775	0.8295	1.2001	0.9756	0.9548	0.9641	0.0448
1.800	0.8583	1.1757	0.9721	0.9532	0.9646	0.0449
1.825	0.8935	1.1496	0.9620	0.9521	0.9650	0.0450
1.850	0.9256	1.1105	0.9737	0.9512	0.9652	0.0450
1.875	0.9630	1.0704	0.9955	0.9507	0.9654	0.0452
1.900	0.9946	1.0323	1.0197	0.9504	0.9653	0.0453
1.925	1.0308	0.9993	1.0324	0.9504	0.9651	0.0456
1.950	1.0628	0.9649	1.0809	0.9505	0.9647	0.0459
1.975	1.0916	0.9437	1.1079	0.9508	0.9642	0.0462
2.000	1.1210	0.9272	1.1194	0.9511	0.9636	0.0466
2.025	1.1390	0.9090	1.1594	0.9516	0.9628	0.0471
2.050	1.1585	0.9089	1.1415	0.9521	0.9620	0.0475
2.075	1.1678	0.9092	1.1234	0.9527	0.9611	0.0479
2.100	1.1746	0.9096	1.1047	0.9533	0.9602	0.0482
2.125	1.1698	0.9181	1.1088	0.9538	0.9593	0.0485
2.150	1.1616	0.9291	1.0645	0.9544	0.9585	0.0487
2.175	1.1476	0.9431	1.0416	0.9548	0.9578	0.0489
2.200	1.1276	0.9618	1.0165	0.9553	0.9571	0.0490
2.225	1.1051	0.9803	1.0061	0.9556	0.9566	0.0490
2.250	1.0819	0.9968	0.9891	0.9559	0.9562	0.0490
2.275	1.0564	1.0162	0.9752	0.9561	0.9558	0.0490
2.300	1.0334	1.0254	0.9834	0.9562	0.9556	0.0490
2.325	1.0091	1.0310	0.9657	0.9562	0.9554	0.0490
2.350	0.9903	1.0412	0.9947	0.9562	0.9552	0.0490
2.375	0.9682	1.0470	0.9832	0.9560	0.9552	0.0490
2.400	0.9507	1.0487	1.0050	0.9558	0.9551	0.0490
2.425	0.9373	1.0423	1.0144	0.9556	0.9551	0.0490
2.450	0.9273	1.0325	1.0393	0.9552	0.9550	0.0491
2.475	0.9154	1.0255	1.0276	0.9548	0.9549	0.0492
2.500	0.9094	1.0134	1.0521	0.9544	0.9548	0.0493
2.525	0.9070	1.0020	1.0490	0.9539	0.9547	0.0494

2.550	0.9012	0.9924	1.0347	0.9534	0.9545	0.0495
2.575	0.9009	0.9831	1.0462	0.9529	0.9544	0.0496
2.600	0.9016	0.9747	1.0277	0.9524	0.9541	0.0496
2.625	0.9045	0.9671	1.0158	0.9519	0.9539	0.0497
2.650	0.9117	0.9599	1.0145	0.9515	0.9536	0.0497
2.675	0.9168	0.9580	1.0226	0.9511	0.9532	0.0497
2.700	0.9275	0.9553	1.0322	0.9507	0.9529	0.0498
2.725	0.9372	0.9568	1.0156	0.9504	0.9526	0.0498
2.750	0.9473	0.9552	1.0222	0.9501	0.9523	0.0498
2.775	0.9587	0.9626	1.0114	0.9499	0.9520	0.0498
2.800	0.9694	0.9641	1.0039	0.9497	0.9518	0.0498
2.825	0.9785	0.9705	0.9759	0.9496	0.9516	0.0498
2.850	0.9914	0.9772	1.0057	0.9496	0.9514	0.0498
2.875	1.0023	0.9850	0.9964	0.9496	0.9512	0.0498
2.900	1.0146	0.9895	1.0038	0.9496	0.9511	0.0498
2.925	1.0208	0.9956	1.0093	0.9496	0.9510	0.0498
2.950	1.0303	1.0001	0.9845	0.9497	0.9510	0.0498
2.975	1.0376	1.0028	0.9852	0.9499	0.9510	0.0498
3.000	1.0426	1.0089	1.0102	0.9500	0.9510	0.0498
3.025	1.0491	1.0085	0.9802	0.9502	0.9510	0.0498
3.050	1.0516	1.0069	0.9735	0.9503	0.9510	0.0497
3.075	1.0537	1.0116	1.0122	0.9505	0.9510	0.0497
3.100	1.0500	1.0063	0.9868	0.9506	0.9510	0.0497
3.125	1.0494	1.0048	0.9812	0.9508	0.9510	0.0497
3.150	1.0464	1.0035	0.9912	0.9509	0.9510	0.0497
3.175	1.0432	1.0029	0.9945	0.9511	0.9510	0.0497
3.200	1.0385	0.9943	0.9833	0.9512	0.9510	0.0497
3.225	1.0317	0.9912	0.9928	0.9513	0.9510	0.0497
3.250	1.0238	0.9904	0.9963	0.9513	0.9509	0.0497
3.275	1.0178	0.9875	0.9864	0.9514	0.9509	0.0497
3.300	1.0135	0.9843	0.9961	0.9514	0.9508	0.0497
3.325	1.0047	0.9835	1.0140	0.9515	0.9507	0.0497
3.350	1.0005	0.9869	1.0108	0.9514	0.9506	0.0497
3.375	0.9957	0.9891	1.0140	0.9514	0.9506	0.0497
3.400	0.9895	0.9837	1.0228	0.9514	0.9505	0.0497
3.425	0.9855	0.9876	1.0147	0.9513	0.9504	0.0497
3.450	0.9777	0.9961	1.0113	0.9513	0.9504	0.0498
3.475	0.9789	0.9916	1.0069	0.9512	0.9503	0.0498
3.500	0.9761	0.9940	1.0074	0.9511	0.9503	0.0498
3.525	0.9749	0.9931	1.0150	0.9510	0.9503	0.0498
3.550	0.9741	1.0003	1.0110	0.9510	0.9503	0.0498
3.575	0.9732	1.0031	1.0078	0.9509	0.9503	0.0498
3.600	0.9768	1.0028	1.0105	0.9508	0.9502	0.0498
3.625	0.9788	1.0059	1.0141	0.9507	0.9502	0.0498
3.650	0.9779	1.0071	1.0120	0.9506	0.9502	0.0498
3.675	0.9800	1.0069	1.0103	0.9506	0.9502	0.0499
3.700	0.9855	1.0055	1.0027	0.9505	0.9502	0.0499
3.725	0.9869	1.0058	1.0043	0.9505	0.9502	0.0499
3.750	0.9915	1.0051	1.0181	0.9504	0.9502	0.0499
3.775	0.9955	1.0085	1.0000	0.9504	0.9502	0.0499
3.800	0.9993	1.0041	1.0000	0.9504	0.9502	0.0499
3.825	1.0024	1.0048	1.0000	0.9504	0.9502	0.0499
3.850	1.0061	1.0025	1.0000	0.9504	0.9502	0.0499
3.875	1.0093	1.0015	1.0000	0.9504	0.9502	0.0499
3.900	1.0104	0.9992	1.0000	0.9505	0.9502	0.0499
3.925	1.0136	0.9982	1.0000	0.9505	0.9502	0.0499
3.950	1.0160	0.9988	1.0000	0.9505	0.9502	0.0499
3.975	1.0191	0.9972	1.0000	0.9506	0.9502	0.0499
4.000	1.0000	1.0000	1.0000	0.9506	0.9502	0.0499

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=1.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.128$ $x_1=0.0498$ $\epsilon_{22}/\epsilon_{11}=1.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0000	0.0001	0.0000	1.0000	1.0000	0.0000
0.900	0.0000	0.0021	0.0002	1.0000	1.0000	0.0001
0.925	0.0000	0.0324	0.0067	1.0000	1.0000	0.0030
0.950	0.3750	0.2078	0.0851	1.0000	1.0000	0.0459
0.975	1.1061	0.7504	0.4464	1.0000	1.0000	0.2524
1.000	2.0426	1.5924	1.2904	1.0000	1.0000	0.5697
1.025	3.5778	2.3943	2.4541	1.0000	1.0000	0.7760
1.050	4.0563	2.9591	3.4838	1.0000	1.0000	0.8721
1.075	4.0476	3.1258	4.0124	1.0000	1.0000	0.9163
1.100	4.4651	2.9803	3.9916	1.0000	1.0000	0.9381
1.125	4.0778	2.7013	3.5639	1.0000	1.0000	0.9498
1.150	4.0213	2.3642	2.9447	1.0000	1.0000	0.9563
1.175	3.4493	2.0467	2.2938	1.0000	1.0000	0.9600
1.200	3.2315	1.7504	1.7096	1.0000	0.9999	0.9619
1.225	2.6097	1.5210	1.2290	1.0000	0.9987	0.9627
1.250	2.5141	1.3332	0.8719	1.0000	0.9867	0.9627
1.275	2.1934	1.1849	0.6091	1.0000	0.9225	0.9622
1.300	1.9096	1.0776	0.4362	1.0000	0.7476	0.9612
1.325	1.8313	0.9822	0.3298	0.9999	0.5045	0.9600
1.350	1.5453	0.9132	0.2731	0.9993	0.3093	0.9585
1.375	1.5215	0.8473	0.2580	0.9946	0.1923	0.9570
1.400	1.2950	0.8061	0.2728	0.9737	0.1279	0.9555
1.425	1.1607	0.7825	0.3162	0.9078	0.0920	0.9540
1.450	1.0578	0.7526	0.3810	0.7675	0.0710	0.9528
1.475	0.8000	0.7517	0.4624	0.5793	0.0582	0.9519
1.500	0.7682	0.7275	0.5532	0.4088	0.0502	0.9512
1.525	0.8160	0.7218	0.6326	0.2875	0.0450	0.9508
1.550	0.6641	0.7266	0.6925	0.2086	0.0416	0.9505
1.575	0.5652	0.7250	0.7204	0.1575	0.0394	0.9503
1.600	0.6327	0.7301	0.7082	0.1243	0.0381	0.9500
1.625	0.6134	0.7408	0.6673	0.1025	0.0374	0.9494
1.650	0.5683	0.7630	0.6012	0.0875	0.0372	0.9485
1.675	0.5988	0.7804	0.5382	0.0769	0.0374	0.9471
1.700	0.4768	0.8015	0.4937	0.0691	0.0378	0.9453
1.725	0.5768	0.8253	0.4923	0.0634	0.0385	0.9433
1.750	0.4657	0.8444	0.5530	0.0590	0.0394	0.9412
1.775	0.5217	0.8565	0.6903	0.0556	0.0404	0.9394
1.800	0.5708	0.8635	0.9077	0.0530	0.0415	0.9382
1.825	0.4536	0.8677	1.1833	0.0509	0.0426	0.9380
1.850	0.4980	0.8775	1.4853	0.0491	0.0438	0.9388
1.875	0.4573	0.8494	1.7551	0.0477	0.0449	0.9404
1.900	0.5022	0.8353	1.9382	0.0465	0.0460	0.9426
1.925	0.5839	0.8055	2.0002	0.0457	0.0469	0.9450
1.950	0.5277	0.7768	1.9305	0.0450	0.0477	0.9472
1.975	0.5051	0.7601	1.7532	0.0443	0.0483	0.9491
2.000	0.5530	0.7423	1.5139	0.0438	0.0488	0.9505
2.025	0.4746	0.7469	1.2740	0.0433	0.0491	0.9514
2.050	0.5206	0.7542	1.0622	0.0429	0.0493	0.9520
2.075	0.6176	0.7747	0.9182	0.0427	0.0495	0.9522
2.100	0.5454	0.8114	0.8452	0.0425	0.0497	0.9524
2.125	0.5835	0.8640	0.8335	0.0424	0.0499	0.9525
2.150	0.5596	0.9281	0.8576	0.0422	0.0502	0.9525
2.175	0.5902	1.0019	0.8894	0.0421	0.0508	0.9526
2.200	0.6044	1.0918	0.9113	0.0421	0.0515	0.9527
2.225	0.6397	1.1835	0.9090	0.0421	0.0525	0.9528
2.250	0.6972	1.2710	0.8839	0.0421	0.0537	0.9527
2.275	0.7473	1.3603	0.8459	0.0423	0.0552	0.9525
2.300	0.7312	1.4220	0.8109	0.0425	0.0567	0.9522
2.325	0.6842	1.4703	0.7926	0.0427	0.0583	0.9518
2.350	0.6873	1.4965	0.8050	0.0428	0.0598	0.9514
2.375	0.6557	1.4824	0.8477	0.0428	0.0610	0.9510
2.400	0.7156	1.4408	0.9150	0.0429	0.0618	0.9506
2.425	0.7214	1.4021	0.9917	0.0431	0.0621	0.9504
2.450	0.7249	1.3286	1.0632	0.0432	0.0618	0.9503
2.475	0.7123	1.2539	1.1035	0.0433	0.0609	0.9503
2.500	0.7542	1.1896	1.1079	0.0434	0.0596	0.9504
2.525	0.7754	1.1156	1.0697	0.0435	0.0579	0.9504

2.550	0.6766	1.0449	0.9982	0.0436	0.0562	0.9504
2.575	0.8240	0.9867	0.9078	0.0436	0.0544	0.9502
2.600	0.6920	0.9414	0.8175	0.0437	0.0528	0.9500
2.625	0.7473	0.8879	0.7423	0.0437	0.0513	0.9496
2.650	0.7556	0.8521	0.6875	0.0437	0.0502	0.9491
2.675	0.8192	0.8276	0.6577	0.0438	0.0493	0.9485
2.700	0.8357	0.8028	0.6535	0.0439	0.0486	0.9480
2.725	0.7830	0.7827	0.6711	0.0439	0.0482	0.9475
2.750	0.6905	0.7714	0.7151	0.0439	0.0479	0.9470
2.775	0.8570	0.7514	0.7916	0.0439	0.0477	0.9467
2.800	0.8079	0.7587	0.9043	0.0440	0.0476	0.9465
2.825	0.8148	0.7490	1.0524	0.0441	0.0476	0.9466
2.850	0.8289	0.7567	1.2225	0.0442	0.0475	0.9468
2.875	0.8452	0.7690	1.3909	0.0444	0.0475	0.9474
2.900	0.9529	0.7890	1.5351	0.0446	0.0474	0.9481
2.925	0.8830	0.8056	1.6250	0.0449	0.0473	0.9490
2.950	0.8709	0.8274	1.6443	0.0451	0.0473	0.9499
2.975	0.9273	0.8707	1.5842	0.0454	0.0472	0.9508
3.000	0.9374	0.8953	1.4627	0.0457	0.0473	0.9515
3.025	0.9458	0.9385	1.3006	0.0461	0.0474	0.9519
3.050	0.9654	0.9853	1.1231	0.0464	0.0476	0.9521
3.075	0.9600	1.0135	0.9602	0.0468	0.0478	0.9521
3.100	0.9924	1.0542	0.8237	0.0471	0.0482	0.9519
3.125	1.0842	1.0728	0.7313	0.0475	0.0485	0.9516
3.150	0.9806	1.0955	0.6785	0.0478	0.0488	0.9513
3.175	0.9125	1.0958	0.6711	0.0480	0.0491	0.9509
3.200	1.0128	1.1040	0.7014	0.0482	0.0494	0.9505
3.225	0.9413	1.0930	0.7583	0.0483	0.0496	0.9502
3.250	0.9853	1.0815	0.8360	0.0484	0.0497	0.9500
3.275	0.9218	1.0755	0.9159	0.0483	0.0497	0.9499
3.300	0.9579	1.0627	0.9906	0.0482	0.0497	0.9498
3.325	0.9304	1.0566	1.0464	0.0481	0.0496	0.9499
3.350	0.9349	1.0510	1.0765	0.0478	0.0496	0.9499
3.375	0.8670	1.0522	1.0832	0.0475	0.0496	0.9500
3.400	0.8532	1.0608	1.0680	0.0471	0.0496	0.9501
3.425	0.8490	1.0675	1.0404	0.0466	0.0497	0.9502
3.450	0.8815	1.0742	1.0052	0.0461	0.0499	0.9502
3.475	0.9059	1.0765	0.9734	0.0456	0.0501	0.9502
3.500	0.8209	1.0830	0.9411	0.0451	0.0504	0.9501
3.525	0.8200	1.0823	0.9174	0.0446	0.0508	0.9501
3.550	0.8162	1.0855	0.8978	0.0441	0.0512	0.9500
3.575	0.8020	1.0784	0.8848	0.0436	0.0516	0.9499
3.600	0.8282	1.0657	0.8791	0.0431	0.0520	0.9498
3.625	0.7993	1.0643	0.8795	0.0427	0.0524	0.9497
3.650	0.8365	1.0581	0.8831	0.0424	0.0527	0.9495
3.675	0.7965	1.0484	0.8872	0.0421	0.0530	0.9494
3.700	0.8326	1.0476	0.8908	0.0418	0.0533	0.9494
3.725	0.8310	1.0384	0.8947	0.0416	0.0534	0.9493
3.750	0.7908	1.0289	0.9035	0.0414	0.0535	0.9492
3.775	0.8295	1.0156	0.9194	0.0413	0.0534	0.9491
3.800	0.7868	1.0015	0.9469	0.0412	0.0532	0.9491
3.825	0.8080	0.9860	0.9889	0.0411	0.0528	0.9491
3.850	0.7845	0.9637	1.0476	0.0411	0.0523	0.9491
3.875	0.8227	0.9440	1.1192	0.0411	0.0517	0.9492
3.900	0.7995	0.9153	1.2003	0.0411	0.0510	0.9494
3.925	0.7720	0.8943	1.2789	0.0411	0.0503	0.9496
3.950	0.7941	0.8769	1.3455	0.0412	0.0496	0.9499
3.975	0.8055	0.8629	1.3875	0.0413	0.0490	0.9503
4.000	1.0000	1.0000	1.0000	0.0415	0.0485	0.9504

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.131 x_1= 0.0995 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.900	0.0047	0.0013	0.0004	1.0000	1.0000	0.0001
0.925	0.0753	0.0306	0.0169	1.0000	1.0000	0.0032
0.950	0.4033	0.2106	0.1683	1.0000	1.0000	0.0411
0.975	0.9691	0.7676	0.7150	1.0000	1.0000	0.1997
1.000	1.9297	1.6741	1.7096	1.0000	1.0000	0.4551
1.025	2.8832	2.6175	2.7491	1.0000	1.0000	0.6568
1.050	3.4937	3.2330	3.3873	1.0000	1.0000	0.7716
1.075	3.7596	3.5013	3.5141	1.0000	1.0000	0.8330
1.100	3.5750	3.4064	3.2604	1.0000	1.0000	0.8670
1.125	3.4059	3.1144	2.8194	1.0000	1.0000	0.8868
1.150	3.2078	2.7612	2.3567	1.0000	1.0000	0.8989
1.175	2.9355	2.4044	1.9301	1.0000	1.0000	0.9065
1.200	2.6328	2.0660	1.5828	1.0000	0.9999	0.9114
1.225	2.2586	1.7705	1.3030	1.0000	0.9986	0.9145
1.250	2.0454	1.5339	1.0793	1.0000	0.9868	0.9163
1.275	1.7934	1.3585	0.9119	1.0000	0.9336	0.9173
1.300	1.5277	1.1776	0.7830	1.0000	0.8003	0.9175
1.325	1.5008	1.0497	0.6865	1.0000	0.6086	0.9173
1.350	1.3750	0.9391	0.6139	0.9998	0.4321	0.9166
1.375	1.2272	0.8543	0.5598	0.9975	0.3075	0.9155
1.400	1.1877	0.7847	0.5209	0.9859	0.2284	0.9141
1.425	1.0885	0.7280	0.4952	0.9466	0.1791	0.9124
1.450	1.0260	0.6856	0.4797	0.8542	0.1477	0.9105
1.475	0.9323	0.6543	0.4744	0.7089	0.1271	0.9084
1.500	0.8442	0.6225	0.4826	0.5490	0.1132	0.9060
1.525	0.7939	0.6045	0.4950	0.4125	0.1036	0.9036
1.550	0.7874	0.6001	0.5141	0.3124	0.0968	0.9010
1.575	0.7382	0.5895	0.5413	0.2436	0.0921	0.8985
1.600	0.7020	0.5874	0.5735	0.1966	0.0886	0.8961
1.625	0.6805	0.5779	0.6095	0.1640	0.0862	0.8938
1.650	0.6851	0.5889	0.6536	0.1411	0.0845	0.8917
1.675	0.6432	0.6081	0.7087	0.1248	0.0834	0.8899
1.700	0.6336	0.6214	0.7729	0.1128	0.0827	0.8883
1.725	0.6294	0.6334	0.8444	0.1039	0.0825	0.8871
1.750	0.6673	0.6524	0.9225	0.0972	0.0825	0.8862
1.775	0.6522	0.6727	1.0002	0.0921	0.0829	0.8856
1.800	0.6518	0.7029	1.0771	0.0881	0.0834	0.8854
1.825	0.6079	0.7274	1.1452	0.0850	0.0842	0.8856
1.850	0.6159	0.7485	1.2018	0.0826	0.0851	0.8860
1.875	0.6222	0.7904	1.2431	0.0807	0.0863	0.8867
1.900	0.6910	0.8247	1.2715	0.0793	0.0876	0.8877
1.925	0.6200	0.8437	1.2888	0.0782	0.0890	0.8888
1.950	0.6840	0.8868	1.2992	0.0774	0.0905	0.8901
1.975	0.7134	0.9309	1.3022	0.0770	0.0922	0.8916
2.000	0.6692	0.9608	1.3063	0.0767	0.0940	0.8931
2.025	0.6629	0.9954	1.3133	0.0765	0.0958	0.8946
2.050	0.6838	1.0274	1.3183	0.0765	0.0977	0.8963
2.075	0.6683	1.0615	1.3093	0.0766	0.0996	0.8979
2.100	0.6903	1.0809	1.2905	0.0768	0.1015	0.8994
2.125	0.7212	1.0944	1.2549	0.0771	0.1033	0.9008
2.150	0.6684	1.1081	1.2133	0.0775	0.1051	0.9020
2.175	0.6924	1.1340	1.1565	0.0779	0.1067	0.9031
2.200	0.7097	1.1464	1.0985	0.0784	0.1083	0.9039
2.225	0.7352	1.1544	1.0368	0.0790	0.1097	0.9045
2.250	0.8021	1.1762	0.9741	0.0797	0.1109	0.9048
2.275	0.7267	1.1911	0.9196	0.0805	0.1120	0.9050
2.300	0.7841	1.2101	0.8722	0.0812	0.1129	0.9049
2.325	0.7519	1.2304	0.8319	0.0820	0.1136	0.9047
2.350	0.8156	1.2487	0.7982	0.0828	0.1141	0.9043
2.375	0.8267	1.2665	0.7729	0.0837	0.1145	0.9037
2.400	0.8781	1.2595	0.7570	0.0847	0.1146	0.9031
2.425	0.9219	1.2635	0.7481	0.0859	0.1145	0.9024
2.450	0.8862	1.2617	0.7481	0.0870	0.1142	0.9016
2.475	0.8801	1.2487	0.7550	0.0880	0.1138	0.9008
2.500	0.9172	1.2186	0.7701	0.0890	0.1133	0.9000
2.525	0.9277	1.1885	0.7905	0.0901	0.1126	0.8992

2.550	0.9766	1.1536	0.8175	0.0912	0.1118	0.8984
2.575	0.9738	1.1083	0.8487	0.0923	0.1108	0.8978
2.600	0.9910	1.0666	0.8851	0.0934	0.1099	0.8972
2.625	0.9992	1.0328	0.9236	0.0944	0.1088	0.8967
2.650	1.0171	0.9892	0.9627	0.0955	0.1077	0.8964
2.675	0.9972	0.9543	1.0019	0.0964	0.1065	0.8962
2.700	0.9777	0.9199	1.0405	0.0973	0.1054	0.8962
2.725	1.0125	0.8940	1.0741	0.0981	0.1041	0.8962
2.750	0.9997	0.8696	1.1037	0.0989	0.1029	0.8964
2.775	1.0580	0.8553	1.1288	0.0996	0.1017	0.8967
2.800	1.0610	0.8367	1.1494	0.1004	0.1006	0.8970
2.825	1.0998	0.8247	1.1596	0.1011	0.0995	0.8974
2.850	1.1020	0.8134	1.1669	0.1018	0.0986	0.8978
2.875	1.1389	0.8127	1.1644	0.1025	0.0977	0.8982
2.900	1.1045	0.8181	1.1599	0.1031	0.0969	0.8986
2.925	1.1327	0.8191	1.1488	0.1037	0.0963	0.8991
2.950	1.1937	0.8247	1.1317	0.1042	0.0958	0.8995
2.975	1.1763	0.8311	1.1143	0.1047	0.0954	0.8999
3.000	1.1745	0.8422	1.0974	0.1051	0.0952	0.9002
3.025	1.2194	0.8570	1.0782	0.1055	0.0950	0.9004
3.050	1.2744	0.8702	1.0610	0.1060	0.0950	0.9005
3.075	1.2133	0.8907	1.0429	0.1063	0.0951	0.9006
3.100	1.2530	0.9066	1.0242	0.1066	0.0953	0.9007
3.125	1.2237	0.9248	1.0074	0.1068	0.0956	0.9007
3.150	1.2372	0.9434	0.9908	0.1070	0.0960	0.9007
3.175	1.2265	0.9634	0.9744	0.1071	0.0964	0.9007
3.200	1.2207	0.9808	0.9585	0.1072	0.0969	0.9006
3.225	1.1683	0.9989	0.9431	0.1072	0.0974	0.9005
3.250	1.1676	1.0144	0.9317	0.1071	0.0980	0.9004
3.275	1.1676	1.0298	0.9187	0.1069	0.0986	0.9002
3.300	1.1527	1.0482	0.9078	0.1068	0.0992	0.9001
3.325	1.1430	1.0605	0.9011	0.1066	0.0998	0.8999
3.350	1.1088	1.0751	0.8962	0.1063	0.1004	0.8997
3.375	1.0521	1.0894	0.8959	0.1060	0.1010	0.8995
3.400	1.0147	1.0951	0.8961	0.1055	0.1016	0.8993
3.425	0.9964	1.1037	0.9007	0.1050	0.1021	0.8991
3.450	1.0011	1.1059	0.9101	0.1044	0.1025	0.8990
3.475	0.9482	1.1070	0.9216	0.1038	0.1029	0.8988
3.500	0.9960	1.1032	0.9363	0.1032	0.1033	0.8987
3.525	0.9056	1.1018	0.9522	0.1026	0.1035	0.8987
3.550	0.9179	1.1055	0.9691	0.1018	0.1037	0.8986
3.575	0.8813	1.0968	0.9875	0.1011	0.1038	0.8986
3.600	0.8972	1.0940	1.0079	0.1004	0.1038	0.8987
3.625	0.8806	1.0812	1.0240	0.0997	0.1038	0.8987
3.650	0.8953	1.0738	1.0402	0.0990	0.1037	0.8988
3.675	0.8789	1.0649	1.0532	0.0983	0.1035	0.8989
3.700	0.8499	1.0581	1.0661	0.0977	0.1033	0.8991
3.725	0.8509	1.0489	1.0741	0.0970	0.1031	0.8992
3.750	0.8546	1.0430	1.0823	0.0964	0.1028	0.8994
3.775	0.8394	1.0307	1.0856	0.0959	0.1025	0.8996
3.800	0.8599	1.0236	1.0840	0.0954	0.1022	0.8997
3.825	0.8497	1.0146	1.0822	0.0950	0.1019	0.8999
3.850	0.8645	1.0021	1.0769	0.0946	0.1016	0.9001
3.875	0.8893	0.9911	1.0686	0.0943	0.1012	0.9002
3.900	0.8906	0.9829	1.0597	0.0941	0.1009	0.9003
3.925	0.8744	0.9747	1.0484	0.0939	0.1006	0.9004
3.950	0.8986	0.9624	1.0373	0.0938	0.1003	0.9005
3.975	0.9161	0.9542	1.0254	0.0937	0.1000	0.9005
4.000	1.0000	1.0000	1.0000	0.0938	0.0998	0.9005

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.152 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.900	0.0066	0.0017	0.0006	1.0000	1.0000	0.0000
0.925	0.0736	0.0286	0.0177	1.0000	1.0000	0.0012
0.950	0.3125	0.2080	0.1672	1.0000	1.0000	0.0143
0.975	0.9854	0.7440	0.7016	1.0000	1.0000	0.0765
1.000	1.9403	1.6282	1.6766	1.0000	1.0000	0.2160
1.025	2.7771	2.5348	2.6936	1.0000	1.0000	0.3865
1.050	3.4807	3.1906	3.3152	1.0000	1.0000	0.5260
1.075	3.7051	3.4203	3.4362	1.0000	1.0000	0.6205
1.100	3.7272	3.3662	3.1965	1.0000	1.0000	0.6811
1.125	3.5895	3.1038	2.7727	1.0000	1.0000	0.7196
1.150	3.1981	2.7201	2.3008	1.0000	1.0000	0.7442
1.175	2.8514	2.3918	1.9022	1.0000	1.0000	0.7602
1.200	2.5785	2.0601	1.5580	1.0000	1.0000	0.7705
1.225	2.3059	1.7587	1.2812	1.0000	0.9995	0.7770
1.250	2.0744	1.5396	1.0697	1.0000	0.9954	0.7808
1.275	1.8071	1.3318	0.9124	1.0000	0.9766	0.7826
1.300	1.6596	1.1725	0.7831	1.0000	0.9235	0.7829
1.325	1.5127	1.0513	0.6960	1.0000	0.8248	0.7820
1.350	1.3847	0.9389	0.6272	0.9999	0.6978	0.7802
1.375	1.2559	0.8575	0.5757	0.9992	0.5744	0.7776
1.400	1.1660	0.7930	0.5396	0.9955	0.4740	0.7745
1.425	1.0883	0.7398	0.5228	0.9821	0.3994	0.7709
1.450	0.9854	0.6945	0.5177	0.9479	0.3458	0.7670
1.475	0.9226	0.6574	0.5208	0.8834	0.3076	0.7629
1.500	0.8917	0.6411	0.5372	0.7913	0.2804	0.7586
1.525	0.8066	0.6196	0.5586	0.6868	0.2610	0.7543
1.550	0.7872	0.6123	0.5874	0.5866	0.2470	0.7500
1.575	0.7466	0.6091	0.6171	0.5007	0.2368	0.7458
1.600	0.7420	0.6109	0.6432	0.4319	0.2295	0.7419
1.625	0.6859	0.6146	0.6800	0.3787	0.2243	0.7382
1.650	0.6774	0.6324	0.7140	0.3378	0.2208	0.7348
1.675	0.6639	0.6431	0.7548	0.3064	0.2186	0.7318
1.700	0.6647	0.6616	0.8009	0.2824	0.2174	0.7292
1.725	0.6386	0.6824	0.8522	0.2639	0.2170	0.7270
1.750	0.6406	0.7009	0.9105	0.2496	0.2174	0.7252
1.775	0.6534	0.7227	0.9701	0.2383	0.2183	0.7239
1.800	0.6477	0.7507	1.0377	0.2295	0.2198	0.7231
1.825	0.6555	0.7738	1.0875	0.2226	0.2217	0.7228
1.850	0.6496	0.7912	1.1417	0.2173	0.2239	0.7232
1.875	0.6490	0.8122	1.1822	0.2130	0.2264	0.7240
1.900	0.6454	0.8364	1.2104	0.2097	0.2291	0.7255
1.925	0.6482	0.8622	1.2271	0.2072	0.2320	0.7273
1.950	0.6823	0.8870	1.2448	0.2054	0.2350	0.7294
1.975	0.7151	0.9147	1.2620	0.2044	0.2382	0.7319
2.000	0.6999	0.9440	1.2777	0.2038	0.2414	0.7347
2.025	0.7080	0.9735	1.2858	0.2035	0.2447	0.7376
2.050	0.6903	0.9987	1.2953	0.2035	0.2479	0.7407
2.075	0.7173	1.0208	1.2865	0.2038	0.2511	0.7438
2.100	0.7594	1.0461	1.2728	0.2045	0.2542	0.7467
2.125	0.7592	1.0590	1.2438	0.2054	0.2571	0.7495
2.150	0.7629	1.0828	1.2010	0.2065	0.2600	0.7519
2.175	0.7880	1.1002	1.1500	0.2079	0.2626	0.7539
2.200	0.7756	1.1205	1.0943	0.2093	0.2652	0.7554
2.225	0.8037	1.1277	1.0371	0.2109	0.2675	0.7565
2.250	0.8226	1.1471	0.9826	0.2127	0.2695	0.7572
2.275	0.8239	1.1699	0.9305	0.2145	0.2714	0.7575
2.300	0.8463	1.1837	0.8885	0.2165	0.2730	0.7573
2.325	0.8393	1.2090	0.8519	0.2184	0.2744	0.7569
2.350	0.8697	1.2254	0.8267	0.2205	0.2755	0.7561
2.375	0.8591	1.2442	0.8067	0.2225	0.2764	0.7552
2.400	0.8745	1.2496	0.7958	0.2246	0.2769	0.7540
2.425	0.8866	1.2552	0.7893	0.2266	0.2772	0.7528
2.450	0.9024	1.2386	0.7907	0.2287	0.2771	0.7514
2.475	0.9017	1.2299	0.7991	0.2307	0.2767	0.7500
2.500	0.9574	1.2014	0.8162	0.2328	0.2760	0.7487
2.525	0.9475	1.1708	0.8357	0.2349	0.2749	0.7474

2.550	0.9711	1.1379	0.8571	0.2370	0.2737	0.7463
2.575	0.9823	1.1054	0.8859	0.2390	0.2722	0.7453
2.600	0.9825	1.0677	0.9111	0.2409	0.2706	0.7445
2.625	1.0075	1.0310	0.9415	0.2428	0.2688	0.7438
2.650	1.0092	0.9911	0.9707	0.2446	0.2668	0.7433
2.675	0.9995	0.9662	0.9990	0.2463	0.2646	0.7430
2.700	1.0230	0.9388	1.0273	0.2479	0.2624	0.7428
2.725	1.0105	0.9094	1.0503	0.2494	0.2601	0.7429
2.750	1.0283	0.8851	1.0703	0.2507	0.2578	0.7430
2.775	1.0491	0.8772	1.0886	0.2521	0.2555	0.7433
2.800	1.0568	0.8624	1.1037	0.2534	0.2533	0.7437
2.825	1.0706	0.8528	1.1129	0.2546	0.2512	0.7442
2.850	1.0741	0.8432	1.1206	0.2558	0.2493	0.7448
2.875	1.0842	0.8447	1.1208	0.2569	0.2476	0.7454
2.900	1.1040	0.8483	1.1214	0.2579	0.2461	0.7461
2.925	1.1350	0.8519	1.1141	0.2590	0.2449	0.7468
2.950	1.1349	0.8551	1.1060	0.2600	0.2440	0.7475
2.975	1.1548	0.8616	1.0943	0.2609	0.2433	0.7482
3.000	1.1863	0.8686	1.0807	0.2618	0.2428	0.7487
3.025	1.1607	0.8841	1.0700	0.2625	0.2426	0.7491
3.050	1.1990	0.8945	1.0570	0.2632	0.2426	0.7494
3.075	1.1829	0.9079	1.0445	0.2638	0.2428	0.7496
3.100	1.1891	0.9225	1.0287	0.2643	0.2431	0.7498
3.125	1.2163	0.9378	1.0145	0.2648	0.2437	0.7499
3.150	1.1924	0.9510	1.0024	0.2652	0.2443	0.7500
3.175	1.1942	0.9686	0.9878	0.2654	0.2451	0.7499
3.200	1.1792	0.9848	0.9752	0.2656	0.2460	0.7499
3.225	1.1500	0.9966	0.9614	0.2656	0.2469	0.7497
3.250	1.1516	1.0069	0.9504	0.2655	0.2479	0.7495
3.275	1.1492	1.0270	0.9390	0.2653	0.2489	0.7493
3.300	1.1082	1.0363	0.9314	0.2649	0.2500	0.7491
3.325	1.1039	1.0503	0.9260	0.2645	0.2510	0.7488
3.350	1.0737	1.0508	0.9209	0.2639	0.2520	0.7485
3.375	1.0491	1.0571	0.9211	0.2632	0.2529	0.7482
3.400	1.0253	1.0660	0.9221	0.2624	0.2537	0.7479
3.425	1.0168	1.0732	0.9258	0.2615	0.2545	0.7476
3.450	0.9926	1.0728	0.9338	0.2605	0.2551	0.7474
3.475	0.9924	1.0802	0.9434	0.2594	0.2557	0.7472
3.500	0.9580	1.0808	0.9523	0.2582	0.2562	0.7470
3.525	0.9500	1.0812	0.9641	0.2570	0.2566	0.7469
3.550	0.9420	1.0818	0.9767	0.2557	0.2569	0.7469
3.575	0.9205	1.0775	0.9919	0.2543	0.2571	0.7469
3.600	0.9060	1.0748	1.0031	0.2529	0.2572	0.7469
3.625	0.8982	1.0723	1.0150	0.2515	0.2572	0.7470
3.650	0.8849	1.0654	1.0281	0.2501	0.2571	0.7472
3.675	0.8889	1.0643	1.0361	0.2488	0.2569	0.7474
3.700	0.8757	1.0569	1.0441	0.2475	0.2567	0.7476
3.725	0.8779	1.0537	1.0500	0.2463	0.2564	0.7478
3.750	0.8786	1.0419	1.0545	0.2451	0.2560	0.7480
3.775	0.8661	1.0388	1.0567	0.2441	0.2556	0.7483
3.800	0.8732	1.0303	1.0558	0.2431	0.2552	0.7485
3.825	0.8699	1.0175	1.0555	0.2423	0.2547	0.7488
3.850	0.8732	1.0076	1.0519	0.2415	0.2542	0.7490
3.875	0.8725	0.9990	1.0480	0.2409	0.2537	0.7492
3.900	0.8801	0.9928	1.0415	0.2403	0.2532	0.7494
3.925	0.8830	0.9821	1.0355	0.2399	0.2527	0.7495
3.950	0.8848	0.9738	1.0286	0.2396	0.2522	0.7496
3.975	0.8755	0.9643	1.0215	0.2394	0.2517	0.7497
4.000	1.0000	1.0000	1.0000	0.2394	0.2513	0.7498

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.210 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.900	0.0039	0.0015	0.0005	1.0000	1.0000	0.0000
0.925	0.0625	0.0301	0.0172	1.0000	1.0000	0.0004
0.950	0.3470	0.2124	0.1674	1.0000	1.0000	0.0049
0.975	0.9879	0.7510	0.7003	1.0000	1.0000	0.0277
1.000	1.8947	1.6224	1.6530	1.0000	1.0000	0.0861
1.025	2.7952	2.5088	2.6183	1.0000	1.0000	0.1758
1.050	3.3436	3.1216	3.1931	1.0000	1.0000	0.2714
1.075	3.6449	3.3484	3.3031	1.0000	1.0000	0.3531
1.100	3.5691	3.2525	3.0521	1.0000	1.0000	0.4150
1.125	3.4014	2.9815	2.6172	1.0000	1.0000	0.4587
1.150	3.1201	2.6358	2.1847	1.0000	1.0000	0.4886
1.175	2.7827	2.2741	1.7919	1.0000	1.0000	0.5086
1.200	2.4814	1.9668	1.4749	1.0000	1.0000	0.5214
1.225	2.2149	1.6909	1.2230	1.0000	0.9998	0.5291
1.250	1.9542	1.4741	1.0175	1.0000	0.9984	0.5328
1.275	1.7599	1.2868	0.8768	1.0000	0.9919	0.5336
1.300	1.5682	1.1253	0.7633	1.0000	0.9723	0.5323
1.325	1.4046	1.0055	0.6873	1.0000	0.9322	0.5294
1.350	1.2719	0.9225	0.6306	1.0000	0.8716	0.5256
1.375	1.1640	0.8387	0.5916	0.9997	0.7998	0.5211
1.400	1.0790	0.7781	0.5722	0.9984	0.7286	0.5164
1.425	0.9978	0.7256	0.5646	0.9935	0.6655	0.5116
1.450	0.9218	0.6942	0.5813	0.9809	0.6134	0.5069
1.475	0.8729	0.6750	0.6097	0.9556	0.5725	0.5026
1.500	0.8270	0.6603	0.6520	0.9154	0.5413	0.4987
1.525	0.7903	0.6588	0.6974	0.8628	0.5178	0.4954
1.550	0.7636	0.6631	0.7433	0.8036	0.5004	0.4925
1.575	0.7367	0.6724	0.7784	0.7440	0.4876	0.4901
1.600	0.7089	0.6885	0.8090	0.6887	0.4786	0.4880
1.625	0.6867	0.7125	0.8281	0.6401	0.4724	0.4862
1.650	0.6761	0.7380	0.8457	0.5990	0.4686	0.4843
1.675	0.6739	0.7616	0.8566	0.5651	0.4668	0.4825
1.700	0.6624	0.7903	0.8677	0.5373	0.4664	0.4807
1.725	0.6570	0.8140	0.8847	0.5148	0.4672	0.4788
1.750	0.6652	0.8378	0.9126	0.4967	0.4690	0.4769
1.775	0.6598	0.8515	0.9434	0.4823	0.4715	0.4753
1.800	0.6462	0.8606	0.9755	0.4706	0.4744	0.4739
1.825	0.6690	0.8654	1.0070	0.4613	0.4777	0.4729
1.850	0.6806	0.8733	1.0456	0.4542	0.4812	0.4725
1.875	0.6946	0.8800	1.0708	0.4486	0.4848	0.4726
1.900	0.7097	0.8886	1.1042	0.4445	0.4884	0.4732
1.925	0.7188	0.8913	1.1270	0.4416	0.4920	0.4745
1.950	0.7292	0.9008	1.1563	0.4397	0.4953	0.4763
1.975	0.7483	0.9142	1.1770	0.4386	0.4984	0.4786
2.000	0.7694	0.9285	1.2045	0.4384	0.5013	0.4813
2.025	0.7925	0.9438	1.2254	0.4388	0.5038	0.4843
2.050	0.8090	0.9567	1.2374	0.4397	0.5061	0.4876
2.075	0.8183	0.9712	1.2344	0.4411	0.5081	0.4909
2.100	0.8331	0.9886	1.2242	0.4429	0.5099	0.4941
2.125	0.8475	1.0043	1.1966	0.4450	0.5115	0.4970
2.150	0.8548	1.0132	1.1608	0.4474	0.5129	0.4995
2.175	0.8476	1.0359	1.1202	0.4499	0.5143	0.5016
2.200	0.8567	1.0540	1.0728	0.4525	0.5157	0.5032
2.225	0.8493	1.0662	1.0232	0.4551	0.5170	0.5042
2.250	0.8475	1.0869	0.9846	0.4577	0.5184	0.5047
2.275	0.8629	1.1122	0.9436	0.4602	0.5198	0.5048
2.300	0.8627	1.1333	0.9178	0.4628	0.5212	0.5045
2.325	0.8662	1.1519	0.8881	0.4654	0.5226	0.5039
2.350	0.8709	1.1719	0.8738	0.4678	0.5239	0.5031
2.375	0.8722	1.1896	0.8648	0.4702	0.5251	0.5021
2.400	0.8795	1.1982	0.8600	0.4724	0.5261	0.5011
2.425	0.8882	1.2003	0.8622	0.4746	0.5269	0.5000
2.450	0.8960	1.1907	0.8727	0.4766	0.5274	0.4989
2.475	0.8936	1.1807	0.8825	0.4785	0.5275	0.4979
2.500	0.9049	1.1576	0.8949	0.4802	0.5274	0.4970
2.525	0.9056	1.1351	0.9137	0.4818	0.5270	0.4962

2.550	0.9133	1.1080	0.9267	0.4833	0.5262	0.4956
2.575	0.9260	1.0781	0.9450	0.4846	0.5251	0.4950
2.600	0.9397	1.0508	0.9622	0.4859	0.5237	0.4946
2.625	0.9412	1.0218	0.9817	0.4871	0.5220	0.4943
2.650	0.9472	0.9947	0.9929	0.4882	0.5201	0.4942
2.675	0.9635	0.9749	1.0073	0.4893	0.5180	0.4941
2.700	0.9695	0.9510	1.0188	0.4903	0.5157	0.4941
2.725	0.9836	0.9332	1.0250	0.4914	0.5132	0.4941
2.750	1.0061	0.9212	1.0360	0.4926	0.5107	0.4943
2.775	0.9968	0.9094	1.0403	0.4937	0.5083	0.4945
2.800	1.0244	0.9039	1.0440	0.4948	0.5059	0.4947
2.825	1.0200	0.8970	1.0518	0.4960	0.5037	0.4950
2.850	1.0430	0.8963	1.0565	0.4971	0.5017	0.4953
2.875	1.0667	0.8977	1.0557	0.4983	0.4999	0.4957
2.900	1.0727	0.8985	1.0580	0.4995	0.4984	0.4961
2.925	1.0827	0.9051	1.0568	0.5008	0.4972	0.4966
2.950	1.1006	0.9127	1.0533	0.5020	0.4962	0.4970
2.975	1.1179	0.9204	1.0524	0.5032	0.4956	0.4975
3.000	1.1318	0.9293	1.0492	0.5044	0.4953	0.4979
3.025	1.1429	0.9373	1.0460	0.5056	0.4952	0.4983
3.050	1.1532	0.9482	1.0433	0.5068	0.4953	0.4986
3.075	1.1693	0.9545	1.0344	0.5079	0.4956	0.4989
3.100	1.1687	0.9661	1.0277	0.5090	0.4961	0.4991
3.125	1.1748	0.9734	1.0180	0.5100	0.4967	0.4992
3.150	1.1720	0.9795	1.0098	0.5109	0.4974	0.4993
3.175	1.1681	0.9908	1.0000	0.5117	0.4981	0.4994
3.200	1.1543	0.9944	0.9927	0.5123	0.4989	0.4994
3.225	1.1473	1.0004	0.9821	0.5128	0.4998	0.4993
3.250	1.1324	1.0053	0.9753	0.5132	0.5006	0.4992
3.275	1.1081	1.0095	0.9712	0.5134	0.5013	0.4991
3.300	1.1022	1.0149	0.9644	0.5134	0.5021	0.4989
3.325	1.0811	1.0151	0.9622	0.5132	0.5028	0.4987
3.350	1.0632	1.0218	0.9600	0.5129	0.5034	0.4985
3.375	1.0532	1.0220	0.9616	0.5125	0.5039	0.4984
3.400	1.0271	1.0263	0.9605	0.5119	0.5044	0.4982
3.425	1.0143	1.0310	0.9640	0.5111	0.5048	0.4980
3.450	1.0003	1.0322	0.9684	0.5102	0.5052	0.4979
3.475	0.9905	1.0341	0.9724	0.5092	0.5055	0.4978
3.500	0.9798	1.0315	0.9776	0.5081	0.5057	0.4977
3.525	0.9724	1.0343	0.9874	0.5069	0.5058	0.4976
3.550	0.9523	1.0345	0.9916	0.5056	0.5059	0.4976
3.575	0.9497	1.0383	0.9977	0.5043	0.5059	0.4976
3.600	0.9393	1.0364	1.0036	0.5029	0.5059	0.4977
3.625	0.9333	1.0371	1.0084	0.5015	0.5059	0.4978
3.650	0.9252	1.0374	1.0123	0.5001	0.5058	0.4979
3.675	0.9236	1.0338	1.0186	0.4987	0.5057	0.4980
3.700	0.9198	1.0325	1.0232	0.4974	0.5055	0.4981
3.725	0.9196	1.0300	1.0225	0.4962	0.5054	0.4983
3.750	0.9160	1.0285	1.0237	0.4950	0.5052	0.4984
3.775	0.9165	1.0243	1.0227	0.4940	0.5050	0.4986
3.800	0.9165	1.0181	1.0248	0.4930	0.5047	0.4987
3.825	0.9220	1.0159	1.0216	0.4922	0.5044	0.4989
3.850	0.9231	1.0088	1.0233	0.4915	0.5041	0.4990
3.875	0.9263	1.0049	1.0219	0.4909	0.5038	0.4991
3.900	0.9268	0.9998	1.0171	0.4905	0.5034	0.4992
3.925	0.9387	0.9962	1.0175	0.4902	0.5031	0.4993
3.950	0.9407	0.9902	1.0142	0.4900	0.5028	0.4994
3.975	0.9492	0.9834	1.0115	0.4899	0.5024	0.4995
4.000	1.0000	1.0000	1.0000	0.4900	0.5021	0.4995

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.338 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0001	0.0000	0.0000	1.0000	1.0000	0.0000
0.900	0.0052	0.0017	0.0005	1.0000	1.0000	0.0000
0.925	0.0651	0.0295	0.0173	1.0000	1.0000	0.0001
0.950	0.3350	0.2175	0.1732	1.0000	1.0000	0.0018
0.975	0.9571	0.7541	0.7026	1.0000	1.0000	0.0102
1.000	1.8265	1.5954	1.6033	1.0000	1.0000	0.0322
1.025	2.6397	2.4505	2.4932	1.0000	1.0000	0.0688
1.050	3.1663	3.0041	2.9351	1.0000	1.0000	0.1124
1.075	3.3816	3.1564	2.9405	1.0000	1.0000	0.1536
1.100	3.3433	3.0407	2.6760	1.0000	1.0000	0.1880
1.125	3.1253	2.7685	2.2673	1.0000	1.0000	0.2140
1.150	2.8408	2.4246	1.8743	1.0000	1.0000	0.2323
1.175	2.5277	2.0960	1.5306	1.0000	1.0000	0.2443
1.200	2.2497	1.8039	1.2652	1.0000	1.0000	0.2513
1.225	1.9791	1.5510	1.0508	1.0000	0.9999	0.2545
1.250	1.7701	1.3443	0.8916	1.0000	0.9994	0.2546
1.275	1.5700	1.1822	0.7801	1.0000	0.9970	0.2526
1.300	1.4032	1.0500	0.7085	1.0000	0.9898	0.2494
1.325	1.2627	0.9471	0.6532	1.0000	0.9748	0.2455
1.350	1.1560	0.8600	0.6260	1.0000	0.9511	0.2415
1.375	1.0677	0.7966	0.6257	0.9999	0.9205	0.2379
1.400	0.9787	0.7578	0.6385	0.9994	0.8876	0.2348
1.425	0.9080	0.7273	0.6794	0.9976	0.8562	0.2325
1.450	0.8548	0.7048	0.7424	0.9929	0.8282	0.2311
1.475	0.8157	0.7027	0.8170	0.9833	0.8047	0.2307
1.500	0.7785	0.7084	0.9056	0.9677	0.7860	0.2312
1.525	0.7554	0.7233	0.9838	0.9460	0.7716	0.2325
1.550	0.7270	0.7528	1.0557	0.9199	0.7610	0.2345
1.575	0.7117	0.7931	1.0702	0.8914	0.7535	0.2368
1.600	0.6947	0.8366	1.0778	0.8629	0.7487	0.2388
1.625	0.6947	0.8793	1.0564	0.8362	0.7460	0.2405
1.650	0.6834	0.9358	1.0276	0.8121	0.7451	0.2417
1.675	0.6858	0.9793	0.9906	0.7910	0.7457	0.2422
1.700	0.6928	1.0144	0.9612	0.7730	0.7474	0.2423
1.725	0.6941	1.0382	0.9292	0.7580	0.7497	0.2418
1.750	0.7035	1.0502	0.9124	0.7457	0.7525	0.2409
1.775	0.7198	1.0534	0.9056	0.7357	0.7555	0.2398
1.800	0.7367	1.0373	0.9040	0.7278	0.7585	0.2386
1.825	0.7589	1.0188	0.9189	0.7217	0.7612	0.2375
1.850	0.7816	0.9914	0.9277	0.7171	0.7637	0.2366
1.875	0.8032	0.9727	0.9517	0.7140	0.7658	0.2360
1.900	0.8306	0.9476	0.9819	0.7119	0.7675	0.2358
1.925	0.8571	0.9291	1.0142	0.7109	0.7686	0.2360
1.950	0.8886	0.9125	1.0562	0.7107	0.7692	0.2367
1.975	0.9120	0.9039	1.0889	0.7113	0.7693	0.2377
2.000	0.9338	0.8926	1.1155	0.7124	0.7688	0.2390
2.025	0.9602	0.8911	1.1330	0.7141	0.7679	0.2406
2.050	0.9686	0.8934	1.1432	0.7161	0.7665	0.2422
2.075	0.9825	0.8964	1.1501	0.7184	0.7649	0.2438
2.100	0.9885	0.9087	1.1423	0.7208	0.7632	0.2453
2.125	0.9929	0.9260	1.1178	0.7233	0.7617	0.2467
2.150	0.9886	0.9336	1.0946	0.7258	0.7603	0.2478
2.175	0.9849	0.9498	1.0592	0.7283	0.7592	0.2485
2.200	0.9705	0.9737	1.0243	0.7307	0.7583	0.2490
2.225	0.9536	0.9929	0.9911	0.7329	0.7579	0.2492
2.250	0.9454	1.0138	0.9697	0.7349	0.7577	0.2491
2.275	0.9371	1.0358	0.9531	0.7367	0.7578	0.2488
2.300	0.9207	1.0596	0.9449	0.7384	0.7582	0.2485
2.325	0.9125	1.0789	0.9296	0.7398	0.7589	0.2481
2.350	0.9047	1.0980	0.9298	0.7409	0.7596	0.2477
2.375	0.8977	1.1140	0.9284	0.7418	0.7605	0.2472
2.400	0.8918	1.1196	0.9437	0.7425	0.7614	0.2469
2.425	0.8892	1.1176	0.9559	0.7429	0.7623	0.2466
2.450	0.8773	1.1094	0.9659	0.7431	0.7630	0.2465
2.475	0.8833	1.1004	0.9799	0.7431	0.7636	0.2465
2.500	0.8787	1.0819	0.9856	0.7429	0.7640	0.2465
2.525	0.8835	1.0664	0.9972	0.7425	0.7642	0.2466

2.550	0.8842	1.0480	1.0075	0.7421	0.7642	0.2467
2.575	0.8918	1.0270	1.0185	0.7415	0.7639	0.2469
2.600	0.9017	1.0078	1.0183	0.7410	0.7633	0.2471
2.625	0.9108	0.9936	1.0185	0.7404	0.7626	0.2473
2.650	0.9169	0.9771	1.0115	0.7399	0.7617	0.2475
2.675	0.9221	0.9666	1.0065	0.7395	0.7606	0.2476
2.700	0.9394	0.9566	1.0073	0.7392	0.7594	0.2476
2.725	0.9412	0.9532	0.9980	0.7390	0.7582	0.2477
2.750	0.9555	0.9483	0.9974	0.7389	0.7570	0.2476
2.775	0.9739	0.9450	0.9983	0.7390	0.7558	0.2476
2.800	0.9808	0.9491	0.9923	0.7393	0.7547	0.2476
2.825	1.0005	0.9513	1.0004	0.7397	0.7536	0.2476
2.850	1.0103	0.9613	1.0036	0.7402	0.7527	0.2476
2.875	1.0200	0.9637	1.0053	0.7408	0.7520	0.2476
2.900	1.0361	0.9731	1.0091	0.7416	0.7515	0.2477
2.925	1.0506	0.9807	1.0135	0.7424	0.7511	0.2478
2.950	1.0637	0.9869	1.0183	0.7434	0.7509	0.2480
2.975	1.0762	0.9938	1.0199	0.7443	0.7508	0.2481
3.000	1.0836	1.0000	1.0241	0.7454	0.7509	0.2483
3.025	1.0976	1.0053	1.0251	0.7464	0.7511	0.2484
3.050	1.1095	1.0093	1.0287	0.7475	0.7513	0.2486
3.075	1.1129	1.0122	1.0245	0.7486	0.7516	0.2488
3.100	1.1154	1.0139	1.0211	0.7497	0.7519	0.2489
3.125	1.1184	1.0150	1.0187	0.7507	0.7522	0.2490
3.150	1.1133	1.0121	1.0198	0.7516	0.7526	0.2491
3.175	1.1091	1.0149	1.0084	0.7524	0.7529	0.2492
3.200	1.1056	1.0101	1.0088	0.7532	0.7531	0.2493
3.225	1.0981	1.0059	1.0024	0.7539	0.7533	0.2493
3.250	1.0880	1.0007	0.9948	0.7544	0.7534	0.2493
3.275	1.0723	0.9983	0.9960	0.7549	0.7535	0.2493
3.300	1.0627	0.9967	0.9882	0.7552	0.7535	0.2493
3.325	1.0535	0.9943	0.9917	0.7554	0.7535	0.2493
3.350	1.0369	0.9946	0.9892	0.7555	0.7535	0.2492
3.375	1.0319	0.9950	0.9941	0.7555	0.7534	0.2492
3.400	1.0145	0.9939	0.9909	0.7554	0.7533	0.2492
3.425	1.0097	0.9959	1.0000	0.7552	0.7531	0.2492
3.450	0.9982	0.9983	1.0000	0.7549	0.7530	0.2492
3.475	0.9896	0.9978	1.0000	0.7545	0.7528	0.2492
3.500	0.9830	1.0000	1.0000	0.7540	0.7527	0.2493
3.525	0.9783	1.0018	1.0000	0.7535	0.7526	0.2493
3.550	0.9751	1.0041	1.0000	0.7529	0.7525	0.2493
3.575	0.9698	1.0074	1.0000	0.7523	0.7524	0.2493
3.600	0.9672	1.0100	1.0000	0.7516	0.7524	0.2493
3.625	0.9673	1.0097	1.0000	0.7510	0.7524	0.2493
3.650	0.9678	1.0126	1.0000	0.7504	0.7524	0.2493
3.675	0.9654	1.0124	1.0000	0.7499	0.7524	0.2494
3.700	0.9699	1.0138	1.0000	0.7493	0.7524	0.2494
3.725	0.9706	1.0134	1.0000	0.7489	0.7524	0.2494
3.750	0.9720	1.0137	1.0000	0.7485	0.7524	0.2494
3.775	0.9769	1.0135	1.0000	0.7481	0.7524	0.2494
3.800	0.9792	1.0094	1.0000	0.7478	0.7524	0.2494
3.825	0.9831	1.0071	1.0000	0.7476	0.7524	0.2494
3.850	0.9840	1.0043	1.0000	0.7474	0.7523	0.2494
3.875	0.9881	1.0015	1.0000	0.7473	0.7523	0.2495
3.900	0.9932	0.9989	1.0000	0.7473	0.7522	0.2495
3.925	0.9969	0.9956	1.0000	0.7473	0.7521	0.2495
3.950	1.0002	0.9977	1.0000	0.7474	0.7520	0.2495
3.975	1.0018	0.9933	1.0000	0.7475	0.7518	0.2495
4.000	1.0000	1.0000	1.0000	0.7476	0.7517	0.2495

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=1.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.508$ $x_1=0.9005$ $\epsilon_{22}/\epsilon_{11}=1.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0001	0.0000	0.0000	1.0000	1.0000	0.0000
0.900	0.0045	0.0013	0.0000	1.0000	1.0000	0.0000
0.925	0.0574	0.0265	0.0088	1.0000	1.0000	0.0000
0.950	0.2953	0.1912	0.1077	1.0000	1.0000	0.0004
0.975	0.8488	0.6668	0.4724	1.0000	1.0000	0.0025
1.000	1.6020	1.4006	1.0453	1.0000	1.0000	0.0079
1.025	2.3253	2.1664	1.7305	1.0000	1.0000	0.0176
1.050	2.7972	2.6409	2.1098	1.0000	1.0000	0.0305
1.075	2.9912	2.8123	2.1598	1.0000	1.0000	0.0438
1.100	2.9492	2.7127	1.9683	1.0000	1.0000	0.0555
1.125	2.7691	2.4794	1.7617	1.0000	1.0000	0.0650
1.150	2.5269	2.1890	1.4675	1.0000	1.0000	0.0719
1.175	2.2707	1.9190	1.2785	1.0000	1.0000	0.0767
1.200	2.0191	1.6446	1.0796	1.0000	1.0000	0.0796
1.225	1.7942	1.4429	0.9166	1.0000	1.0000	0.0807
1.250	1.5994	1.2516	0.8127	1.0000	0.9999	0.0807
1.275	1.4264	1.1075	0.7524	1.0000	0.9993	0.0799
1.300	1.2918	1.0004	0.6906	1.0000	0.9975	0.0787
1.325	1.1697	0.9079	0.6763	1.0000	0.9938	0.0774
1.350	1.0769	0.8473	0.6655	1.0000	0.9878	0.0762
1.375	0.9893	0.7926	0.6973	1.0000	0.9793	0.0753
1.400	0.9235	0.7702	0.7522	0.9998	0.9695	0.0749
1.425	0.8655	0.7447	0.8261	0.9992	0.9595	0.0751
1.450	0.8261	0.7418	0.9315	0.9977	0.9501	0.0758
1.475	0.7871	0.7478	1.0289	0.9945	0.9419	0.0771
1.500	0.7572	0.7718	1.1539	0.9893	0.9350	0.0790
1.525	0.7356	0.8103	1.2474	0.9820	0.9296	0.0813
1.550	0.7237	0.8456	1.2925	0.9728	0.9255	0.0838
1.575	0.7117	0.9062	1.3099	0.9625	0.9224	0.0863
1.600	0.7029	0.9711	1.3123	0.9517	0.9204	0.0887
1.625	0.7059	1.0311	1.2693	0.9412	0.9194	0.0908
1.650	0.7153	1.0970	1.1894	0.9314	0.9192	0.0924
1.675	0.7177	1.1488	1.1219	0.9225	0.9195	0.0936
1.700	0.7329	1.1816	1.0660	0.9148	0.9201	0.0943
1.725	0.7512	1.2154	1.0216	0.9083	0.9210	0.0947
1.750	0.7685	1.2101	0.9654	0.9029	0.9220	0.0948
1.775	0.7961	1.2024	0.9315	0.8985	0.9229	0.0946
1.800	0.8274	1.1727	0.9150	0.8951	0.9238	0.0944
1.825	0.8577	1.1359	0.9058	0.8926	0.9245	0.0940
1.850	0.8835	1.0937	0.9100	0.8908	0.9249	0.0938
1.875	0.9184	1.0464	0.9267	0.8897	0.9251	0.0936
1.900	0.9541	1.0082	0.9367	0.8892	0.9249	0.0935
1.925	0.9838	0.9693	0.9706	0.8891	0.9244	0.0936
1.950	1.0163	0.9345	0.9969	0.8894	0.9236	0.0938
1.975	1.0415	0.9129	1.0343	0.8901	0.9225	0.0941
2.000	1.0721	0.8985	1.0596	0.8910	0.9210	0.0946
2.025	1.0928	0.8845	1.0831	0.8921	0.9193	0.0952
2.050	1.1104	0.8785	1.1024	0.8933	0.9175	0.0958
2.075	1.1221	0.8748	1.1046	0.8946	0.9156	0.0964
2.100	1.1294	0.8789	1.0993	0.8960	0.9137	0.0969
2.125	1.1215	0.8874	1.0836	0.8973	0.9119	0.0974
2.150	1.1136	0.9025	1.0601	0.8985	0.9102	0.0978
2.175	1.0973	0.9148	1.0386	0.8997	0.9088	0.0980
2.200	1.0745	0.9340	1.0179	0.9008	0.9076	0.0982
2.225	1.0532	0.9542	1.0012	0.9017	0.9067	0.0982
2.250	1.0332	0.9777	0.9920	0.9025	0.9060	0.0982
2.275	1.0086	0.9951	0.9708	0.9031	0.9056	0.0981
2.300	0.9893	1.0172	0.9570	0.9036	0.9053	0.0980
2.325	0.9677	1.0304	0.9552	0.9039	0.9052	0.0978
2.350	0.9521	1.0407	0.9687	0.9040	0.9053	0.0977
2.375	0.9345	1.0490	0.9623	0.9040	0.9054	0.0976
2.400	0.9174	1.0559	0.9883	0.9039	0.9056	0.0976
2.425	0.9076	1.0537	1.0144	0.9036	0.9059	0.0976
2.450	0.8993	1.0476	0.9987	0.9031	0.9061	0.0977
2.475	0.8907	1.0413	1.0025	0.9026	0.9063	0.0977
2.500	0.8869	1.0280	1.0063	0.9019	0.9064	0.0978
2.525	0.8871	1.0176	1.0197	0.9012	0.9065	0.0979

2.550	0.8843	1.0020	1.0220	0.9004	0.9065	0.0980
2.575	0.8828	0.9924	1.0197	0.8996	0.9064	0.0981
2.600	0.8890	0.9819	1.0096	0.8987	0.9062	0.0982
2.625	0.8943	0.9683	1.0067	0.8979	0.9060	0.0983
2.650	0.9018	0.9638	1.0083	0.8972	0.9056	0.0984
2.675	0.9114	0.9595	1.0033	0.8965	0.9053	0.0984
2.700	0.9188	0.9549	0.9879	0.8960	0.9048	0.0984
2.725	0.9305	0.9538	0.9916	0.8955	0.9044	0.0984
2.750	0.9399	0.9566	0.9929	0.8951	0.9039	0.0984
2.775	0.9558	0.9602	0.9881	0.8949	0.9035	0.0984
2.800	0.9668	0.9642	0.9877	0.8947	0.9031	0.0984
2.825	0.9793	0.9714	0.9871	0.8947	0.9027	0.0984
2.850	0.9918	0.9785	0.9935	0.8948	0.9024	0.0984
2.875	1.0016	0.9866	1.0049	0.8949	0.9021	0.0984
2.900	1.0150	0.9941	1.0030	0.8952	0.9020	0.0984
2.925	1.0269	1.0026	1.0082	0.8955	0.9019	0.0984
2.950	1.0336	1.0096	1.0191	0.8959	0.9018	0.0985
2.975	1.0471	1.0138	1.0000	0.8963	0.9018	0.0985
3.000	1.0553	1.0205	1.0000	0.8967	0.9018	0.0986
3.025	1.0609	1.0240	1.0000	0.8972	0.9018	0.0986
3.050	1.0650	1.0249	1.0000	0.8977	0.9019	0.0986
3.075	1.0687	1.0239	1.0000	0.8982	0.9020	0.0986
3.100	1.0673	1.0242	1.0000	0.8986	0.9022	0.0987
3.125	1.0681	1.0224	1.0000	0.8991	0.9022	0.0987
3.150	1.0647	1.0200	1.0000	0.8995	0.9023	0.0987
3.175	1.0612	1.0162	1.0000	0.8999	0.9024	0.0987
3.200	1.0549	1.0150	1.0000	0.9003	0.9024	0.0987
3.225	1.0498	1.0124	1.0000	0.9006	0.9024	0.0988
3.250	1.0436	1.0041	1.0000	0.9009	0.9024	0.0988
3.275	1.0369	1.0006	1.0000	0.9012	0.9023	0.0988
3.300	1.0249	1.0012	1.0000	0.9014	0.9023	0.0988
3.325	1.0175	0.9939	1.0000	0.9015	0.9022	0.0988
3.350	1.0128	0.9937	1.0000	0.9016	0.9022	0.0988
3.375	1.0029	0.9915	1.0000	0.9016	0.9021	0.0989
3.400	0.9986	0.9916	1.0000	0.9017	0.9020	0.0989
3.425	0.9916	0.9920	1.0000	0.9016	0.9019	0.0989
3.450	0.9869	0.9930	1.0000	0.9016	0.9018	0.0989
3.475	0.9816	0.9895	1.0000	0.9015	0.9017	0.0989
3.500	0.9788	0.9947	1.0000	0.9014	0.9017	0.0989
3.525	0.9775	0.9985	1.0000	0.9012	0.9016	0.0989
3.550	0.9769	0.9990	1.0000	0.9011	0.9016	0.0990
3.575	0.9727	1.0007	1.0000	0.9009	0.9016	0.0990
3.600	0.9756	1.0049	1.0000	0.9008	0.9016	0.0990
3.625	0.9779	1.0036	1.0000	0.9006	0.9016	0.0990
3.650	0.9766	1.0081	1.0000	0.9005	0.9016	0.0990
3.675	0.9812	1.0097	1.0000	0.9003	0.9016	0.0990
3.700	0.9830	1.0095	1.0000	0.9002	0.9016	0.0990
3.725	0.9857	1.0107	1.0000	0.9001	0.9016	0.0990
3.750	0.9917	1.0079	1.0000	0.9001	0.9016	0.0991
3.775	0.9958	1.0061	1.0000	0.9000	0.9016	0.0991
3.800	0.9985	1.0101	1.0000	0.9000	0.9016	0.0991
3.825	1.0038	1.0070	1.0000	0.9000	0.9016	0.0991
3.850	1.0070	1.0034	1.0000	0.9000	0.9016	0.0991
3.875	1.0101	1.0025	1.0000	0.9000	0.9016	0.0991
3.900	1.0149	1.0057	1.0000	0.9001	0.9016	0.0991
3.925	1.0160	1.0008	1.0000	0.9002	0.9015	0.0991
3.950	1.0186	0.9958	1.0000	0.9003	0.9015	0.0991
3.975	1.0234	1.0000	1.0000	0.9004	0.9014	0.0991
4.000	1.0000	1.0000	1.0000	0.9004	0.9014	0.0991

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=1.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.612 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0002	0.0000	0.0000	1.0000	1.0000	0.0000
0.900	0.0043	0.0012	0.0007	1.0000	1.0000	0.0000
0.925	0.0542	0.0249	0.0068	1.0000	1.0000	0.0000
0.950	0.2792	0.1761	0.0809	1.0000	1.0000	0.0002
0.975	0.7913	0.6089	0.3737	1.0000	1.0000	0.0010
1.000	1.5135	1.2909	0.8572	1.0000	1.0000	0.0033
1.025	2.1823	1.9752	1.2725	1.0000	1.0000	0.0072
1.050	2.6449	2.4085	1.5137	1.0000	1.0000	0.0120
1.075	2.8134	2.5733	1.6458	1.0000	1.0000	0.0172
1.100	2.7839	2.4836	1.5767	1.0000	1.0000	0.0222
1.125	2.6130	2.2940	1.3758	1.0000	1.0000	0.0262
1.150	2.3865	2.0149	1.1885	1.0000	1.0000	0.0292
1.175	2.1467	1.7635	1.0259	1.0000	1.0000	0.0313
1.200	1.9111	1.5274	0.8830	1.0000	1.0000	0.0324
1.225	1.6997	1.3334	0.8041	1.0000	1.0000	0.0330
1.250	1.5176	1.1629	0.7401	1.0000	1.0000	0.0330
1.275	1.3608	1.0434	0.6937	1.0000	0.9997	0.0328
1.300	1.2288	0.9400	0.6483	1.0000	0.9990	0.0324
1.325	1.1177	0.8649	0.6127	1.0000	0.9975	0.0319
1.350	1.0218	0.8020	0.6297	1.0000	0.9949	0.0315
1.375	0.9529	0.7668	0.6209	1.0000	0.9917	0.0313
1.400	0.8895	0.7418	0.6973	0.9999	0.9880	0.0312
1.425	0.8411	0.7340	0.7982	0.9996	0.9841	0.0314
1.450	0.7989	0.7279	0.8905	0.9989	0.9802	0.0319
1.475	0.7648	0.7480	1.0550	0.9975	0.9767	0.0328
1.500	0.7444	0.7758	1.1733	0.9951	0.9738	0.0341
1.525	0.7229	0.8202	1.2975	0.9917	0.9714	0.0356
1.550	0.7114	0.8757	1.3538	0.9874	0.9696	0.0372
1.575	0.7038	0.9391	1.3714	0.9826	0.9684	0.0389
1.600	0.7011	1.0111	1.3367	0.9775	0.9676	0.0404
1.625	0.7080	1.0724	1.2832	0.9724	0.9671	0.0417
1.650	0.7120	1.1447	1.2625	0.9677	0.9669	0.0428
1.675	0.7290	1.2005	1.1649	0.9634	0.9670	0.0437
1.700	0.7466	1.2375	1.0749	0.9596	0.9672	0.0442
1.725	0.7656	1.2564	1.0687	0.9564	0.9675	0.0446
1.750	0.7931	1.2556	1.0029	0.9537	0.9678	0.0448
1.775	0.8220	1.2363	0.9798	0.9516	0.9682	0.0449
1.800	0.8575	1.2064	0.9409	0.9500	0.9685	0.0450
1.825	0.8938	1.1734	0.9488	0.9488	0.9687	0.0450
1.850	0.9290	1.1166	0.9645	0.9480	0.9688	0.0450
1.875	0.9688	1.0800	0.9800	0.9476	0.9688	0.0451
1.900	1.0028	1.0371	1.0207	0.9474	0.9686	0.0453
1.925	1.0329	0.9935	1.0761	0.9475	0.9682	0.0456
1.950	1.0679	0.9602	1.0706	0.9478	0.9677	0.0459
1.975	1.0990	0.9349	1.1561	0.9482	0.9669	0.0463
2.000	1.1264	0.9050	1.1625	0.9487	0.9659	0.0468
2.025	1.1503	0.8890	1.1639	0.9493	0.9648	0.0473
2.050	1.1681	0.8772	1.1494	0.9500	0.9636	0.0478
2.075	1.1754	0.8760	1.1596	0.9507	0.9624	0.0482
2.100	1.1808	0.8790	1.1268	0.9514	0.9611	0.0485
2.125	1.1694	0.8978	1.1177	0.9521	0.9600	0.0489
2.150	1.1613	0.9027	1.0678	0.9527	0.9589	0.0491
2.175	1.1437	0.9183	1.0350	0.9533	0.9580	0.0492
2.200	1.1223	0.9404	1.0234	0.9538	0.9572	0.0493
2.225	1.0961	0.9657	1.0137	0.9543	0.9565	0.0493
2.250	1.0722	0.9852	0.9622	0.9546	0.9560	0.0493
2.275	1.0427	1.0033	0.9512	0.9549	0.9557	0.0492
2.300	1.0191	1.0194	0.9505	0.9550	0.9554	0.0491
2.325	0.9940	1.0391	0.9458	0.9551	0.9552	0.0490
2.350	0.9768	1.0453	0.9796	0.9551	0.9551	0.0490
2.375	0.9527	1.0469	0.9321	0.9550	0.9551	0.0489
2.400	0.9369	1.0473	0.9537	0.9548	0.9550	0.0488
2.425	0.9215	1.0414	0.9826	0.9545	0.9550	0.0488
2.450	0.9093	1.0410	0.9973	0.9542	0.9550	0.0488
2.475	0.8992	1.0262	0.9838	0.9537	0.9550	0.0489
2.500	0.8952	1.0120	0.9965	0.9533	0.9549	0.0489
2.525	0.8883	1.0054	0.9996	0.9528	0.9548	0.0489

2.550	0.8884	0.9900	1.0233	0.9522	0.9546	0.0490
2.575	0.8926	0.9807	1.0210	0.9517	0.9543	0.0491
2.600	0.8917	0.9717	0.9976	0.9511	0.9541	0.0491
2.625	0.8983	0.9626	1.0069	0.9506	0.9538	0.0491
2.650	0.9079	0.9536	0.9936	0.9501	0.9534	0.0492
2.675	0.9132	0.9496	0.9752	0.9497	0.9531	0.0492
2.700	0.9243	0.9431	0.9770	0.9493	0.9527	0.0491
2.725	0.9364	0.9479	0.9724	0.9490	0.9524	0.0491
2.750	0.9485	0.9509	0.9765	0.9487	0.9520	0.0491
2.775	0.9611	0.9560	0.9902	0.9485	0.9517	0.0491
2.800	0.9743	0.9562	0.9853	0.9484	0.9515	0.0490
2.825	0.9843	0.9715	0.9913	0.9483	0.9512	0.0490
2.850	0.9961	0.9725	0.9834	0.9483	0.9510	0.0490
2.875	1.0101	0.9776	0.9846	0.9483	0.9509	0.0490
2.900	1.0183	0.9896	0.9884	0.9484	0.9508	0.0490
2.925	1.0284	0.9977	0.9920	0.9485	0.9507	0.0490
2.950	1.0363	1.0106	1.0151	0.9487	0.9507	0.0490
2.975	1.0450	1.0183	1.0214	0.9488	0.9507	0.0491
3.000	1.0498	1.0184	1.0222	0.9490	0.9507	0.0491
3.025	1.0563	1.0232	1.0292	0.9492	0.9508	0.0492
3.050	1.0582	1.0199	1.0407	0.9494	0.9508	0.0492
3.075	1.0582	1.0167	1.0350	0.9497	0.9509	0.0493
3.100	1.0591	1.0158	1.0361	0.9499	0.9510	0.0494
3.125	1.0571	1.0170	1.0315	0.9501	0.9510	0.0494
3.150	1.0531	1.0174	1.0318	0.9503	0.9510	0.0494
3.175	1.0467	1.0123	1.0274	0.9505	0.9511	0.0495
3.200	1.0439	1.0073	1.0195	0.9507	0.9512	0.0495
3.225	1.0345	1.0035	1.0051	0.9508	0.9512	0.0495
3.250	1.0293	1.0003	1.0172	0.9509	0.9512	0.0496
3.275	1.0197	0.9961	1.0281	0.9510	0.9512	0.0496
3.300	1.0127	0.9933	1.0077	0.9511	0.9511	0.0496
3.325	1.0034	0.9870	1.0257	0.9511	0.9511	0.0496
3.350	0.9990	0.9863	1.0234	0.9511	0.9511	0.0497
3.375	0.9895	0.9884	1.0107	0.9511	0.9511	0.0497
3.400	0.9859	0.9909	1.0259	0.9511	0.9510	0.0497
3.425	0.9820	0.9875	1.0130	0.9511	0.9510	0.0497
3.450	0.9748	0.9911	1.0189	0.9510	0.9509	0.0497
3.475	0.9733	0.9933	0.9938	0.9509	0.9509	0.0498
3.500	0.9719	0.9943	1.0114	0.9509	0.9509	0.0498
3.525	0.9692	0.9978	1.0081	0.9508	0.9508	0.0498
3.550	0.9698	1.0048	1.0031	0.9507	0.9508	0.0498
3.575	0.9709	1.0052	1.0076	0.9506	0.9509	0.0498
3.600	0.9715	1.0078	0.9951	0.9505	0.9509	0.0498
3.625	0.9732	1.0117	0.9976	0.9504	0.9509	0.0498
3.650	0.9740	1.0150	0.9934	0.9504	0.9509	0.0498
3.675	0.9800	1.0142	0.9928	0.9503	0.9509	0.0498
3.700	0.9837	1.0145	0.9890	0.9502	0.9509	0.0498
3.725	0.9871	1.0136	0.9815	0.9502	0.9510	0.0497
3.750	0.9918	1.0123	1.0000	0.9502	0.9510	0.0497
3.775	0.9969	1.0090	1.0000	0.9502	0.9510	0.0497
3.800	1.0010	1.0076	1.0000	0.9502	0.9510	0.0497
3.825	1.0070	1.0068	1.0000	0.9502	0.9510	0.0497
3.850	1.0097	1.0027	1.0000	0.9502	0.9510	0.0497
3.875	1.0128	1.0023	1.0000	0.9502	0.9510	0.0497
3.900	1.0154	1.0000	1.0000	0.9503	0.9510	0.0497
3.925	1.0181	0.9989	1.0000	0.9503	0.9510	0.0497
3.950	1.0215	0.9966	1.0000	0.9503	0.9509	0.0498
3.975	1.0216	0.9969	1.0000	0.9504	0.9509	0.0498
4.000	1.0000	1.0000	1.0000	0.9505	0.9509	0.0498

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.091 x_1= 0.0498 $\epsilon 22/\epsilon 11$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0058	0.0397	1.0000	1.0000	0.0416
0.875	0.0159	0.0453	0.1736	1.0000	1.0000	0.1824
0.900	0.0944	0.1897	0.4559	1.0000	1.0000	0.4168
0.925	0.2946	0.4750	0.8387	1.0000	1.0000	0.6208
0.950	0.6664	0.8612	1.2301	1.0000	1.0000	0.7487
0.975	1.1795	1.2634	1.5373	1.0000	1.0000	0.8221
1.000	1.6566	1.5761	1.7327	1.0000	1.0000	0.8649
1.025	1.9971	1.7982	1.8198	1.0000	1.0000	0.8910
1.050	2.2863	1.9089	1.8297	1.0000	0.9999	0.9078
1.075	2.4414	1.9338	1.7886	1.0000	0.9995	0.9191
1.100	2.4050	1.9122	1.7169	1.0000	0.9957	0.9270
1.125	2.4668	1.8632	1.6291	1.0000	0.9745	0.9327
1.150	2.3332	1.7814	1.5367	1.0000	0.9045	0.9370
1.175	2.2362	1.6950	1.4472	1.0000	0.7633	0.9402
1.200	2.1609	1.6149	1.3633	1.0000	0.5832	0.9426
1.225	2.1269	1.5386	1.2845	1.0000	0.4230	0.9445
1.250	1.8591	1.4684	1.2141	0.9996	0.3066	0.9460
1.275	1.8339	1.3917	1.1522	0.9966	0.2289	0.9471
1.300	1.6952	1.3283	1.0977	0.9842	0.1779	0.9480
1.325	1.6595	1.2672	1.0497	0.9455	0.1439	0.9487
1.350	1.5462	1.2123	1.0077	0.8607	0.1206	0.9492
1.375	1.5135	1.1696	0.9720	0.7306	0.1042	0.9496
1.400	1.4359	1.1249	0.9412	0.5836	0.0922	0.9499
1.425	1.3954	1.0885	0.9151	0.4510	0.0834	0.9500
1.450	1.3089	1.0519	0.8941	0.3467	0.0766	0.9501
1.475	1.3248	1.0233	0.8771	0.2706	0.0714	0.9501
1.500	1.2825	1.0026	0.8638	0.2169	0.0673	0.9500
1.525	1.1885	0.9769	0.8556	0.1785	0.0640	0.9499
1.550	1.1896	0.9567	0.8493	0.1506	0.0613	0.9497
1.575	1.1395	0.9378	0.8449	0.1300	0.0592	0.9495
1.600	1.0892	0.9197	0.8454	0.1146	0.0574	0.9493
1.625	1.0987	0.9083	0.8480	0.1028	0.0559	0.9491
1.650	1.0721	0.8941	0.8543	0.0937	0.0547	0.9488
1.675	1.0093	0.8845	0.8625	0.0863	0.0537	0.9485
1.700	1.0118	0.8779	0.8729	0.0804	0.0529	0.9483
1.725	1.0457	0.8721	0.8859	0.0757	0.0522	0.9480
1.750	0.9735	0.8675	0.9017	0.0718	0.0516	0.9478
1.775	0.9766	0.8647	0.9188	0.0685	0.0512	0.9476
1.800	0.9813	0.8618	0.9370	0.0657	0.0508	0.9474
1.825	0.9379	0.8664	0.9569	0.0634	0.0505	0.9473
1.850	0.9925	0.8683	0.9774	0.0614	0.0503	0.9472
1.875	0.9123	0.8698	0.9970	0.0597	0.0501	0.9472
1.900	0.9227	0.8791	1.0152	0.0582	0.0500	0.9472
1.925	0.9411	0.8824	1.0322	0.0570	0.0499	0.9473
1.950	0.9569	0.8854	1.0457	0.0559	0.0499	0.9474
1.975	0.8967	0.8947	1.0574	0.0550	0.0499	0.9476
2.000	0.9114	0.9022	1.0657	0.0542	0.0500	0.9477
2.025	0.8695	0.9147	1.0708	0.0534	0.0501	0.9479
2.050	0.8919	0.9247	1.0729	0.0528	0.0502	0.9481
2.075	0.8984	0.9346	1.0736	0.0522	0.0503	0.9483
2.100	0.8661	0.9468	1.0702	0.0517	0.0505	0.9485
2.125	0.8908	0.9565	1.0664	0.0513	0.0506	0.9486
2.150	0.8597	0.9693	1.0602	0.0509	0.0508	0.9488
2.175	0.8897	0.9850	1.0541	0.0506	0.0510	0.9490
2.200	0.8800	0.9980	1.0457	0.0503	0.0512	0.9491
2.225	0.8838	1.0098	1.0389	0.0501	0.0514	0.9492
2.250	0.8262	1.0218	1.0299	0.0499	0.0516	0.9494
2.275	0.8814	1.0317	1.0219	0.0497	0.0518	0.9495
2.300	0.8735	1.0357	1.0143	0.0495	0.0520	0.9495
2.325	0.8683	1.0428	1.0072	0.0494	0.0522	0.9496
2.350	0.8631	1.0513	1.0006	0.0493	0.0523	0.9497
2.375	0.8497	1.0552	0.9947	0.0492	0.0525	0.9497
2.400	0.8384	1.0591	0.9898	0.0491	0.0526	0.9497
2.425	0.8635	1.0579	0.9853	0.0490	0.0527	0.9498
2.450	0.8616	1.0593	0.9808	0.0490	0.0527	0.9498
2.475	0.8712	1.0617	0.9787	0.0490	0.0528	0.9498
2.500	0.8803	1.0554	0.9762	0.0490	0.0528	0.9498
2.525	0.8788	1.0561	0.9743	0.0490	0.0528	0.9498

2.550	0.8635	1.0501	0.9735	0.0490	0.0527	0.9498
2.575	0.8864	1.0454	0.9736	0.0490	0.0527	0.9497
2.600	0.8826	1.0409	0.9745	0.0490	0.0526	0.9497
2.625	0.9047	1.0375	0.9760	0.0491	0.0525	0.9497
2.650	0.9219	1.0323	0.9787	0.0492	0.0524	0.9497
2.675	0.9492	1.0275	0.9806	0.0493	0.0522	0.9497
2.700	0.9369	1.0254	0.9836	0.0494	0.0521	0.9496
2.725	0.9158	1.0204	0.9857	0.0495	0.0520	0.9496
2.750	0.9468	1.0137	0.9887	0.0496	0.0518	0.9496
2.775	0.9516	1.0076	0.9918	0.0497	0.0517	0.9496
2.800	0.9564	1.0054	0.9948	0.0498	0.0515	0.9496
2.825	0.9839	0.9989	0.9981	0.0499	0.0514	0.9496
2.850	0.9897	0.9991	1.0007	0.0501	0.0513	0.9496
2.875	0.9757	0.9946	1.0040	0.0502	0.0511	0.9496
2.900	1.0089	0.9910	1.0053	0.0503	0.0510	0.9496
2.925	1.0259	0.9892	1.0080	0.0505	0.0509	0.9496
2.950	1.0224	0.9846	1.0098	0.0506	0.0508	0.9497
2.975	1.0436	0.9836	1.0111	0.0508	0.0507	0.9497
3.000	1.0162	0.9825	1.0114	0.0509	0.0506	0.9497
3.025	1.0310	0.9788	1.0120	0.0510	0.0506	0.9497
3.050	1.0374	0.9804	1.0120	0.0511	0.0505	0.9498
3.075	1.0382	0.9805	1.0114	0.0512	0.0504	0.9498
3.100	1.0532	0.9789	1.0112	0.0514	0.0504	0.9498
3.125	1.0724	0.9789	1.0105	0.0515	0.0503	0.9498
3.150	1.0284	0.9800	1.0091	0.0516	0.0503	0.9498
3.175	1.0447	0.9806	1.0080	0.0516	0.0503	0.9499
3.200	1.0734	0.9811	1.0069	0.0517	0.0503	0.9499
3.225	1.0677	0.9825	1.0057	0.0518	0.0502	0.9499
3.250	1.0672	0.9844	1.0045	0.0518	0.0502	0.9499
3.275	1.0449	0.9852	1.0032	0.0519	0.0502	0.9499
3.300	1.0643	0.9856	1.0023	0.0519	0.0502	0.9499
3.325	1.0490	0.9878	1.0011	0.0519	0.0502	0.9499
3.350	1.0633	0.9910	0.9996	0.0519	0.0502	0.9499
3.375	1.0518	0.9915	0.9987	0.0519	0.0502	0.9499
3.400	1.0482	0.9944	0.9978	0.0519	0.0502	0.9499
3.425	1.0394	0.9963	0.9975	0.0518	0.0503	0.9500
3.450	1.0571	0.9988	0.9963	0.0518	0.0503	0.9500
3.475	1.0296	1.0009	0.9959	0.0518	0.0503	0.9500
3.500	1.0414	1.0022	0.9960	0.0517	0.0503	0.9500
3.525	1.0338	1.0016	0.9955	0.0516	0.0503	0.9500
3.550	1.0291	1.0034	0.9955	0.0516	0.0503	0.9500
3.575	1.0200	1.0058	0.9958	0.0515	0.0503	0.9500
3.600	1.0244	1.0049	0.9960	0.0514	0.0504	0.9500
3.625	1.0352	1.0065	0.9964	0.0514	0.0504	0.9500
3.650	1.0254	1.0073	0.9968	0.0513	0.0504	0.9500
3.675	1.0331	1.0084	0.9973	0.0513	0.0504	0.9500
3.700	1.0083	1.0070	0.9977	0.0512	0.0504	0.9500
3.725	1.0346	1.0088	0.9981	0.0511	0.0504	0.9500
3.750	1.0087	1.0059	0.9992	0.0511	0.0504	0.9500
3.775	1.0025	1.0073	0.9993	0.0510	0.0504	0.9500
3.800	0.9843	1.0087	0.9997	0.0509	0.0504	0.9500
3.825	0.9879	1.0062	1.0006	0.0508	0.0504	0.9500
3.850	0.9903	1.0084	1.0009	0.0507	0.0504	0.9500
3.875	0.9947	1.0068	1.0012	0.0507	0.0504	0.9500
3.900	0.9865	1.0079	1.0019	0.0506	0.0504	0.9500
3.925	0.9863	1.0055	1.0019	0.0505	0.0503	0.9500
3.950	0.9906	1.0050	1.0022	0.0505	0.0503	0.9500
3.975	0.9950	1.0077	1.0023	0.0504	0.0503	0.9500
4.000	1.0000	1.0000	1.0000	0.0504	0.0503	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.095 x_1= 0.0999 $\epsilon 22/\epsilon 11$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0010	0.0050	0.0388	1.0000	1.0000	0.0196
0.875	0.0083	0.0435	0.1721	1.0000	1.0000	0.0950
0.900	0.0787	0.1852	0.4503	1.0000	1.0000	0.2515
0.925	0.3031	0.4663	0.8342	1.0000	1.0000	0.4356
0.950	0.6533	0.8555	1.2192	1.0000	1.0000	0.5845
0.975	1.2076	1.2407	1.5268	1.0000	1.0000	0.6857
1.000	1.6653	1.5639	1.7180	1.0000	1.0000	0.7513
1.025	2.0909	1.7733	1.8109	1.0000	1.0000	0.7941
1.050	2.3499	1.8889	1.8211	1.0000	1.0000	0.8229
1.075	2.4817	1.9180	1.7813	1.0000	0.9998	0.8428
1.100	2.4914	1.9033	1.7077	1.0000	0.9980	0.8571
1.125	2.5235	1.8484	1.6195	1.0000	0.9882	0.8675
1.150	2.3137	1.7718	1.5299	1.0000	0.9530	0.8753
1.175	2.2815	1.6982	1.4391	1.0000	0.8726	0.8811
1.200	2.2007	1.6105	1.3582	1.0000	0.7485	0.8857
1.225	2.0363	1.5290	1.2816	1.0000	0.6088	0.8892
1.250	1.9334	1.4528	1.2130	0.9998	0.4837	0.8919
1.275	1.8387	1.3853	1.1522	0.9987	0.3861	0.8941
1.300	1.7846	1.3176	1.0989	0.9932	0.3143	0.8958
1.325	1.6909	1.2648	1.0514	0.9752	0.2625	0.8970
1.350	1.5771	1.2105	1.0098	0.9322	0.2251	0.8980
1.375	1.5282	1.1694	0.9738	0.8571	0.1976	0.8987
1.400	1.5052	1.1202	0.9447	0.7552	0.1771	0.8992
1.425	1.3872	1.0895	0.9190	0.6426	0.1615	0.8995
1.450	1.3283	1.0538	0.8996	0.5368	0.1495	0.8996
1.475	1.3149	1.0223	0.8837	0.4475	0.1400	0.8997
1.500	1.2765	0.9994	0.8703	0.3763	0.1325	0.8996
1.525	1.2612	0.9774	0.8607	0.3211	0.1265	0.8994
1.550	1.1507	0.9564	0.8554	0.2784	0.1216	0.8991
1.575	1.1447	0.9445	0.8521	0.2453	0.1176	0.8988
1.600	1.1593	0.9272	0.8523	0.2197	0.1143	0.8984
1.625	1.1191	0.9155	0.8548	0.1996	0.1116	0.8980
1.650	1.1044	0.9023	0.8590	0.1835	0.1094	0.8975
1.675	1.0942	0.8916	0.8676	0.1706	0.1075	0.8971
1.700	1.0740	0.8839	0.8772	0.1601	0.1059	0.8966
1.725	1.0434	0.8787	0.8903	0.1514	0.1046	0.8961
1.750	1.0140	0.8755	0.9062	0.1441	0.1036	0.8957
1.775	0.9825	0.8736	0.9206	0.1379	0.1027	0.8954
1.800	0.9681	0.8701	0.9390	0.1327	0.1020	0.8951
1.825	0.9983	0.8741	0.9576	0.1283	0.1014	0.8948
1.850	0.9854	0.8748	0.9761	0.1246	0.1010	0.8947
1.875	0.9792	0.8778	0.9958	0.1214	0.1007	0.8947
1.900	0.9692	0.8825	1.0134	0.1187	0.1005	0.8947
1.925	0.9554	0.8850	1.0304	0.1163	0.1004	0.8949
1.950	0.9423	0.8896	1.0440	0.1143	0.1003	0.8950
1.975	0.9551	0.8983	1.0541	0.1125	0.1003	0.8953
2.000	0.9532	0.9045	1.0619	0.1110	0.1004	0.8956
2.025	0.9277	0.9139	1.0680	0.1096	0.1006	0.8959
2.050	0.9435	0.9251	1.0684	0.1084	0.1007	0.8962
2.075	0.9108	0.9342	1.0694	0.1073	0.1010	0.8966
2.100	0.9111	0.9421	1.0673	0.1064	0.1012	0.8969
2.125	0.8923	0.9564	1.0629	0.1056	0.1015	0.8972
2.150	0.9024	0.9706	1.0574	0.1048	0.1018	0.8975
2.175	0.8952	0.9795	1.0513	0.1042	0.1021	0.8978
2.200	0.8750	0.9926	1.0450	0.1036	0.1025	0.8981
2.225	0.8696	1.0029	1.0372	0.1030	0.1028	0.8983
2.250	0.8836	1.0155	1.0286	0.1026	0.1032	0.8985
2.275	0.8977	1.0269	1.0211	0.1022	0.1035	0.8987
2.300	0.8963	1.0370	1.0144	0.1019	0.1039	0.8989
2.325	0.8713	1.0414	1.0078	0.1016	0.1042	0.8990
2.350	0.9021	1.0470	1.0017	0.1014	0.1045	0.8991
2.375	0.8957	1.0535	0.9963	0.1012	0.1047	0.8992
2.400	0.8931	1.0558	0.9918	0.1011	0.1049	0.8992
2.425	0.8934	1.0611	0.9862	0.1010	0.1051	0.8993
2.450	0.8875	1.0567	0.9827	0.1009	0.1052	0.8993
2.475	0.8937	1.0565	0.9802	0.1008	0.1053	0.8993
2.500	0.9066	1.0533	0.9785	0.1008	0.1053	0.8993
2.525	0.9082	1.0532	0.9761	0.1008	0.1053	0.8993

2.550	0.9216	1.0488	0.9768	0.1009	0.1052	0.8993
2.575	0.9056	1.0471	0.9765	0.1009	0.1051	0.8993
2.600	0.9310	1.0414	0.9773	0.1010	0.1050	0.8992
2.625	0.9222	1.0335	0.9785	0.1011	0.1048	0.8992
2.650	0.9489	1.0304	0.9797	0.1012	0.1046	0.8992
2.675	0.9339	1.0294	0.9817	0.1014	0.1043	0.8992
2.700	0.9288	1.0228	0.9839	0.1015	0.1041	0.8991
2.725	0.9673	1.0216	0.9863	0.1016	0.1038	0.8991
2.750	0.9715	1.0138	0.9901	0.1018	0.1036	0.8991
2.775	0.9794	1.0101	0.9923	0.1020	0.1033	0.8991
2.800	0.9761	1.0056	0.9946	0.1022	0.1031	0.8991
2.825	1.0019	1.0035	0.9984	0.1024	0.1028	0.8991
2.850	1.0060	1.0005	1.0009	0.1027	0.1026	0.8991
2.875	1.0288	0.9932	1.0029	0.1029	0.1024	0.8991
2.900	1.0135	0.9930	1.0050	0.1032	0.1022	0.8991
2.925	1.0431	0.9902	1.0068	0.1034	0.1020	0.8991
2.950	1.0405	0.9876	1.0089	0.1037	0.1018	0.8992
2.975	1.0411	0.9831	1.0101	0.1039	0.1016	0.8992
3.000	1.0580	0.9822	1.0106	0.1042	0.1015	0.8992
3.025	1.0519	0.9829	1.0110	0.1044	0.1013	0.8993
3.050	1.0406	0.9813	1.0115	0.1046	0.1012	0.8993
3.075	1.0467	0.9808	1.0110	0.1047	0.1011	0.8994
3.100	1.0499	0.9809	1.0103	0.1049	0.1010	0.8994
3.125	1.0662	0.9818	1.0107	0.1051	0.1009	0.8995
3.150	1.0727	0.9814	1.0089	0.1052	0.1009	0.8995
3.175	1.0599	0.9816	1.0081	0.1054	0.1008	0.8995
3.200	1.0798	0.9814	1.0067	0.1055	0.1008	0.8996
3.225	1.0716	0.9832	1.0055	0.1056	0.1007	0.8996
3.250	1.0878	0.9853	1.0050	0.1057	0.1007	0.8996
3.275	1.0811	0.9872	1.0034	0.1058	0.1007	0.8996
3.300	1.0707	0.9870	1.0018	0.1058	0.1007	0.8997
3.325	1.0640	0.9872	1.0005	0.1058	0.1007	0.8997
3.350	1.0621	0.9903	1.0003	0.1058	0.1007	0.8997
3.375	1.0531	0.9931	0.9993	0.1058	0.1007	0.8997
3.400	1.0570	0.9955	0.9984	0.1057	0.1007	0.8997
3.425	1.0460	0.9956	0.9983	0.1056	0.1007	0.8997
3.450	1.0497	0.9971	0.9979	0.1055	0.1007	0.8997
3.475	1.0439	0.9985	0.9973	0.1054	0.1008	0.8997
3.500	1.0375	0.9991	0.9967	0.1053	0.1008	0.8997
3.525	1.0492	1.0002	0.9958	0.1051	0.1008	0.8997
3.550	1.0243	1.0007	0.9963	0.1050	0.1008	0.8997
3.575	1.0358	1.0041	0.9968	0.1048	0.1008	0.8997
3.600	1.0274	1.0060	0.9967	0.1047	0.1009	0.8997
3.625	1.0272	1.0060	0.9966	0.1045	0.1009	0.8997
3.650	1.0272	1.0084	0.9972	0.1044	0.1009	0.8997
3.675	1.0151	1.0086	0.9976	0.1042	0.1009	0.8997
3.700	1.0138	1.0082	0.9979	0.1040	0.1009	0.8997
3.725	1.0108	1.0085	0.9983	0.1038	0.1009	0.8997
3.750	1.0289	1.0088	0.9990	0.1037	0.1009	0.8997
3.775	1.0139	1.0077	0.9993	0.1036	0.1009	0.8998
3.800	1.0198	1.0070	1.0002	0.1034	0.1009	0.8998
3.825	0.9977	1.0085	1.0006	0.1033	0.1009	0.8998
3.850	1.0074	1.0079	1.0013	0.1031	0.1009	0.8998
3.875	1.0112	1.0068	1.0017	0.1030	0.1009	0.8998
3.900	1.0036	1.0059	1.0015	0.1029	0.1009	0.8998
3.925	1.0089	1.0045	1.0019	0.1028	0.1008	0.8998
3.950	1.0089	1.0051	1.0028	0.1027	0.1008	0.8998
3.975	1.0058	1.0050	1.0027	0.1026	0.1008	0.8998
4.000	1.0000	1.0000	1.0000	0.1025	0.1008	0.8998

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.107 x_1= 0.2500 $\epsilon 22/\epsilon 11$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0055	0.0382	1.0000	1.0000	0.0066
0.875	0.0109	0.0435	0.1672	1.0000	1.0000	0.0336
0.900	0.0664	0.1801	0.4353	1.0000	1.0000	0.0994
0.925	0.2745	0.4552	0.8126	1.0000	1.0000	0.2022
0.950	0.6326	0.8280	1.1863	1.0000	1.0000	0.3161
0.975	1.1377	1.2181	1.4862	1.0000	1.0000	0.4175
1.000	1.6167	1.5278	1.6717	1.0000	1.0000	0.4979
1.025	2.0456	1.7460	1.7651	1.0000	1.0000	0.5586
1.050	2.2751	1.8592	1.7765	1.0000	1.0000	0.6037
1.075	2.3729	1.8853	1.7419	1.0000	1.0000	0.6374
1.100	2.3752	1.8708	1.6715	1.0000	0.9994	0.6627
1.125	2.3507	1.8141	1.5886	1.0000	0.9961	0.6819
1.150	2.2766	1.7484	1.5005	1.0000	0.9839	0.6967
1.175	2.1667	1.6675	1.4205	1.0000	0.9540	0.7082
1.200	2.0861	1.5924	1.3416	1.0000	0.9006	0.7172
1.225	1.9665	1.5152	1.2689	1.0000	0.8257	0.7243
1.250	1.8887	1.4414	1.2043	0.9999	0.7403	0.7298
1.275	1.8070	1.3776	1.1458	0.9995	0.6568	0.7342
1.300	1.7258	1.3109	1.0976	0.9975	0.5825	0.7376
1.325	1.6237	1.2569	1.0515	0.9912	0.5202	0.7403
1.350	1.5974	1.2063	1.0147	0.9759	0.4696	0.7424
1.375	1.5020	1.1651	0.9817	0.9467	0.4288	0.7439
1.400	1.4547	1.1276	0.9573	0.9017	0.3963	0.7450
1.425	1.3746	1.0893	0.9357	0.8429	0.3701	0.7458
1.450	1.3194	1.0572	0.9162	0.7759	0.3490	0.7463
1.475	1.3052	1.0360	0.9017	0.7075	0.3320	0.7465
1.500	1.2382	1.0058	0.8916	0.6430	0.3181	0.7466
1.525	1.2046	0.9849	0.8847	0.5851	0.3066	0.7464
1.550	1.1626	0.9688	0.8801	0.5348	0.2972	0.7461
1.575	1.1528	0.9491	0.8750	0.4920	0.2894	0.7457
1.600	1.1359	0.9385	0.8718	0.4563	0.2828	0.7452
1.625	1.0962	0.9267	0.8778	0.4263	0.2774	0.7445
1.650	1.0757	0.9159	0.8796	0.4011	0.2728	0.7438
1.675	1.0620	0.9083	0.8859	0.3800	0.2690	0.7431
1.700	1.0368	0.9061	0.8928	0.3621	0.2658	0.7424
1.725	1.0425	0.9002	0.9049	0.3470	0.2632	0.7417
1.750	1.0134	0.8928	0.9147	0.3342	0.2609	0.7410
1.775	1.0214	0.8908	0.9288	0.3232	0.2591	0.7404
1.800	0.9792	0.8873	0.9428	0.3138	0.2576	0.7399
1.825	0.9773	0.8901	0.9600	0.3055	0.2564	0.7396
1.850	0.9453	0.8913	0.9768	0.2983	0.2555	0.7394
1.875	0.9510	0.8928	0.9906	0.2920	0.2548	0.7393
1.900	0.9518	0.8945	1.0056	0.2866	0.2542	0.7394
1.925	0.9434	0.8979	1.0213	0.2819	0.2538	0.7396
1.950	0.9326	0.9003	1.0322	0.2778	0.2536	0.7399
1.975	0.9166	0.9076	1.0427	0.2741	0.2534	0.7404
2.000	0.9146	0.9165	1.0496	0.2709	0.2534	0.7409
2.025	0.9083	0.9214	1.0539	0.2680	0.2535	0.7414
2.050	0.9080	0.9267	1.0569	0.2655	0.2537	0.7420
2.075	0.9089	0.9366	1.0570	0.2633	0.2539	0.7427
2.100	0.9128	0.9500	1.0558	0.2614	0.2543	0.7433
2.125	0.9102	0.9583	1.0524	0.2598	0.2547	0.7438
2.150	0.9015	0.9677	1.0489	0.2583	0.2552	0.7444
2.175	0.9122	0.9772	1.0435	0.2571	0.2556	0.7449
2.200	0.9070	0.9891	1.0365	0.2560	0.2562	0.7454
2.225	0.8999	0.9979	1.0322	0.2550	0.2567	0.7458
2.250	0.9057	1.0094	1.0252	0.2542	0.2573	0.7462
2.275	0.9005	1.0168	1.0199	0.2535	0.2578	0.7466
2.300	0.9124	1.0249	1.0140	0.2530	0.2583	0.7468
2.325	0.9038	1.0324	1.0078	0.2525	0.2588	0.7471
2.350	0.8999	1.0399	1.0036	0.2521	0.2593	0.7473
2.375	0.9098	1.0425	0.9990	0.2518	0.2597	0.7475
2.400	0.8992	1.0460	0.9950	0.2515	0.2601	0.7476
2.425	0.9045	1.0495	0.9916	0.2513	0.2604	0.7477
2.450	0.9137	1.0475	0.9889	0.2512	0.2606	0.7478
2.475	0.9070	1.0492	0.9854	0.2511	0.2607	0.7478
2.500	0.9108	1.0496	0.9848	0.2510	0.2607	0.7479
2.525	0.9163	1.0447	0.9831	0.2510	0.2607	0.7479

2.550	0.9228	1.0409	0.9843	0.2511	0.2605	0.7479
2.575	0.9238	1.0407	0.9837	0.2511	0.2603	0.7479
2.600	0.9341	1.0363	0.9847	0.2513	0.2601	0.7479
2.625	0.9429	1.0334	0.9846	0.2515	0.2597	0.7479
2.650	0.9426	1.0270	0.9875	0.2517	0.2594	0.7479
2.675	0.9518	1.0272	0.9863	0.2519	0.2590	0.7479
2.700	0.9610	1.0204	0.9886	0.2522	0.2586	0.7478
2.725	0.9733	1.0172	0.9899	0.2526	0.2581	0.7478
2.750	0.9681	1.0120	0.9928	0.2529	0.2577	0.7478
2.775	0.9744	1.0089	0.9945	0.2533	0.2572	0.7478
2.800	0.9773	1.0062	0.9969	0.2536	0.2567	0.7478
2.825	0.9911	1.0040	0.9981	0.2540	0.2563	0.7478
2.850	1.0103	1.0016	1.0013	0.2544	0.2559	0.7479
2.875	1.0014	0.9985	1.0026	0.2549	0.2555	0.7479
2.900	1.0046	0.9964	1.0046	0.2553	0.2551	0.7480
2.925	1.0147	0.9929	1.0049	0.2557	0.2547	0.7480
2.950	1.0154	0.9898	1.0072	0.2561	0.2544	0.7481
2.975	1.0293	0.9905	1.0080	0.2565	0.2541	0.7481
3.000	1.0270	0.9895	1.0083	0.2569	0.2538	0.7482
3.025	1.0323	0.9884	1.0091	0.2572	0.2535	0.7483
3.050	1.0319	0.9883	1.0092	0.2576	0.2533	0.7484
3.075	1.0430	0.9869	1.0082	0.2579	0.2531	0.7484
3.100	1.0503	0.9872	1.0080	0.2583	0.2529	0.7485
3.125	1.0427	0.9863	1.0082	0.2586	0.2527	0.7486
3.150	1.0488	0.9869	1.0073	0.2588	0.2526	0.7487
3.175	1.0443	0.9872	1.0060	0.2590	0.2525	0.7487
3.200	1.0427	0.9884	1.0052	0.2592	0.2524	0.7488
3.225	1.0537	0.9876	1.0046	0.2594	0.2523	0.7488
3.250	1.0478	0.9877	1.0043	0.2595	0.2522	0.7489
3.275	1.0545	0.9900	1.0023	0.2596	0.2522	0.7489
3.300	1.0493	0.9894	1.0017	0.2597	0.2522	0.7489
3.325	1.0467	0.9911	1.0020	0.2597	0.2521	0.7490
3.350	1.0512	0.9941	1.0015	0.2597	0.2521	0.7490
3.375	1.0394	0.9918	1.0004	0.2596	0.2521	0.7490
3.400	1.0440	0.9960	0.9987	0.2595	0.2521	0.7491
3.425	1.0458	0.9965	0.9990	0.2594	0.2521	0.7491
3.450	1.0332	0.9945	0.9995	0.2593	0.2521	0.7491
3.475	1.0364	0.9977	0.9985	0.2591	0.2521	0.7491
3.500	1.0326	0.9999	0.9990	0.2589	0.2521	0.7491
3.525	1.0328	0.9996	0.9979	0.2587	0.2521	0.7491
3.550	1.0250	0.9999	0.9986	0.2585	0.2521	0.7491
3.575	1.0330	1.0009	0.9981	0.2582	0.2522	0.7492
3.600	1.0288	1.0015	0.9987	0.2580	0.2522	0.7492
3.625	1.0253	1.0036	0.9989	0.2577	0.2522	0.7492
3.650	1.0252	1.0042	1.0000	0.2575	0.2522	0.7492
3.675	1.0236	1.0032	1.0000	0.2572	0.2522	0.7492
3.700	1.0222	1.0074	0.9999	0.2570	0.2522	0.7492
3.725	1.0195	1.0065	1.0011	0.2567	0.2522	0.7492
3.750	1.0100	1.0052	1.0011	0.2565	0.2522	0.7493
3.775	1.0141	1.0060	1.0004	0.2562	0.2522	0.7493
3.800	1.0072	1.0056	1.0013	0.2559	0.2521	0.7493
3.825	1.0056	1.0038	1.0023	0.2557	0.2521	0.7493
3.850	1.0006	1.0070	1.0023	0.2554	0.2521	0.7493
3.875	0.9991	1.0052	1.0024	0.2552	0.2520	0.7494
3.900	0.9945	1.0059	1.0020	0.2549	0.2520	0.7494
3.925	0.9987	1.0047	1.0015	0.2547	0.2520	0.7494
3.950	0.9879	1.0045	1.0028	0.2545	0.2519	0.7494
3.975	0.9973	1.0043	1.0032	0.2543	0.2519	0.7494
4.000	1.0000	1.0000	1.0000	0.2541	0.2518	0.7495

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.137 x_1= 0.5000 $\epsilon 22/\epsilon 11$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0004	0.0051	0.0354	1.0000	1.0000	0.0022
0.875	0.0103	0.0425	0.1540	1.0000	1.0000	0.0111
0.900	0.0697	0.1683	0.4052	1.0000	1.0000	0.0346
0.925	0.2546	0.4288	0.7519	1.0000	1.0000	0.0759
0.950	0.5998	0.7836	1.0986	1.0000	1.0000	0.1300
0.975	1.0488	1.1474	1.3840	1.0000	1.0000	0.1880
1.000	1.4961	1.4500	1.5676	1.0000	1.0000	0.2427
1.025	1.8422	1.6510	1.6648	1.0000	1.0000	0.2905
1.050	2.0604	1.7587	1.6786	1.0000	1.0000	0.3303
1.075	2.1856	1.7968	1.6525	1.0000	1.0000	0.3628
1.100	2.2060	1.7812	1.5954	1.0000	0.9998	0.3890
1.125	2.1771	1.7360	1.5229	1.0000	0.9987	0.4099
1.150	2.1003	1.6688	1.4439	1.0000	0.9947	0.4267
1.175	2.0402	1.6055	1.3712	1.0000	0.9846	0.4401
1.200	1.9326	1.5324	1.2989	1.0000	0.9654	0.4508
1.225	1.8339	1.4621	1.2359	1.0000	0.9359	0.4592
1.250	1.7584	1.3935	1.1827	1.0000	0.8981	0.4661
1.275	1.6781	1.3374	1.1294	0.9998	0.8556	0.4714
1.300	1.5919	1.2819	1.0860	0.9991	0.8120	0.4756
1.325	1.5281	1.2323	1.0474	0.9969	0.7704	0.4789
1.350	1.4644	1.1857	1.0136	0.9916	0.7325	0.4815
1.375	1.4070	1.1486	0.9897	0.9813	0.6988	0.4835
1.400	1.3449	1.1146	0.9758	0.9643	0.6697	0.4851
1.425	1.3051	1.0801	0.9624	0.9405	0.6447	0.4864
1.450	1.2620	1.0549	0.9449	0.9109	0.6234	0.4874
1.475	1.2269	1.0322	0.9401	0.8772	0.6053	0.4881
1.500	1.1955	1.0132	0.9335	0.8418	0.5901	0.4887
1.525	1.1633	0.9957	0.9288	0.8066	0.5772	0.4891
1.550	1.1381	0.9836	0.9262	0.7730	0.5663	0.4894
1.575	1.1097	0.9693	0.9220	0.7419	0.5570	0.4895
1.600	1.0843	0.9645	0.9212	0.7136	0.5492	0.4895
1.625	1.0593	0.9554	0.9209	0.6881	0.5427	0.4895
1.650	1.0513	0.9482	0.9190	0.6656	0.5372	0.4893
1.675	1.0374	0.9462	0.9231	0.6457	0.5325	0.4890
1.700	1.0178	0.9440	0.9286	0.6281	0.5286	0.4886
1.725	1.0046	0.9396	0.9329	0.6127	0.5253	0.4883
1.750	0.9952	0.9372	0.9390	0.5992	0.5226	0.4880
1.775	0.9848	0.9352	0.9441	0.5872	0.5204	0.4876
1.800	0.9733	0.9329	0.9526	0.5767	0.5185	0.4873
1.825	0.9694	0.9310	0.9620	0.5674	0.5170	0.4871
1.850	0.9682	0.9279	0.9737	0.5593	0.5157	0.4871
1.875	0.9589	0.9292	0.9866	0.5522	0.5146	0.4871
1.900	0.9569	0.9287	0.9974	0.5460	0.5136	0.4873
1.925	0.9478	0.9319	1.0058	0.5404	0.5128	0.4875
1.950	0.9514	0.9324	1.0163	0.5355	0.5122	0.4879
1.975	0.9458	0.9332	1.0237	0.5313	0.5117	0.4884
2.000	0.9405	0.9376	1.0320	0.5275	0.5113	0.4890
2.025	0.9395	0.9421	1.0347	0.5241	0.5110	0.4896
2.050	0.9381	0.9463	1.0356	0.5212	0.5107	0.4902
2.075	0.9381	0.9513	1.0368	0.5187	0.5105	0.4908
2.100	0.9359	0.9566	1.0341	0.5164	0.5105	0.4914
2.125	0.9343	0.9624	1.0349	0.5144	0.5105	0.4920
2.150	0.9366	0.9673	1.0321	0.5128	0.5105	0.4926
2.175	0.9318	0.9736	1.0272	0.5113	0.5106	0.4931
2.200	0.9316	0.9824	1.0244	0.5100	0.5107	0.4936
2.225	0.9285	0.9906	1.0198	0.5088	0.5110	0.4940
2.250	0.9302	0.9970	1.0163	0.5078	0.5112	0.4944
2.275	0.9289	1.0016	1.0150	0.5070	0.5114	0.4947
2.300	0.9243	1.0089	1.0099	0.5062	0.5117	0.4950
2.325	0.9285	1.0144	1.0083	0.5056	0.5120	0.4953
2.350	0.9309	1.0195	1.0062	0.5050	0.5122	0.4956
2.375	0.9251	1.0210	1.0027	0.5046	0.5124	0.4958
2.400	0.9337	1.0258	0.9997	0.5042	0.5127	0.4960
2.425	0.9330	1.0261	0.9972	0.5038	0.5128	0.4961
2.450	0.9307	1.0291	0.9972	0.5035	0.5129	0.4963
2.475	0.9330	1.0268	0.9952	0.5033	0.5129	0.4964
2.500	0.9337	1.0266	0.9935	0.5031	0.5129	0.4965
2.525	0.9403	1.0279	0.9944	0.5030	0.5128	0.4966

2.550	0.9439	1.0266	0.9950	0.5029	0.5126	0.4967
2.575	0.9460	1.0241	0.9945	0.5028	0.5124	0.4968
2.600	0.9440	1.0208	0.9943	0.5028	0.5121	0.4969
2.625	0.9494	1.0180	0.9935	0.5027	0.5117	0.4969
2.650	0.9534	1.0166	0.9934	0.5028	0.5113	0.4969
2.675	0.9516	1.0134	0.9945	0.5028	0.5109	0.4970
2.700	0.9580	1.0142	0.9950	0.5029	0.5104	0.4970
2.725	0.9633	1.0117	0.9960	0.5030	0.5100	0.4971
2.750	0.9682	1.0097	0.9961	0.5032	0.5095	0.4971
2.775	0.9710	1.0070	0.9981	0.5034	0.5090	0.4971
2.800	0.9765	1.0035	0.9984	0.5036	0.5086	0.4972
2.825	0.9838	1.0036	0.9974	0.5038	0.5081	0.4972
2.850	0.9857	1.0021	0.9998	0.5041	0.5077	0.4973
2.875	0.9877	1.0000	1.0020	0.5044	0.5073	0.4973
2.900	0.9934	1.0001	1.0011	0.5047	0.5069	0.4974
2.925	0.9956	0.9983	1.0018	0.5049	0.5066	0.4974
2.950	1.0005	0.9972	1.0015	0.5052	0.5062	0.4975
2.975	1.0044	0.9971	1.0048	0.5055	0.5059	0.4976
3.000	1.0107	0.9965	1.0040	0.5059	0.5056	0.4976
3.025	1.0132	0.9948	1.0037	0.5062	0.5054	0.4977
3.050	1.0147	0.9949	1.0056	0.5065	0.5051	0.4978
3.075	1.0193	0.9952	1.0060	0.5068	0.5049	0.4979
3.100	1.0220	0.9940	1.0060	0.5070	0.5047	0.4980
3.125	1.0226	0.9940	1.0049	0.5073	0.5045	0.4981
3.150	1.0221	0.9942	1.0044	0.5075	0.5043	0.4981
3.175	1.0242	0.9939	1.0044	0.5077	0.5042	0.4982
3.200	1.0277	0.9933	1.0034	0.5079	0.5040	0.4983
3.225	1.0253	0.9934	1.0029	0.5081	0.5039	0.4983
3.250	1.0300	0.9932	1.0038	0.5082	0.5038	0.4984
3.275	1.0245	0.9935	1.0019	0.5084	0.5037	0.4984
3.300	1.0279	0.9944	1.0015	0.5084	0.5036	0.4985
3.325	1.0250	0.9963	1.0029	0.5085	0.5035	0.4985
3.350	1.0261	0.9950	1.0030	0.5085	0.5034	0.4986
3.375	1.0255	0.9969	1.0021	0.5085	0.5034	0.4986
3.400	1.0233	0.9965	1.0022	0.5084	0.5033	0.4987
3.425	1.0217	0.9961	1.0030	0.5083	0.5032	0.4987
3.450	1.0244	0.9981	1.0021	0.5083	0.5032	0.4988
3.475	1.0194	0.9985	1.0019	0.5081	0.5031	0.4988
3.500	1.0229	0.9998	1.0014	0.5080	0.5031	0.4988
3.525	1.0215	0.9991	1.0001	0.5078	0.5031	0.4989
3.550	1.0183	1.0004	1.0008	0.5077	0.5030	0.4989
3.575	1.0149	1.0012	1.0011	0.5075	0.5030	0.4989
3.600	1.0153	1.0020	1.0009	0.5073	0.5030	0.4989
3.625	1.0150	1.0027	1.0020	0.5071	0.5029	0.4990
3.650	1.0131	1.0026	1.0024	0.5069	0.5029	0.4990
3.675	1.0103	1.0035	1.0015	0.5066	0.5029	0.4990
3.700	1.0098	1.0042	1.0015	0.5064	0.5029	0.4991
3.725	1.0077	1.0044	1.0010	0.5062	0.5028	0.4991
3.750	1.0081	1.0028	1.0013	0.5060	0.5028	0.4991
3.775	1.0075	1.0026	1.0018	0.5057	0.5028	0.4991
3.800	1.0053	1.0028	1.0009	0.5055	0.5027	0.4992
3.825	1.0056	1.0027	1.0013	0.5053	0.5027	0.4992
3.850	1.0041	1.0030	1.0014	0.5051	0.5027	0.4992
3.875	1.0014	1.0030	1.0014	0.5049	0.5026	0.4992
3.900	0.9993	1.0033	1.0009	0.5047	0.5026	0.4992
3.925	0.9982	1.0022	1.0026	0.5045	0.5025	0.4993
3.950	0.9981	1.0027	1.0022	0.5043	0.5025	0.4993
3.975	1.0008	1.0034	1.0015	0.5042	0.5024	0.4993
4.000	1.0000	1.0000	1.0000	0.5040	0.5024	0.4993

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.190 x_1= 0.7500 $\epsilon 22/\epsilon 11$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0004	0.0045	0.0303	1.0000	1.0000	0.0007
0.875	0.0081	0.0370	0.1304	1.0000	1.0000	0.0035
0.900	0.0600	0.1523	0.3449	1.0000	1.0000	0.0109
0.925	0.2295	0.3832	0.6466	1.0000	1.0000	0.0248
0.950	0.5411	0.7081	0.9636	1.0000	1.0000	0.0445
0.975	0.9505	1.0358	1.2091	1.0000	1.0000	0.0675
1.000	1.3534	1.3051	1.3812	1.0000	1.0000	0.0911
1.025	1.6717	1.4977	1.4654	1.0000	1.0000	0.1136
1.050	1.8757	1.5979	1.4904	1.0000	1.0000	0.1336
1.075	1.9938	1.6414	1.4775	1.0000	1.0000	0.1511
1.100	2.0198	1.6362	1.4376	1.0000	0.9999	0.1659
1.125	1.9936	1.5995	1.3869	1.0000	0.9996	0.1783
1.150	1.9405	1.5504	1.3290	1.0000	0.9983	0.1886
1.175	1.8656	1.4886	1.2739	1.0000	0.9952	0.1971
1.200	1.7833	1.4278	1.2212	1.0000	0.9891	0.2041
1.225	1.7010	1.3730	1.1682	1.0000	0.9793	0.2097
1.250	1.6224	1.3199	1.1200	1.0000	0.9660	0.2141
1.275	1.5438	1.2670	1.0850	0.9999	0.9499	0.2176
1.300	1.4885	1.2263	1.0556	0.9997	0.9325	0.2205
1.325	1.4220	1.1786	1.0310	0.9990	0.9147	0.2228
1.350	1.3706	1.1455	1.0126	0.9973	0.8974	0.2247
1.375	1.3195	1.1128	0.9964	0.9938	0.8812	0.2263
1.400	1.2760	1.0855	0.9859	0.9882	0.8664	0.2276
1.425	1.2317	1.0628	0.9794	0.9799	0.8530	0.2288
1.450	1.1993	1.0446	0.9803	0.9692	0.8412	0.2299
1.475	1.1674	1.0301	0.9789	0.9566	0.8308	0.2309
1.500	1.1361	1.0159	0.9751	0.9426	0.8217	0.2319
1.525	1.1109	1.0067	0.9789	0.9280	0.8137	0.2328
1.550	1.0882	1.0021	0.9796	0.9132	0.8069	0.2337
1.575	1.0703	0.9942	0.9841	0.8988	0.8010	0.2345
1.600	1.0515	0.9913	0.9804	0.8851	0.7959	0.2353
1.625	1.0402	0.9934	0.9830	0.8722	0.7916	0.2360
1.650	1.0270	0.9918	0.9797	0.8603	0.7880	0.2366
1.675	1.0149	0.9934	0.9766	0.8494	0.7849	0.2371
1.700	1.0029	0.9928	0.9795	0.8394	0.7824	0.2375
1.725	0.9965	0.9921	0.9744	0.8305	0.7802	0.2379
1.750	0.9893	0.9943	0.9806	0.8224	0.7783	0.2383
1.775	0.9815	0.9918	0.9811	0.8151	0.7767	0.2386
1.800	0.9764	0.9926	0.9817	0.8086	0.7753	0.2389
1.825	0.9743	0.9885	0.9876	0.8028	0.7741	0.2392
1.850	0.9728	0.9871	0.9873	0.7976	0.7730	0.2395
1.875	0.9735	0.9853	0.9943	0.7930	0.7721	0.2398
1.900	0.9708	0.9812	0.9977	0.7889	0.7712	0.2401
1.925	0.9763	0.9800	0.9999	0.7853	0.7704	0.2404
1.950	0.9782	0.9768	1.0046	0.7821	0.7696	0.2408
1.975	0.9741	0.9761	1.0063	0.7792	0.7688	0.2411
2.000	0.9759	0.9744	1.0051	0.7768	0.7681	0.2415
2.025	0.9776	0.9737	1.0145	0.7746	0.7674	0.2418
2.050	0.9812	0.9749	1.0123	0.7727	0.7667	0.2422
2.075	0.9807	0.9777	1.0126	0.7710	0.7661	0.2425
2.100	0.9828	0.9791	1.0162	0.7695	0.7655	0.2429
2.125	0.9812	0.9794	1.0146	0.7682	0.7649	0.2432
2.150	0.9824	0.9803	1.0141	0.7671	0.7644	0.2436
2.175	0.9811	0.9845	1.0111	0.7661	0.7639	0.2439
2.200	0.9808	0.9888	1.0123	0.7652	0.7634	0.2441
2.225	0.9819	0.9894	1.0118	0.7644	0.7630	0.2444
2.250	0.9785	0.9941	1.0086	0.7637	0.7627	0.2447
2.275	0.9800	0.9949	1.0110	0.7631	0.7624	0.2449
2.300	0.9761	0.9992	1.0070	0.7625	0.7621	0.2451
2.325	0.9713	0.9991	1.0057	0.7619	0.7618	0.2453
2.350	0.9698	1.0036	1.0047	0.7614	0.7616	0.2455
2.375	0.9660	1.0043	1.0033	0.7609	0.7613	0.2457
2.400	0.9666	1.0055	1.0030	0.7604	0.7611	0.2458
2.425	0.9647	1.0077	0.9998	0.7600	0.7609	0.2460
2.450	0.9634	1.0080	1.0001	0.7595	0.7607	0.2461
2.475	0.9618	1.0071	1.0024	0.7591	0.7605	0.2462
2.500	0.9623	1.0093	1.0003	0.7586	0.7602	0.2463
2.525	0.9612	1.0088	1.0015	0.7582	0.7600	0.2465

2.550	0.9625	1.0068	1.0017	0.7578	0.7598	0.2466
2.575	0.9629	1.0065	1.0012	0.7574	0.7595	0.2467
2.600	0.9616	1.0078	1.0010	0.7571	0.7592	0.2468
2.625	0.9626	1.0057	1.0003	0.7567	0.7590	0.2469
2.650	0.9649	1.0051	1.0025	0.7564	0.7587	0.2470
2.675	0.9650	1.0037	1.0045	0.7561	0.7585	0.2471
2.700	0.9689	1.0048	1.0034	0.7558	0.7582	0.2472
2.725	0.9691	1.0029	1.0046	0.7555	0.7579	0.2473
2.750	0.9708	1.0038	1.0053	0.7553	0.7576	0.2474
2.775	0.9720	1.0015	1.0060	0.7550	0.7574	0.2475
2.800	0.9775	1.0016	1.0036	0.7548	0.7571	0.2476
2.825	0.9771	1.0027	1.0024	0.7547	0.7569	0.2477
2.850	0.9795	1.0011	1.0024	0.7545	0.7566	0.2477
2.875	0.9819	1.0007	1.0051	0.7544	0.7564	0.2478
2.900	0.9844	0.9992	1.0044	0.7543	0.7561	0.2479
2.925	0.9860	1.0021	1.0031	0.7543	0.7559	0.2480
2.950	0.9900	1.0016	1.0076	0.7542	0.7557	0.2480
2.975	0.9921	0.9995	1.0063	0.7542	0.7555	0.2481
3.000	0.9936	0.9994	1.0048	0.7542	0.7553	0.2482
3.025	0.9953	0.9995	1.0033	0.7541	0.7552	0.2482
3.050	0.9976	1.0003	1.0007	0.7541	0.7550	0.2483
3.075	1.0001	0.9995	1.0043	0.7542	0.7548	0.2484
3.100	1.0021	0.9999	1.0041	0.7542	0.7547	0.2484
3.125	1.0038	0.9990	1.0039	0.7542	0.7545	0.2485
3.150	1.0032	1.0003	1.0043	0.7542	0.7544	0.2485
3.175	1.0059	1.0008	1.0053	0.7542	0.7543	0.2486
3.200	1.0045	1.0006	1.0064	0.7542	0.7542	0.2486
3.225	1.0061	0.9998	1.0053	0.7542	0.7541	0.2487
3.250	1.0048	0.9996	1.0027	0.7542	0.7540	0.2487
3.275	1.0067	1.0006	1.0035	0.7542	0.7539	0.2488
3.300	1.0068	1.0002	1.0013	0.7542	0.7538	0.2488
3.325	1.0061	0.9988	1.0043	0.7542	0.7537	0.2489
3.350	1.0076	0.9988	1.0040	0.7542	0.7536	0.2489
3.375	1.0064	0.9978	1.0030	0.7541	0.7535	0.2489
3.400	1.0047	0.9986	1.0012	0.7541	0.7534	0.2490
3.425	1.0073	0.9990	1.0014	0.7541	0.7533	0.2490
3.450	1.0058	0.9998	1.0035	0.7540	0.7533	0.2490
3.475	1.0059	0.9998	1.0029	0.7539	0.7532	0.2491
3.500	1.0052	0.9994	1.0056	0.7539	0.7531	0.2491
3.525	1.0038	0.9996	1.0042	0.7538	0.7530	0.2491
3.550	1.0051	0.9997	1.0055	0.7537	0.7530	0.2492
3.575	1.0037	0.9996	1.0020	0.7537	0.7529	0.2492
3.600	1.0017	1.0004	1.0037	0.7536	0.7528	0.2492
3.625	1.0029	0.9998	1.0025	0.7535	0.7527	0.2493
3.650	1.0014	1.0004	1.0023	0.7534	0.7527	0.2493
3.675	1.0027	0.9997	1.0028	0.7533	0.7526	0.2493
3.700	1.0008	1.0005	1.0026	0.7532	0.7525	0.2493
3.725	1.0007	0.9996	1.0029	0.7531	0.7524	0.2494
3.750	1.0022	1.0007	1.0058	0.7530	0.7524	0.2494
3.775	1.0015	1.0015	1.0035	0.7529	0.7523	0.2494
3.800	1.0007	0.9990	1.0037	0.7529	0.7523	0.2494
3.825	1.0013	0.9993	1.0032	0.7528	0.7522	0.2495
3.850	0.9993	1.0009	1.0013	0.7527	0.7522	0.2495
3.875	1.0002	1.0011	1.0032	0.7526	0.7521	0.2495
3.900	1.0011	1.0003	1.0025	0.7525	0.7520	0.2495
3.925	1.0011	0.9998	1.0033	0.7525	0.7520	0.2495
3.950	0.9984	1.0007	1.0020	0.7524	0.7519	0.2496
3.975	0.9985	1.0003	1.0024	0.7523	0.7519	0.2496
4.000	1.0000	1.0000	1.0000	0.7523	0.7518	0.2496

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=2.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.247$ $x_1=0.9001$ $\epsilon_{22}/\epsilon_{11}=0.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0004	0.0041	0.0245	1.0000	1.0000	0.0002
0.875	0.0070	0.0325	0.1072	1.0000	1.0000	0.0010
0.900	0.0539	0.1336	0.2903	1.0000	1.0000	0.0033
0.925	0.2032	0.3405	0.5557	1.0000	1.0000	0.0078
0.950	0.4847	0.6286	0.8058	1.0000	1.0000	0.0141
0.975	0.8556	0.9207	1.0384	1.0000	1.0000	0.0218
1.000	1.2214	1.1747	1.1987	1.0000	1.0000	0.0300
1.025	1.5085	1.3464	1.2730	1.0000	1.0000	0.0381
1.050	1.7055	1.4437	1.3062	1.0000	1.0000	0.0456
1.075	1.8006	1.4896	1.2991	1.0000	1.0000	0.0523
1.100	1.8309	1.4936	1.2703	1.0000	1.0000	0.0581
1.125	1.8142	1.4568	1.2417	1.0000	0.9999	0.0631
1.150	1.7673	1.4210	1.1922	1.0000	0.9995	0.0673
1.175	1.7036	1.3731	1.1492	1.0000	0.9986	0.0708
1.200	1.6337	1.3215	1.1011	1.0000	0.9967	0.0736
1.225	1.5650	1.2720	1.0637	1.0000	0.9935	0.0758
1.250	1.4972	1.2302	1.0474	1.0000	0.9892	0.0777
1.275	1.4359	1.1876	1.0167	1.0000	0.9841	0.0793
1.300	1.3764	1.1508	0.9913	0.9999	0.9782	0.0805
1.325	1.3248	1.1196	0.9766	0.9997	0.9720	0.0815
1.350	1.2771	1.0850	0.9623	0.9991	0.9658	0.0823
1.375	1.2360	1.0666	0.9602	0.9980	0.9599	0.0830
1.400	1.1967	1.0414	0.9651	0.9962	0.9544	0.0837
1.425	1.1616	1.0263	0.9683	0.9935	0.9493	0.0843
1.450	1.1345	1.0133	0.9757	0.9899	0.9447	0.0850
1.475	1.1082	1.0021	0.9869	0.9857	0.9406	0.0857
1.500	1.0832	0.9995	0.9904	0.9808	0.9369	0.0863
1.525	1.0631	0.9933	0.9983	0.9757	0.9337	0.0870
1.550	1.0462	0.9937	1.0013	0.9704	0.9309	0.0876
1.575	1.0290	0.9945	1.0093	0.9651	0.9285	0.0883
1.600	1.0174	0.9979	1.0107	0.9600	0.9264	0.0889
1.625	1.0055	1.0022	1.0137	0.9550	0.9247	0.0895
1.650	0.9974	1.0050	1.0185	0.9504	0.9232	0.0901
1.675	0.9867	1.0111	1.0085	0.9461	0.9219	0.0906
1.700	0.9793	1.0150	1.0130	0.9421	0.9207	0.0911
1.725	0.9753	1.0178	1.0059	0.9385	0.9198	0.0915
1.750	0.9726	1.0210	1.0082	0.9352	0.9190	0.0919
1.775	0.9716	1.0224	1.0078	0.9322	0.9183	0.0923
1.800	0.9721	1.0191	1.0128	0.9295	0.9177	0.0927
1.825	0.9712	1.0186	1.0120	0.9271	0.9172	0.0930
1.850	0.9707	1.0197	1.0044	0.9249	0.9167	0.0933
1.875	0.9750	1.0161	1.0102	0.9229	0.9161	0.0936
1.900	0.9785	1.0150	1.0130	0.9212	0.9157	0.0939
1.925	0.9812	1.0103	1.0108	0.9197	0.9152	0.0942
1.950	0.9864	1.0096	1.0097	0.9183	0.9147	0.0944
1.975	0.9898	1.0041	1.0119	0.9171	0.9142	0.0946
2.000	0.9983	1.0011	1.0105	0.9160	0.9137	0.0949
2.025	1.0023	0.9995	1.0092	0.9151	0.9132	0.0951
2.050	1.0062	0.9977	1.0098	0.9143	0.9127	0.0953
2.075	1.0082	0.9971	1.0106	0.9136	0.9122	0.0955
2.100	1.0111	0.9959	1.0090	0.9130	0.9117	0.0957
2.125	1.0131	0.9954	1.0071	0.9125	0.9113	0.0959
2.150	1.0130	0.9927	1.0034	0.9120	0.9108	0.0960
2.175	1.0146	0.9928	1.0045	0.9116	0.9104	0.0962
2.200	1.0129	0.9934	1.0066	0.9112	0.9099	0.0963
2.225	1.0142	0.9942	1.0044	0.9109	0.9095	0.0964
2.250	1.0109	0.9950	1.0045	0.9106	0.9092	0.0966
2.275	1.0089	0.9978	1.0032	0.9103	0.9088	0.0967
2.300	1.0082	0.9980	1.0042	0.9100	0.9085	0.0968
2.325	1.0046	0.9965	0.9992	0.9097	0.9082	0.0969
2.350	1.0020	0.9994	0.9952	0.9094	0.9079	0.0970
2.375	1.0016	0.9988	0.9955	0.9092	0.9076	0.0971
2.400	0.9977	1.0004	1.0035	0.9089	0.9073	0.0971
2.425	0.9971	1.0007	1.0010	0.9086	0.9071	0.0972
2.450	0.9931	1.0016	1.0026	0.9083	0.9068	0.0973
2.475	0.9925	1.0013	1.0060	0.9081	0.9066	0.0974
2.500	0.9921	1.0019	1.0060	0.9078	0.9064	0.0975
2.525	0.9903	1.0017	0.9995	0.9075	0.9062	0.0976

2.550	0.9887	1.0022	0.9990	0.9072	0.9060	0.0976
2.575	0.9878	1.0025	1.0008	0.9070	0.9058	0.0977
2.600	0.9878	1.0026	0.9987	0.9067	0.9056	0.0977
2.625	0.9872	1.0030	1.0030	0.9064	0.9054	0.0978
2.650	0.9873	1.0004	1.0037	0.9062	0.9052	0.0979
2.675	0.9871	1.0012	0.9973	0.9059	0.9051	0.0979
2.700	0.9873	1.0004	1.0006	0.9057	0.9049	0.0980
2.725	0.9858	1.0007	1.0026	0.9054	0.9048	0.0980
2.750	0.9863	1.0001	1.0000	0.9052	0.9046	0.0981
2.775	0.9874	1.0004	1.0000	0.9050	0.9045	0.0981
2.800	0.9883	1.0008	1.0014	0.9048	0.9043	0.0982
2.825	0.9889	0.9998	0.9977	0.9046	0.9042	0.0982
2.850	0.9893	1.0005	1.0025	0.9044	0.9041	0.0982
2.875	0.9902	0.9993	1.0048	0.9043	0.9040	0.0983
2.900	0.9912	0.9997	1.0027	0.9041	0.9038	0.0983
2.925	0.9930	1.0001	0.9976	0.9040	0.9037	0.0984
2.950	0.9934	1.0005	0.9992	0.9039	0.9036	0.0984
2.975	0.9952	1.0000	1.0003	0.9037	0.9035	0.0984
3.000	0.9952	1.0002	1.0010	0.9036	0.9034	0.0985
3.025	0.9975	0.9999	1.0037	0.9035	0.9033	0.0985
3.050	0.9986	1.0005	1.0047	0.9035	0.9033	0.0986
3.075	0.9990	1.0006	1.0024	0.9034	0.9032	0.0986
3.100	0.9995	1.0001	1.0044	0.9033	0.9031	0.0986
3.125	0.9999	1.0015	1.0084	0.9032	0.9030	0.0987
3.150	0.9999	1.0015	1.0053	0.9032	0.9030	0.0987
3.175	1.0007	1.0018	1.0029	0.9031	0.9029	0.0988
3.200	1.0011	1.0014	1.0035	0.9030	0.9029	0.0988
3.225	1.0011	1.0017	1.0037	0.9030	0.9028	0.0988
3.250	1.0014	1.0008	1.0023	0.9029	0.9027	0.0989
3.275	1.0021	1.0004	1.0018	0.9029	0.9027	0.0989
3.300	1.0024	1.0005	1.0046	0.9029	0.9026	0.0989
3.325	1.0023	1.0023	1.0026	0.9028	0.9025	0.0989
3.350	1.0023	1.0009	1.0011	0.9028	0.9025	0.0990
3.375	1.0018	1.0019	1.0052	0.9027	0.9024	0.0990
3.400	1.0022	1.0023	1.0055	0.9027	0.9024	0.0990
3.425	1.0017	1.0019	1.0093	0.9026	0.9023	0.0991
3.450	1.0017	1.0015	1.0027	0.9026	0.9023	0.0991
3.475	1.0013	1.0017	1.0083	0.9025	0.9023	0.0991
3.500	1.0010	1.0010	1.0093	0.9025	0.9022	0.0991
3.525	1.0006	1.0005	1.0054	0.9025	0.9022	0.0992
3.550	1.0005	1.0009	1.0061	0.9024	0.9021	0.0992
3.575	1.0005	1.0012	1.0025	0.9024	0.9021	0.0992
3.600	1.0002	1.0008	1.0022	0.9023	0.9020	0.0992
3.625	1.0014	1.0017	1.0014	0.9023	0.9020	0.0992
3.650	1.0007	1.0011	1.0025	0.9022	0.9020	0.0993
3.675	0.9994	1.0016	1.0021	0.9022	0.9019	0.0993
3.700	0.9991	1.0011	1.0028	0.9021	0.9019	0.0993
3.725	1.0002	1.0014	0.9992	0.9021	0.9019	0.0993
3.750	0.9993	1.0011	1.0005	0.9021	0.9018	0.0993
3.775	0.9994	1.0011	1.0028	0.9020	0.9018	0.0993
3.800	0.9997	1.0012	1.0022	0.9020	0.9018	0.0993
3.825	0.9993	0.9997	1.0036	0.9019	0.9017	0.0994
3.850	1.0003	1.0018	1.0016	0.9019	0.9017	0.0994
3.875	0.9996	1.0006	0.9967	0.9019	0.9017	0.0994
3.900	0.9997	1.0005	1.0005	0.9018	0.9016	0.0994
3.925	1.0000	0.9995	1.0005	0.9018	0.9016	0.0994
3.950	1.0000	0.9999	0.9987	0.9017	0.9016	0.0994
3.975	0.9997	0.9997	1.0030	0.9017	0.9015	0.0994
4.000	1.0000	1.0000	1.0000	0.9017	0.9015	0.0994

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.274 x_1= 0.9502 $\epsilon 22/\epsilon 11$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0003	0.0035	0.0236	1.0000	1.0000	0.0001
0.875	0.0069	0.0308	0.1008	1.0000	1.0000	0.0005
0.900	0.0510	0.1269	0.2798	1.0000	1.0000	0.0016
0.925	0.1932	0.3262	0.5398	1.0000	1.0000	0.0037
0.950	0.4625	0.5894	0.7827	1.0000	1.0000	0.0068
0.975	0.8177	0.8756	0.9835	1.0000	1.0000	0.0105
1.000	1.1609	1.1098	1.1166	1.0000	1.0000	0.0144
1.025	1.4411	1.2736	1.2145	1.0000	1.0000	0.0183
1.050	1.6268	1.3709	1.2552	1.0000	1.0000	0.0219
1.075	1.7213	1.4154	1.2675	1.0000	1.0000	0.0253
1.100	1.7552	1.4159	1.2412	1.0000	1.0000	0.0283
1.125	1.7364	1.3935	1.2087	1.0000	0.9999	0.0308
1.150	1.6944	1.3570	1.1796	1.0000	0.9998	0.0330
1.175	1.6376	1.3119	1.1231	1.0000	0.9993	0.0347
1.200	1.5734	1.2697	1.0882	1.0000	0.9984	0.0362
1.225	1.5082	1.2265	1.0634	1.0000	0.9969	0.0374
1.250	1.4442	1.1849	1.0489	1.0000	0.9948	0.0384
1.275	1.3829	1.1492	1.0089	1.0000	0.9923	0.0392
1.300	1.3299	1.1126	0.9888	1.0000	0.9895	0.0398
1.325	1.2789	1.0795	0.9773	0.9999	0.9866	0.0403
1.350	1.2371	1.0560	0.9780	0.9996	0.9837	0.0407
1.375	1.1947	1.0338	0.9675	0.9991	0.9808	0.0411
1.400	1.1619	1.0154	0.9684	0.9982	0.9781	0.0415
1.425	1.1299	1.0001	0.9820	0.9969	0.9755	0.0418
1.450	1.1002	0.9916	0.9892	0.9953	0.9732	0.0422
1.475	1.0770	0.9839	0.9945	0.9933	0.9711	0.0425
1.500	1.0566	0.9818	1.0041	0.9910	0.9692	0.0429
1.525	1.0373	0.9799	1.0226	0.9886	0.9676	0.0433
1.550	1.0207	0.9824	1.0185	0.9860	0.9661	0.0436
1.575	1.0058	0.9812	1.0264	0.9835	0.9649	0.0440
1.600	0.9962	0.9886	1.0375	0.9810	0.9638	0.0444
1.625	0.9850	0.9970	1.0365	0.9787	0.9629	0.0447
1.650	0.9784	1.0027	1.0212	0.9764	0.9621	0.0450
1.675	0.9706	1.0087	1.0321	0.9743	0.9614	0.0453
1.700	0.9673	1.0140	1.0234	0.9723	0.9608	0.0456
1.725	0.9620	1.0198	1.0218	0.9706	0.9603	0.0458
1.750	0.9607	1.0249	1.0220	0.9689	0.9599	0.0460
1.775	0.9610	1.0238	1.0267	0.9674	0.9596	0.0462
1.800	0.9595	1.0275	1.0214	0.9661	0.9593	0.0464
1.825	0.9640	1.0268	1.0231	0.9649	0.9590	0.0466
1.850	0.9674	1.0241	1.0144	0.9638	0.9587	0.0468
1.875	0.9697	1.0239	1.0135	0.9628	0.9584	0.0469
1.900	0.9737	1.0198	1.0109	0.9619	0.9582	0.0471
1.925	0.9811	1.0167	1.0144	0.9612	0.9579	0.0472
1.950	0.9864	1.0136	0.9994	0.9605	0.9576	0.0473
1.975	0.9927	1.0102	1.0162	0.9599	0.9574	0.0474
2.000	0.9971	1.0072	1.0223	0.9594	0.9571	0.0475
2.025	1.0034	1.0063	1.0188	0.9589	0.9568	0.0477
2.050	1.0098	1.0053	1.0211	0.9585	0.9565	0.0478
2.075	1.0118	1.0017	1.0226	0.9582	0.9563	0.0479
2.100	1.0155	1.0006	1.0273	0.9579	0.9560	0.0480
2.125	1.0184	0.9999	1.0283	0.9576	0.9557	0.0481
2.150	1.0211	0.9978	1.0217	0.9574	0.9555	0.0482
2.175	1.0208	0.9955	1.0246	0.9572	0.9552	0.0483
2.200	1.0211	1.0000	1.0232	0.9570	0.9550	0.0484
2.225	1.0203	0.9986	1.0234	0.9568	0.9548	0.0485
2.250	1.0212	0.9982	1.0311	0.9566	0.9546	0.0486
2.275	1.0184	0.9997	1.0239	0.9565	0.9544	0.0487
2.300	1.0159	0.9998	1.0163	0.9563	0.9542	0.0487
2.325	1.0151	1.0002	1.0114	0.9562	0.9540	0.0488
2.350	1.0132	1.0023	1.0089	0.9560	0.9539	0.0489
2.375	1.0113	0.9997	1.0115	0.9559	0.9537	0.0489
2.400	1.0086	1.0010	1.0198	0.9558	0.9536	0.0490
2.425	1.0067	1.0003	1.0134	0.9556	0.9534	0.0490
2.450	1.0043	1.0015	1.0222	0.9555	0.9533	0.0491
2.475	1.0019	1.0023	1.0174	0.9553	0.9532	0.0491
2.500	0.9997	1.0005	1.0147	0.9551	0.9531	0.0492
2.525	0.9986	1.0019	1.0123	0.9550	0.9530	0.0492

2.550	0.9968	1.0006	1.0126	0.9548	0.9529	0.0492
2.575	0.9959	1.0016	1.0117	0.9547	0.9528	0.0493
2.600	0.9941	1.0022	1.0153	0.9545	0.9527	0.0493
2.625	0.9938	1.0015	1.0172	0.9543	0.9526	0.0493
2.650	0.9931	0.9996	1.0147	0.9542	0.9525	0.0494
2.675	0.9933	1.0007	1.0151	0.9540	0.9524	0.0494
2.700	0.9924	0.9987	1.0187	0.9539	0.9523	0.0494
2.725	0.9919	0.9994	1.0138	0.9537	0.9523	0.0495
2.750	0.9916	0.9998	1.0196	0.9536	0.9522	0.0495
2.775	0.9927	0.9981	1.0078	0.9535	0.9521	0.0495
2.800	0.9933	0.9983	1.0129	0.9533	0.9520	0.0496
2.825	0.9932	0.9981	1.0103	0.9532	0.9519	0.0496
2.850	0.9933	0.9983	1.0089	0.9531	0.9518	0.0496
2.875	0.9944	0.9980	1.0162	0.9530	0.9518	0.0496
2.900	0.9943	0.9970	1.0060	0.9529	0.9517	0.0496
2.925	0.9950	0.9977	1.0065	0.9528	0.9516	0.0497
2.950	0.9955	0.9998	1.0052	0.9527	0.9515	0.0497
2.975	0.9968	0.9974	1.0027	0.9526	0.9515	0.0497
3.000	0.9966	0.9979	1.0063	0.9526	0.9514	0.0497
3.025	0.9974	0.9992	1.0042	0.9525	0.9513	0.0497
3.050	0.9986	0.9994	1.0049	0.9524	0.9513	0.0497
3.075	0.9996	0.9983	1.0087	0.9524	0.9512	0.0497
3.100	0.9992	0.9976	1.0132	0.9523	0.9512	0.0497
3.125	0.9999	0.9984	1.0062	0.9523	0.9512	0.0497
3.150	1.0001	0.9987	0.9989	0.9522	0.9511	0.0497
3.175	1.0013	0.9992	1.0072	0.9522	0.9511	0.0497
3.200	1.0001	0.9982	1.0056	0.9521	0.9510	0.0498
3.225	1.0011	0.9991	1.0061	0.9521	0.9510	0.0498
3.250	1.0010	0.9987	1.0031	0.9520	0.9510	0.0498
3.275	1.0009	0.9981	1.0047	0.9520	0.9509	0.0498
3.300	1.0009	0.9973	1.0057	0.9520	0.9509	0.0498
3.325	1.0017	0.9973	1.0045	0.9519	0.9509	0.0498
3.350	1.0017	0.9983	0.9980	0.9519	0.9508	0.0498
3.375	1.0007	0.9995	1.0052	0.9519	0.9508	0.0498
3.400	1.0006	0.9976	1.0025	0.9518	0.9508	0.0498
3.425	0.9998	0.9981	1.0018	0.9518	0.9507	0.0498
3.450	0.9998	0.9976	1.0014	0.9517	0.9507	0.0498
3.475	1.0002	0.9993	1.0007	0.9517	0.9507	0.0498
3.500	1.0001	0.9996	1.0012	0.9517	0.9507	0.0498
3.525	1.0001	0.9982	1.0021	0.9516	0.9506	0.0498
3.550	0.9996	0.9987	1.0001	0.9516	0.9506	0.0498
3.575	0.9995	0.9996	0.9978	0.9516	0.9506	0.0498
3.600	0.9992	0.9985	1.0009	0.9516	0.9506	0.0498
3.625	0.9994	0.9989	1.0018	0.9515	0.9505	0.0498
3.650	0.9993	0.9989	0.9996	0.9515	0.9505	0.0498
3.675	0.9989	0.9985	1.0057	0.9515	0.9505	0.0498
3.700	0.9990	0.9991	0.9967	0.9514	0.9505	0.0498
3.725	0.9990	0.9999	1.0006	0.9514	0.9504	0.0498
3.750	0.9994	0.9990	0.9956	0.9514	0.9504	0.0498
3.775	0.9987	1.0001	1.0047	0.9514	0.9504	0.0498
3.800	0.9990	0.9989	0.9983	0.9513	0.9504	0.0498
3.825	0.9987	0.9992	1.0010	0.9513	0.9504	0.0498
3.850	0.9996	0.9991	1.0018	0.9513	0.9504	0.0498
3.875	0.9984	0.9998	1.0006	0.9513	0.9504	0.0498
3.900	0.9986	1.0001	0.9997	0.9512	0.9503	0.0498
3.925	0.9992	0.9991	0.9982	0.9512	0.9503	0.0498
3.950	0.9989	0.9995	1.0003	0.9512	0.9503	0.0498
3.975	0.9993	0.9995	0.9997	0.9512	0.9503	0.0498
4.000	1.0000	1.0000	1.0000	0.9512	0.9503	0.0498

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.098 x_1= 0.0498 $\epsilon 22/\epsilon 11$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0020	0.0004	0.0008	1.0000	1.0000	0.0005
0.875	0.0096	0.0121	0.0154	1.0000	1.0000	0.0110
0.900	0.0690	0.0818	0.1043	1.0000	1.0000	0.0844
0.925	0.3094	0.2971	0.3646	1.0000	1.0000	0.2882
0.950	0.6746	0.6930	0.8103	1.0000	1.0000	0.5353
0.975	1.2840	1.1812	1.3270	1.0000	1.0000	0.7086
1.000	1.7162	1.6387	1.7619	1.0000	1.0000	0.8064
1.025	2.0450	1.9771	2.0449	1.0000	1.0000	0.8604
1.050	2.1916	2.1535	2.1615	1.0000	1.0000	0.8916
1.075	2.3352	2.2191	2.1530	1.0000	1.0000	0.9107
1.100	2.3335	2.2058	2.0679	1.0000	1.0000	0.9230
1.125	2.3286	2.1205	1.9374	1.0000	0.9998	0.9313
1.150	2.2473	2.0098	1.7922	1.0000	0.9973	0.9371
1.175	2.1826	1.8872	1.6485	1.0000	0.9801	0.9412
1.200	2.0670	1.7686	1.5131	1.0000	0.9156	0.9443
1.225	1.9179	1.6539	1.3919	1.0000	0.7732	0.9465
1.250	1.7262	1.5471	1.2836	1.0000	0.5835	0.9482
1.275	1.8102	1.4509	1.1900	0.9998	0.4129	0.9495
1.300	1.6560	1.3629	1.1080	0.9974	0.2914	0.9504
1.325	1.5765	1.2863	1.0383	0.9849	0.2128	0.9510
1.350	1.5735	1.2166	0.9786	0.9446	0.1628	0.9515
1.375	1.4421	1.1550	0.9298	0.8541	0.1302	0.9518
1.400	1.3813	1.1054	0.8878	0.7124	0.1084	0.9519
1.425	1.3427	1.0612	0.8541	0.5534	0.0933	0.9519
1.450	1.2751	1.0125	0.8271	0.4147	0.0825	0.9519
1.475	1.2336	0.9803	0.8054	0.3106	0.0746	0.9517
1.500	1.2484	0.9458	0.7892	0.2378	0.0687	0.9515
1.525	1.2021	0.9177	0.7784	0.1877	0.0642	0.9512
1.550	1.1373	0.8964	0.7723	0.1529	0.0607	0.9508
1.575	1.1294	0.8709	0.7698	0.1283	0.0579	0.9504
1.600	1.1099	0.8554	0.7720	0.1107	0.0557	0.9500
1.625	1.0543	0.8429	0.7773	0.0975	0.0540	0.9496
1.650	1.0031	0.8317	0.7861	0.0875	0.0525	0.9491
1.675	1.0295	0.8261	0.7980	0.0798	0.0514	0.9486
1.700	1.0035	0.8161	0.8149	0.0738	0.0505	0.9482
1.725	0.9326	0.8132	0.8343	0.0689	0.0498	0.9477
1.750	0.9724	0.8148	0.8569	0.0650	0.0493	0.9473
1.775	0.9340	0.8124	0.8810	0.0619	0.0488	0.9470
1.800	0.9187	0.8138	0.9081	0.0593	0.0485	0.9466
1.825	0.9224	0.8127	0.9371	0.0571	0.0483	0.9464
1.850	0.8989	0.8214	0.9652	0.0553	0.0481	0.9463
1.875	0.8856	0.8227	0.9946	0.0538	0.0481	0.9462
1.900	0.8873	0.8337	1.0236	0.0525	0.0481	0.9462
1.925	0.9172	0.8440	1.0507	0.0515	0.0481	0.9463
1.950	0.8710	0.8561	1.0760	0.0506	0.0482	0.9464
1.975	0.8562	0.8652	1.0976	0.0498	0.0483	0.9466
2.000	0.8114	0.8781	1.1151	0.0491	0.0485	0.9469
2.025	0.8320	0.8952	1.1270	0.0485	0.0487	0.9472
2.050	0.8574	0.9048	1.1331	0.0480	0.0490	0.9475
2.075	0.8310	0.9251	1.1346	0.0476	0.0493	0.9478
2.100	0.8444	0.9391	1.1307	0.0472	0.0496	0.9481
2.125	0.8683	0.9550	1.1228	0.0470	0.0499	0.9484
2.150	0.8329	0.9736	1.1126	0.0468	0.0502	0.9487
2.175	0.8416	0.9892	1.0991	0.0466	0.0506	0.9490
2.200	0.8520	1.0073	1.0840	0.0465	0.0509	0.9492
2.225	0.8238	1.0215	1.0680	0.0464	0.0513	0.9494
2.250	0.8314	1.0397	1.0526	0.0463	0.0516	0.9496
2.275	0.8300	1.0547	1.0360	0.0462	0.0519	0.9498
2.300	0.8424	1.0697	1.0219	0.0462	0.0523	0.9499
2.325	0.8282	1.0832	1.0066	0.0462	0.0526	0.9500
2.350	0.8530	1.0897	0.9929	0.0462	0.0529	0.9501
2.375	0.8398	1.0983	0.9814	0.0463	0.0531	0.9501
2.400	0.8451	1.1003	0.9714	0.0463	0.0534	0.9501
2.425	0.8548	1.1034	0.9622	0.0464	0.0535	0.9501
2.450	0.8480	1.1037	0.9557	0.0465	0.0537	0.9501
2.475	0.8713	1.0992	0.9498	0.0466	0.0538	0.9501
2.500	0.8629	1.1026	0.9462	0.0468	0.0538	0.9500
2.525	0.8646	1.0931	0.9441	0.0469	0.0538	0.9500

2.550	0.9015	1.0860	0.9440	0.0470	0.0538	0.9499
2.575	0.8992	1.0811	0.9452	0.0472	0.0537	0.9499
2.600	0.9211	1.0692	0.9469	0.0474	0.0536	0.9498
2.625	0.9152	1.0613	0.9501	0.0476	0.0534	0.9497
2.650	0.9395	1.0548	0.9545	0.0478	0.0533	0.9497
2.675	0.9364	1.0424	0.9602	0.0480	0.0531	0.9496
2.700	0.9576	1.0334	0.9658	0.0482	0.0528	0.9496
2.725	0.9615	1.0252	0.9723	0.0485	0.0526	0.9495
2.750	0.9745	1.0132	0.9789	0.0487	0.0524	0.9495
2.775	0.9837	1.0069	0.9860	0.0489	0.0521	0.9494
2.800	0.9893	0.9972	0.9927	0.0491	0.0519	0.9494
2.825	1.0121	0.9921	0.9996	0.0494	0.0516	0.9494
2.850	1.0313	0.9845	1.0056	0.0496	0.0514	0.9494
2.875	1.0001	0.9811	1.0115	0.0499	0.0512	0.9494
2.900	1.0277	0.9756	1.0164	0.0501	0.0510	0.9494
2.925	1.0451	0.9710	1.0207	0.0503	0.0508	0.9495
2.950	1.0535	0.9656	1.0244	0.0505	0.0507	0.9495
2.975	1.0824	0.9610	1.0270	0.0508	0.0505	0.9495
3.000	1.0770	0.9588	1.0285	0.0510	0.0504	0.9496
3.025	1.0662	0.9576	1.0291	0.0512	0.0503	0.9496
3.050	1.0773	0.9565	1.0292	0.0514	0.0502	0.9497
3.075	1.0925	0.9564	1.0286	0.0516	0.0501	0.9497
3.100	1.1019	0.9568	1.0269	0.0518	0.0500	0.9498
3.125	1.0789	0.9584	1.0248	0.0519	0.0500	0.9498
3.150	1.1078	0.9594	1.0217	0.0520	0.0499	0.9498
3.175	1.0953	0.9617	1.0189	0.0522	0.0499	0.9499
3.200	1.0998	0.9642	1.0154	0.0523	0.0499	0.9499
3.225	1.1114	0.9673	1.0117	0.0524	0.0499	0.9499
3.250	1.1090	0.9708	1.0080	0.0525	0.0499	0.9499
3.275	1.0707	0.9758	1.0047	0.0525	0.0499	0.9499
3.300	1.0713	0.9787	1.0017	0.0525	0.0499	0.9500
3.325	1.0706	0.9830	0.9977	0.0525	0.0499	0.9500
3.350	1.0721	0.9821	0.9956	0.0525	0.0500	0.9500
3.375	1.0608	0.9891	0.9932	0.0525	0.0500	0.9500
3.400	1.0506	0.9918	0.9908	0.0524	0.0501	0.9500
3.425	1.0507	0.9960	0.9894	0.0524	0.0501	0.9500
3.450	1.0316	1.0013	0.9876	0.0523	0.0502	0.9499
3.475	1.0261	1.0034	0.9872	0.0522	0.0502	0.9499
3.500	1.0505	1.0051	0.9865	0.0521	0.0503	0.9499
3.525	1.0213	1.0078	0.9864	0.0520	0.0503	0.9499
3.550	1.0088	1.0119	0.9866	0.0518	0.0504	0.9499
3.575	1.0172	1.0136	0.9871	0.0517	0.0504	0.9499
3.600	1.0122	1.0161	0.9879	0.0516	0.0504	0.9499
3.625	1.0162	1.0198	0.9893	0.0515	0.0505	0.9499
3.650	1.0022	1.0208	0.9906	0.0513	0.0505	0.9499
3.675	0.9811	1.0220	0.9919	0.0512	0.0505	0.9499
3.700	0.9875	1.0229	0.9941	0.0510	0.0506	0.9499
3.725	0.9903	1.0220	0.9954	0.0509	0.0506	0.9499
3.750	0.9883	1.0201	0.9973	0.0508	0.0506	0.9499
3.775	0.9664	1.0199	0.9994	0.0506	0.0506	0.9499
3.800	0.9773	1.0201	1.0008	0.0505	0.0506	0.9499
3.825	0.9714	1.0193	1.0021	0.0504	0.0506	0.9499
3.850	0.9765	1.0159	1.0038	0.0503	0.0506	0.9499
3.875	0.9603	1.0167	1.0051	0.0502	0.0506	0.9499
3.900	0.9655	1.0137	1.0062	0.0501	0.0505	0.9499
3.925	0.9636	1.0118	1.0070	0.0500	0.0505	0.9499
3.950	0.9568	1.0101	1.0071	0.0499	0.0505	0.9500
3.975	0.9725	1.0100	1.0077	0.0498	0.0505	0.9500
4.000	1.0000	1.0000	1.0000	0.0497	0.0504	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.102 x_1= 0.0999 $\epsilon 22/\epsilon 11$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0008	0.0005	0.0008	1.0000	1.0000	0.0002
0.875	0.0127	0.0116	0.0153	1.0000	1.0000	0.0052
0.900	0.0838	0.0809	0.1030	1.0000	1.0000	0.0415
0.925	0.3040	0.2977	0.3608	1.0000	1.0000	0.1597
0.950	0.7073	0.6909	0.8011	1.0000	1.0000	0.3509
0.975	1.2128	1.1819	1.3124	1.0000	1.0000	0.5330
1.000	1.6926	1.6361	1.7482	1.0000	1.0000	0.6618
1.025	2.0883	1.9632	2.0248	1.0000	1.0000	0.7433
1.050	2.3931	2.1519	2.1472	1.0000	1.0000	0.7945
1.075	2.4781	2.2086	2.1389	1.0000	1.0000	0.8275
1.100	2.4667	2.1804	2.0557	1.0000	1.0000	0.8494
1.125	2.3317	2.1068	1.9270	1.0000	0.9999	0.8645
1.150	2.3311	2.0064	1.7859	1.0000	0.9987	0.8752
1.175	2.1829	1.8847	1.6428	1.0000	0.9905	0.8829
1.200	2.1167	1.7675	1.5111	1.0000	0.9585	0.8886
1.225	2.0065	1.6394	1.3891	1.0000	0.8790	0.8929
1.250	1.8449	1.5389	1.2820	1.0000	0.7490	0.8960
1.275	1.7378	1.4406	1.1885	0.9999	0.5997	0.8984
1.300	1.6740	1.3611	1.1086	0.9988	0.4670	0.9001
1.325	1.6247	1.2754	1.0408	0.9932	0.3654	0.9013
1.350	1.5141	1.2119	0.9824	0.9741	0.2926	0.9022
1.375	1.4206	1.1527	0.9341	0.9272	0.2416	0.9027
1.400	1.3840	1.0995	0.8926	0.8427	0.2055	0.9030
1.425	1.3322	1.0545	0.8599	0.7279	0.1795	0.9031
1.450	1.2951	1.0183	0.8336	0.6045	0.1605	0.9030
1.475	1.1884	0.9790	0.8123	0.4923	0.1463	0.9027
1.500	1.1866	0.9496	0.7975	0.4010	0.1355	0.9023
1.525	1.1355	0.9213	0.7882	0.3311	0.1272	0.9018
1.550	1.1072	0.8990	0.7810	0.2785	0.1207	0.9012
1.575	1.1046	0.8754	0.7800	0.2393	0.1155	0.9005
1.600	1.0625	0.8665	0.7794	0.2097	0.1114	0.8997
1.625	1.0242	0.8499	0.7851	0.1871	0.1081	0.8989
1.650	1.0046	0.8416	0.7936	0.1696	0.1055	0.8981
1.675	0.9658	0.8329	0.8056	0.1558	0.1033	0.8972
1.700	0.9463	0.8254	0.8206	0.1447	0.1016	0.8964
1.725	0.9333	0.8204	0.8392	0.1358	0.1003	0.8956
1.750	0.9286	0.8210	0.8602	0.1286	0.0992	0.8949
1.775	0.8999	0.8185	0.8838	0.1226	0.0984	0.8942
1.800	0.9145	0.8201	0.9088	0.1176	0.0978	0.8936
1.825	0.9076	0.8216	0.9359	0.1136	0.0974	0.8932
1.850	0.8663	0.8242	0.9625	0.1102	0.0971	0.8929
1.875	0.8826	0.8327	0.9906	0.1073	0.0969	0.8927
1.900	0.8790	0.8362	1.0197	0.1049	0.0969	0.8927
1.925	0.8752	0.8469	1.0460	0.1028	0.0970	0.8929
1.950	0.8669	0.8563	1.0696	0.1011	0.0971	0.8931
1.975	0.8499	0.8697	1.0919	0.0996	0.0974	0.8935
2.000	0.8433	0.8819	1.1093	0.0983	0.0977	0.8939
2.025	0.8486	0.8931	1.1204	0.0972	0.0981	0.8945
2.050	0.8351	0.9061	1.1271	0.0963	0.0985	0.8951
2.075	0.8494	0.9230	1.1287	0.0956	0.0990	0.8956
2.100	0.8517	0.9390	1.1261	0.0949	0.0995	0.8962
2.125	0.8554	0.9544	1.1184	0.0945	0.1001	0.8968
2.150	0.8326	0.9717	1.1089	0.0940	0.1007	0.8973
2.175	0.8568	0.9886	1.0963	0.0937	0.1013	0.8978
2.200	0.8357	1.0025	1.0819	0.0935	0.1019	0.8983
2.225	0.8352	1.0191	1.0666	0.0933	0.1026	0.8987
2.250	0.8431	1.0358	1.0508	0.0931	0.1032	0.8990
2.275	0.8205	1.0501	1.0360	0.0930	0.1038	0.8993
2.300	0.8608	1.0646	1.0218	0.0930	0.1044	0.8995
2.325	0.8405	1.0754	1.0072	0.0930	0.1050	0.8997
2.350	0.8334	1.0882	0.9949	0.0931	0.1055	0.8998
2.375	0.8644	1.0952	0.9842	0.0932	0.1059	0.8999
2.400	0.8788	1.0986	0.9746	0.0933	0.1064	0.8999
2.425	0.8746	1.1015	0.9667	0.0935	0.1067	0.9000
2.450	0.8846	1.1035	0.9601	0.0938	0.1070	0.8999
2.475	0.8879	1.0999	0.9541	0.0940	0.1072	0.8999
2.500	0.8951	1.0960	0.9502	0.0943	0.1073	0.8998
2.525	0.8952	1.0915	0.9483	0.0946	0.1073	0.8997

2.550	0.9140	1.0831	0.9477	0.0949	0.1072	0.8996
2.575	0.9249	1.0773	0.9485	0.0953	0.1071	0.8995
2.600	0.9151	1.0672	0.9493	0.0956	0.1069	0.8994
2.625	0.9209	1.0588	0.9533	0.0960	0.1066	0.8993
2.650	0.9125	1.0489	0.9575	0.0963	0.1063	0.8992
2.675	0.9360	1.0389	0.9626	0.0967	0.1059	0.8991
2.700	0.9456	1.0306	0.9677	0.0970	0.1055	0.8990
2.725	0.9751	1.0234	0.9734	0.0975	0.1051	0.8989
2.750	0.9626	1.0160	0.9799	0.0979	0.1047	0.8988
2.775	0.9773	1.0063	0.9868	0.0983	0.1042	0.8988
2.800	0.9760	0.9991	0.9927	0.0987	0.1038	0.8988
2.825	0.9938	0.9906	0.9996	0.0991	0.1033	0.8987
2.850	1.0083	0.9887	1.0044	0.0995	0.1029	0.8987
2.875	1.0059	0.9813	1.0102	0.0999	0.1025	0.8987
2.900	1.0253	0.9732	1.0146	0.1003	0.1022	0.8988
2.925	1.0375	0.9697	1.0180	0.1007	0.1018	0.8988
2.950	1.0324	0.9682	1.0217	0.1011	0.1015	0.8989
2.975	1.0661	0.9654	1.0249	0.1015	0.1012	0.8989
3.000	1.0596	0.9637	1.0262	0.1019	0.1010	0.8990
3.025	1.0696	0.9620	1.0274	0.1023	0.1008	0.8991
3.050	1.0705	0.9632	1.0264	0.1026	0.1006	0.8992
3.075	1.0866	0.9597	1.0268	0.1030	0.1005	0.8993
3.100	1.0772	0.9607	1.0251	0.1033	0.1003	0.8993
3.125	1.0887	0.9602	1.0234	0.1035	0.1002	0.8994
3.150	1.0965	0.9616	1.0207	0.1038	0.1001	0.8995
3.175	1.0974	0.9631	1.0183	0.1041	0.1001	0.8995
3.200	1.0862	0.9659	1.0156	0.1043	0.1001	0.8996
3.225	1.0823	0.9692	1.0121	0.1044	0.1000	0.8996
3.250	1.0875	0.9710	1.0088	0.1045	0.1000	0.8997
3.275	1.1007	0.9735	1.0056	0.1046	0.1001	0.8997
3.300	1.0741	0.9775	1.0027	0.1047	0.1001	0.8997
3.325	1.0660	0.9814	0.9993	0.1047	0.1002	0.8997
3.350	1.0774	0.9847	0.9965	0.1047	0.1002	0.8997
3.375	1.0726	0.9906	0.9943	0.1047	0.1003	0.8997
3.400	1.0628	0.9914	0.9924	0.1047	0.1004	0.8997
3.425	1.0563	0.9956	0.9902	0.1046	0.1004	0.8997
3.450	1.0522	0.9984	0.9892	0.1044	0.1005	0.8997
3.475	1.0536	1.0009	0.9883	0.1043	0.1006	0.8997
3.500	1.0530	1.0047	0.9878	0.1041	0.1007	0.8997
3.525	1.0433	1.0072	0.9874	0.1040	0.1008	0.8997
3.550	1.0320	1.0104	0.9878	0.1038	0.1009	0.8996
3.575	1.0303	1.0151	0.9886	0.1036	0.1009	0.8996
3.600	1.0277	1.0148	0.9891	0.1033	0.1010	0.8996
3.625	1.0169	1.0170	0.9903	0.1031	0.1011	0.8996
3.650	1.0148	1.0171	0.9917	0.1029	0.1011	0.8996
3.675	0.9985	1.0212	0.9929	0.1026	0.1012	0.8996
3.700	1.0087	1.0195	0.9947	0.1024	0.1012	0.8996
3.725	0.9920	1.0226	0.9965	0.1022	0.1012	0.8996
3.750	1.0006	1.0203	0.9982	0.1019	0.1013	0.8996
3.775	0.9894	1.0209	0.9992	0.1017	0.1013	0.8996
3.800	0.9846	1.0189	1.0009	0.1015	0.1013	0.8996
3.825	0.9832	1.0171	1.0021	0.1013	0.1013	0.8996
3.850	0.9810	1.0177	1.0037	0.1011	0.1012	0.8997
3.875	0.9803	1.0156	1.0048	0.1009	0.1012	0.8997
3.900	0.9730	1.0140	1.0052	0.1007	0.1012	0.8997
3.925	0.9784	1.0128	1.0063	0.1005	0.1012	0.8997
3.950	0.9710	1.0111	1.0067	0.1004	0.1011	0.8997
3.975	0.9752	1.0077	1.0072	0.1002	0.1011	0.8997
4.000	1.0000	1.0000	1.0000	0.1001	0.1010	0.8998

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.117 x_1= 0.2500 $\epsilon 22/\epsilon 11$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0005	0.0007	0.0007	1.0000	1.0000	0.0001
0.875	0.0108	0.0113	0.0146	1.0000	1.0000	0.0017
0.900	0.0786	0.0793	0.1011	1.0000	1.0000	0.0140
0.925	0.2883	0.2911	0.3531	1.0000	1.0000	0.0590
0.950	0.6990	0.6787	0.7819	1.0000	1.0000	0.1512
0.975	1.1749	1.1564	1.2845	1.0000	1.0000	0.2732
1.000	1.6663	1.6020	1.7052	1.0000	1.0000	0.3916
1.025	2.0062	1.9335	1.9765	1.0000	1.0000	0.4875
1.050	2.2761	2.1223	2.1013	1.0000	1.0000	0.5594
1.075	2.3474	2.1826	2.0920	1.0000	1.0000	0.6115
1.100	2.3977	2.1572	2.0139	1.0000	1.0000	0.6491
1.125	2.3136	2.0851	1.8907	1.0000	1.0000	0.6765
1.150	2.2046	1.9728	1.7552	1.0000	0.9996	0.6967
1.175	2.0619	1.8544	1.6197	1.0000	0.9969	0.7118
1.200	1.9843	1.7437	1.4890	1.0000	0.9860	0.7232
1.225	1.8643	1.6326	1.3746	1.0000	0.9565	0.7317
1.250	1.7616	1.5256	1.2711	1.0000	0.9005	0.7381
1.275	1.6630	1.4383	1.1828	0.9999	0.8198	0.7429
1.300	1.5999	1.3520	1.1056	0.9996	0.7268	0.7465
1.325	1.5246	1.2753	1.0424	0.9976	0.6363	0.7491
1.350	1.4257	1.2105	0.9876	0.9910	0.5573	0.7509
1.375	1.3640	1.1546	0.9407	0.9739	0.4924	0.7521
1.400	1.3314	1.1020	0.9057	0.9401	0.4406	0.7527
1.425	1.2808	1.0581	0.8763	0.8868	0.4000	0.7530
1.450	1.2330	1.0204	0.8520	0.8173	0.3682	0.7529
1.475	1.1841	0.9875	0.8332	0.7398	0.3432	0.7526
1.500	1.1439	0.9583	0.8226	0.6628	0.3235	0.7520
1.525	1.1063	0.9288	0.8152	0.5923	0.3078	0.7512
1.550	1.0727	0.9101	0.8107	0.5311	0.2952	0.7502
1.575	1.0520	0.8930	0.8107	0.4797	0.2850	0.7491
1.600	1.0293	0.8816	0.8129	0.4373	0.2768	0.7479
1.625	1.0034	0.8673	0.8153	0.4027	0.2702	0.7466
1.650	0.9952	0.8610	0.8224	0.3743	0.2648	0.7452
1.675	0.9452	0.8535	0.8305	0.3510	0.2605	0.7439
1.700	0.9376	0.8500	0.8410	0.3316	0.2571	0.7424
1.725	0.9224	0.8447	0.8567	0.3156	0.2543	0.7411
1.750	0.9184	0.8443	0.8736	0.3023	0.2521	0.7398
1.775	0.9085	0.8398	0.8921	0.2912	0.2504	0.7386
1.800	0.8917	0.8421	0.9156	0.2819	0.2491	0.7377
1.825	0.8864	0.8426	0.9360	0.2739	0.2482	0.7369
1.850	0.8834	0.8456	0.9590	0.2672	0.2476	0.7363
1.875	0.8609	0.8495	0.9840	0.2615	0.2472	0.7360
1.900	0.8770	0.8536	1.0081	0.2567	0.2470	0.7359
1.925	0.8620	0.8590	1.0326	0.2526	0.2470	0.7361
1.950	0.8522	0.8671	1.0550	0.2490	0.2472	0.7365
1.975	0.8485	0.8745	1.0737	0.2460	0.2476	0.7372
2.000	0.8508	0.8871	1.0887	0.2434	0.2480	0.7380
2.025	0.8533	0.8991	1.1024	0.2413	0.2486	0.7389
2.050	0.8579	0.9102	1.1091	0.2395	0.2493	0.7399
2.075	0.8588	0.9249	1.1101	0.2381	0.2501	0.7410
2.100	0.8512	0.9385	1.1079	0.2369	0.2509	0.7420
2.125	0.8446	0.9522	1.1016	0.2359	0.2518	0.7431
2.150	0.8547	0.9644	1.0925	0.2351	0.2528	0.7440
2.175	0.8490	0.9815	1.0857	0.2345	0.2537	0.7449
2.200	0.8434	0.9935	1.0728	0.2340	0.2548	0.7457
2.225	0.8459	1.0119	1.0606	0.2337	0.2558	0.7465
2.250	0.8619	1.0264	1.0477	0.2335	0.2569	0.7471
2.275	0.8571	1.0388	1.0351	0.2334	0.2579	0.7476
2.300	0.8561	1.0495	1.0220	0.2335	0.2589	0.7481
2.325	0.8670	1.0635	1.0107	0.2336	0.2599	0.7484
2.350	0.8652	1.0724	1.0003	0.2338	0.2608	0.7487
2.375	0.8577	1.0784	0.9890	0.2341	0.2616	0.7489
2.400	0.8648	1.0809	0.9816	0.2344	0.2623	0.7490
2.425	0.8771	1.0840	0.9747	0.2348	0.2629	0.7490
2.450	0.8755	1.0855	0.9697	0.2352	0.2634	0.7490
2.475	0.8811	1.0870	0.9647	0.2356	0.2638	0.7490
2.500	0.8887	1.0840	0.9608	0.2362	0.2640	0.7489
2.525	0.8989	1.0787	0.9599	0.2367	0.2641	0.7488

2.550	0.9033	1.0741	0.9589	0.2373	0.2640	0.7486
2.575	0.9150	1.0688	0.9605	0.2380	0.2638	0.7485
2.600	0.9202	1.0613	0.9609	0.2386	0.2635	0.7483
2.625	0.9262	1.0533	0.9641	0.2393	0.2630	0.7482
2.650	0.9396	1.0436	0.9670	0.2401	0.2624	0.7480
2.675	0.9502	1.0369	0.9703	0.2409	0.2618	0.7479
2.700	0.9404	1.0304	0.9753	0.2416	0.2611	0.7477
2.725	0.9575	1.0231	0.9796	0.2424	0.2603	0.7476
2.750	0.9597	1.0166	0.9827	0.2432	0.2596	0.7475
2.775	0.9700	1.0085	0.9879	0.2439	0.2588	0.7474
2.800	0.9835	1.0004	0.9917	0.2448	0.2580	0.7474
2.825	0.9870	0.9981	0.9974	0.2456	0.2572	0.7474
2.850	0.9960	0.9899	1.0020	0.2464	0.2565	0.7474
2.875	1.0072	0.9876	1.0064	0.2472	0.2558	0.7474
2.900	1.0139	0.9837	1.0095	0.2480	0.2551	0.7474
2.925	1.0202	0.9757	1.0145	0.2488	0.2545	0.7475
2.950	1.0321	0.9742	1.0168	0.2496	0.2539	0.7476
2.975	1.0385	0.9737	1.0193	0.2504	0.2534	0.7477
3.000	1.0416	0.9713	1.0202	0.2511	0.2529	0.7478
3.025	1.0544	0.9687	1.0223	0.2519	0.2525	0.7480
3.050	1.0596	0.9677	1.0221	0.2526	0.2521	0.7481
3.075	1.0534	0.9696	1.0216	0.2532	0.2518	0.7483
3.100	1.0655	0.9700	1.0203	0.2538	0.2516	0.7484
3.125	1.0657	0.9705	1.0190	0.2544	0.2514	0.7485
3.150	1.0733	0.9706	1.0183	0.2549	0.2512	0.7487
3.175	1.0740	0.9711	1.0156	0.2554	0.2511	0.7488
3.200	1.0725	0.9732	1.0134	0.2558	0.2510	0.7489
3.225	1.0713	0.9767	1.0112	0.2562	0.2510	0.7489
3.250	1.0703	0.9781	1.0085	0.2565	0.2510	0.7490
3.275	1.0701	0.9803	1.0061	0.2567	0.2510	0.7491
3.300	1.0659	0.9810	1.0029	0.2569	0.2510	0.7491
3.325	1.0696	0.9843	1.0002	0.2570	0.2511	0.7491
3.350	1.0618	0.9862	0.9994	0.2571	0.2512	0.7491
3.375	1.0610	0.9883	0.9968	0.2571	0.2513	0.7492
3.400	1.0530	0.9906	0.9957	0.2571	0.2514	0.7492
3.425	1.0491	0.9951	0.9942	0.2569	0.2515	0.7492
3.450	1.0456	0.9978	0.9938	0.2568	0.2516	0.7492
3.475	1.0350	1.0014	0.9924	0.2566	0.2517	0.7491
3.500	1.0393	1.0030	0.9919	0.2563	0.2518	0.7491
3.525	1.0372	1.0059	0.9924	0.2560	0.2519	0.7491
3.550	1.0269	1.0076	0.9921	0.2557	0.2521	0.7491
3.575	1.0265	1.0093	0.9928	0.2554	0.2522	0.7491
3.600	1.0166	1.0102	0.9918	0.2550	0.2523	0.7491
3.625	1.0158	1.0124	0.9939	0.2547	0.2524	0.7491
3.650	1.0240	1.0127	0.9943	0.2543	0.2524	0.7491
3.675	1.0119	1.0139	0.9950	0.2540	0.2525	0.7491
3.700	1.0107	1.0145	0.9966	0.2536	0.2526	0.7491
3.725	1.0092	1.0142	0.9973	0.2532	0.2526	0.7491
3.750	1.0051	1.0137	0.9987	0.2529	0.2526	0.7491
3.775	0.9954	1.0133	0.9998	0.2525	0.2526	0.7491
3.800	0.9919	1.0130	1.0013	0.2521	0.2526	0.7491
3.825	0.9919	1.0133	1.0020	0.2518	0.2526	0.7491
3.850	0.9876	1.0137	1.0033	0.2515	0.2526	0.7492
3.875	0.9815	1.0117	1.0033	0.2511	0.2526	0.7492
3.900	0.9849	1.0108	1.0037	0.2508	0.2525	0.7492
3.925	0.9767	1.0100	1.0052	0.2505	0.2524	0.7493
3.950	0.9823	1.0076	1.0053	0.2502	0.2524	0.7493
3.975	0.9803	1.0068	1.0061	0.2500	0.2523	0.7493
4.000	1.0000	1.0000	1.0000	0.2498	0.2522	0.7494

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.153 x_1= 0.5000 $\epsilon 22/\epsilon 11$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0006	0.0004	0.0007	1.0000	1.0000	0.0000
0.875	0.0103	0.0107	0.0135	1.0000	1.0000	0.0005
0.900	0.0709	0.0761	0.0921	1.0000	1.0000	0.0045
0.925	0.2740	0.2756	0.3195	1.0000	1.0000	0.0194
0.950	0.6538	0.6475	0.7244	1.0000	1.0000	0.0536
0.975	1.1344	1.0934	1.1833	1.0000	1.0000	0.1070
1.000	1.5984	1.5270	1.5815	1.0000	1.0000	0.1704
1.025	1.9493	1.8327	1.8352	1.0000	1.0000	0.2330
1.050	2.1584	2.0189	1.9574	1.0000	1.0000	0.2884
1.075	2.2663	2.0841	1.9644	1.0000	1.0000	0.3346
1.100	2.2593	2.0670	1.8940	1.0000	1.0000	0.3715
1.125	2.2075	1.9999	1.7931	1.0000	1.0000	0.4006
1.150	2.1347	1.9000	1.6788	1.0000	0.9999	0.4234
1.175	2.0389	1.7921	1.5535	1.0000	0.9990	0.4412
1.200	1.9279	1.6845	1.4383	1.0000	0.9955	0.4549
1.225	1.8339	1.5861	1.3380	1.0000	0.9859	0.4655
1.250	1.7333	1.4874	1.2464	1.0000	0.9662	0.4736
1.275	1.6506	1.3990	1.1686	1.0000	0.9346	0.4797
1.300	1.5642	1.3228	1.1013	0.9999	0.8930	0.4843
1.325	1.4813	1.2519	1.0415	0.9992	0.8458	0.4875
1.350	1.4224	1.1914	1.0032	0.9970	0.7977	0.4899
1.375	1.3491	1.1383	0.9627	0.9913	0.7523	0.4916
1.400	1.3054	1.0948	0.9366	0.9797	0.7116	0.4927
1.425	1.2430	1.0563	0.9131	0.9600	0.6761	0.4934
1.450	1.2046	1.0242	0.8996	0.9321	0.6459	0.4938
1.475	1.1628	0.9950	0.8900	0.8973	0.6206	0.4940
1.500	1.1350	0.9706	0.8850	0.8580	0.5994	0.4940
1.525	1.0966	0.9547	0.8804	0.8172	0.5818	0.4938
1.550	1.0708	0.9365	0.8764	0.7772	0.5671	0.4935
1.575	1.0342	0.9239	0.8789	0.7397	0.5550	0.4931
1.600	1.0138	0.9173	0.8758	0.7055	0.5451	0.4926
1.625	0.9943	0.9091	0.8812	0.6749	0.5369	0.4919
1.650	0.9728	0.9057	0.8823	0.6481	0.5302	0.4912
1.675	0.9633	0.9022	0.8841	0.6247	0.5247	0.4904
1.700	0.9447	0.9005	0.8888	0.6044	0.5203	0.4894
1.725	0.9396	0.9008	0.8932	0.5869	0.5168	0.4885
1.750	0.9251	0.9011	0.9047	0.5717	0.5140	0.4875
1.775	0.9116	0.8986	0.9143	0.5587	0.5118	0.4866
1.800	0.8984	0.8974	0.9275	0.5474	0.5101	0.4858
1.825	0.9014	0.8960	0.9419	0.5376	0.5088	0.4852
1.850	0.8956	0.8982	0.9571	0.5292	0.5078	0.4847
1.875	0.8959	0.8965	0.9731	0.5219	0.5071	0.4844
1.900	0.8943	0.8990	0.9913	0.5158	0.5066	0.4843
1.925	0.8818	0.9027	1.0057	0.5104	0.5063	0.4844
1.950	0.8895	0.9039	1.0236	0.5059	0.5061	0.4848
1.975	0.8870	0.9070	1.0393	0.5020	0.5060	0.4853
2.000	0.8850	0.9118	1.0501	0.4987	0.5060	0.4860
2.025	0.8919	0.9165	1.0620	0.4960	0.5061	0.4869
2.050	0.8901	0.9228	1.0690	0.4937	0.5063	0.4878
2.075	0.8863	0.9330	1.0697	0.4918	0.5066	0.4888
2.100	0.8899	0.9413	1.0690	0.4902	0.5069	0.4898
2.125	0.8839	0.9497	1.0665	0.4889	0.5073	0.4907
2.150	0.8883	0.9593	1.0651	0.4879	0.5077	0.4916
2.175	0.8871	0.9703	1.0569	0.4871	0.5082	0.4925
2.200	0.8877	0.9802	1.0498	0.4864	0.5088	0.4933
2.225	0.8922	0.9918	1.0406	0.4860	0.5094	0.4940
2.250	0.8920	1.0039	1.0347	0.4857	0.5101	0.4946
2.275	0.8890	1.0121	1.0263	0.4856	0.5108	0.4952
2.300	0.8872	1.0252	1.0188	0.4855	0.5115	0.4956
2.325	0.8931	1.0325	1.0120	0.4855	0.5123	0.4960
2.350	0.8879	1.0387	1.0037	0.4856	0.5129	0.4963
2.375	0.8921	1.0466	0.9967	0.4857	0.5136	0.4965
2.400	0.8950	1.0503	0.9944	0.4859	0.5142	0.4967
2.425	0.8969	1.0536	0.9916	0.4861	0.5147	0.4969
2.450	0.8983	1.0571	0.9884	0.4864	0.5151	0.4970
2.475	0.9064	1.0561	0.9848	0.4868	0.5154	0.4970
2.500	0.9093	1.0545	0.9834	0.4872	0.5156	0.4971
2.525	0.9145	1.0526	0.9821	0.4876	0.5157	0.4971

2.550	0.9132	1.0485	0.9816	0.4880	0.5156	0.4971
2.575	0.9218	1.0451	0.9809	0.4884	0.5155	0.4971
2.600	0.9236	1.0415	0.9812	0.4889	0.5152	0.4971
2.625	0.9277	1.0379	0.9833	0.4894	0.5148	0.4970
2.650	0.9361	1.0318	0.9842	0.4899	0.5143	0.4970
2.675	0.9391	1.0283	0.9846	0.4904	0.5138	0.4970
2.700	0.9424	1.0231	0.9870	0.4909	0.5131	0.4969
2.725	0.9549	1.0167	0.9888	0.4915	0.5124	0.4969
2.750	0.9592	1.0139	0.9914	0.4922	0.5117	0.4969
2.775	0.9648	1.0089	0.9938	0.4928	0.5110	0.4969
2.800	0.9708	1.0045	0.9955	0.4935	0.5102	0.4969
2.825	0.9778	1.0001	0.9979	0.4942	0.5095	0.4969
2.850	0.9846	0.9994	0.9994	0.4949	0.5088	0.4970
2.875	0.9884	0.9953	1.0005	0.4956	0.5081	0.4970
2.900	1.0005	0.9929	1.0033	0.4963	0.5075	0.4970
2.925	1.0066	0.9899	1.0055	0.4970	0.5069	0.4971
2.950	1.0131	0.9875	1.0088	0.4978	0.5063	0.4972
2.975	1.0212	0.9878	1.0101	0.4985	0.5058	0.4973
3.000	1.0295	0.9871	1.0111	0.4993	0.5054	0.4974
3.025	1.0309	0.9863	1.0103	0.5001	0.5049	0.4975
3.050	1.0368	0.9857	1.0114	0.5008	0.5046	0.4977
3.075	1.0385	0.9840	1.0111	0.5015	0.5043	0.4978
3.100	1.0485	0.9861	1.0113	0.5022	0.5040	0.4979
3.125	1.0469	0.9861	1.0097	0.5028	0.5037	0.4980
3.150	1.0505	0.9865	1.0090	0.5034	0.5036	0.4981
3.175	1.0492	0.9868	1.0086	0.5040	0.5034	0.4982
3.200	1.0515	0.9872	1.0067	0.5045	0.5033	0.4983
3.225	1.0508	0.9867	1.0068	0.5050	0.5032	0.4984
3.250	1.0525	0.9891	1.0060	0.5054	0.5031	0.4985
3.275	1.0503	0.9896	1.0061	0.5057	0.5030	0.4985
3.300	1.0458	0.9889	1.0041	0.5060	0.5030	0.4986
3.325	1.0453	0.9914	1.0020	0.5062	0.5029	0.4986
3.350	1.0468	0.9925	1.0027	0.5064	0.5029	0.4987
3.375	1.0384	0.9923	1.0012	0.5065	0.5029	0.4987
3.400	1.0370	0.9936	1.0006	0.5065	0.5029	0.4988
3.425	1.0375	0.9948	1.0006	0.5065	0.5029	0.4988
3.450	1.0322	0.9960	0.9988	0.5064	0.5029	0.4988
3.475	1.0331	0.9985	0.9988	0.5063	0.5029	0.4988
3.500	1.0294	0.9988	0.9994	0.5061	0.5030	0.4988
3.525	1.0253	1.0009	0.9985	0.5060	0.5030	0.4989
3.550	1.0193	1.0009	0.9981	0.5057	0.5030	0.4989
3.575	1.0219	1.0019	0.9986	0.5055	0.5030	0.4989
3.600	1.0140	1.0020	0.9998	0.5052	0.5031	0.4989
3.625	1.0106	1.0044	0.9986	0.5049	0.5031	0.4989
3.650	1.0086	1.0045	1.0006	0.5045	0.5031	0.4990
3.675	1.0048	1.0046	0.9986	0.5042	0.5031	0.4990
3.700	1.0060	1.0049	0.9997	0.5038	0.5031	0.4990
3.725	1.0032	1.0076	1.0006	0.5035	0.5031	0.4990
3.750	1.0008	1.0053	1.0008	0.5032	0.5031	0.4990
3.775	1.0000	1.0070	1.0011	0.5028	0.5031	0.4991
3.800	0.9993	1.0064	1.0016	0.5025	0.5030	0.4991
3.825	0.9969	1.0073	1.0011	0.5022	0.5030	0.4991
3.850	0.9950	1.0067	1.0014	0.5019	0.5030	0.4991
3.875	0.9932	1.0068	1.0009	0.5016	0.5030	0.4992
3.900	0.9901	1.0061	1.0027	0.5014	0.5029	0.4992
3.925	0.9922	1.0052	1.0033	0.5011	0.5028	0.4992
3.950	0.9917	1.0058	1.0040	0.5009	0.5028	0.4992
3.975	0.9895	1.0040	1.0039	0.5006	0.5027	0.4993
4.000	1.0000	1.0000	1.0000	0.5005	0.5026	0.4993

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.218 x_1= 0.7500 $\epsilon 22/\epsilon 11$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0005	0.0004	0.0006	1.0000	1.0000	0.0000
0.875	0.0088	0.0095	0.0118	1.0000	1.0000	0.0002
0.900	0.0662	0.0670	0.0755	1.0000	1.0000	0.0014
0.925	0.2455	0.2461	0.2666	1.0000	1.0000	0.0060
0.950	0.5817	0.5701	0.5968	1.0000	1.0000	0.0167
0.975	1.0181	0.9812	0.9915	1.0000	1.0000	0.0347
1.000	1.4386	1.3664	1.3320	1.0000	1.0000	0.0581
1.025	1.7652	1.6557	1.5525	1.0000	1.0000	0.0836
1.050	1.9741	1.8186	1.6762	1.0000	1.0000	0.1086
1.075	2.0755	1.8949	1.6989	1.0000	1.0000	0.1314
1.100	2.0747	1.8890	1.6657	1.0000	1.0000	0.1512
1.125	2.0478	1.8344	1.5880	1.0000	1.0000	0.1679
1.150	1.9711	1.7547	1.4998	1.0000	1.0000	0.1815
1.175	1.8889	1.6674	1.4104	1.0000	0.9997	0.1926
1.200	1.7933	1.5757	1.3219	1.0000	0.9986	0.2015
1.225	1.7114	1.4883	1.2415	1.0000	0.9957	0.2084
1.250	1.6241	1.4087	1.1797	1.0000	0.9896	0.2138
1.275	1.5419	1.3384	1.1243	1.0000	0.9794	0.2180
1.300	1.4669	1.2683	1.0734	1.0000	0.9653	0.2213
1.325	1.3980	1.2159	1.0314	0.9998	0.9481	0.2237
1.350	1.3455	1.1618	1.0004	0.9991	0.9292	0.2256
1.375	1.2903	1.1189	0.9779	0.9972	0.9100	0.2271
1.400	1.2445	1.0813	0.9661	0.9934	0.8914	0.2283
1.425	1.2030	1.0502	0.9630	0.9870	0.8741	0.2294
1.450	1.1625	1.0260	0.9595	0.9774	0.8583	0.2304
1.475	1.1356	1.0031	0.9602	0.9649	0.8443	0.2313
1.500	1.1007	0.9888	0.9688	0.9500	0.8321	0.2323
1.525	1.0704	0.9774	0.9727	0.9336	0.8216	0.2332
1.550	1.0513	0.9697	0.9754	0.9165	0.8126	0.2342
1.575	1.0252	0.9693	0.9815	0.8994	0.8050	0.2351
1.600	1.0069	0.9661	0.9836	0.8829	0.7985	0.2360
1.625	0.9951	0.9659	0.9821	0.8674	0.7932	0.2368
1.650	0.9782	0.9712	0.9809	0.8530	0.7887	0.2375
1.675	0.9662	0.9757	0.9770	0.8399	0.7850	0.2381
1.700	0.9572	0.9770	0.9733	0.8281	0.7820	0.2385
1.725	0.9498	0.9766	0.9665	0.8176	0.7795	0.2388
1.750	0.9430	0.9758	0.9691	0.8082	0.7774	0.2390
1.775	0.9391	0.9765	0.9699	0.7999	0.7757	0.2392
1.800	0.9396	0.9778	0.9658	0.7926	0.7744	0.2393
1.825	0.9340	0.9745	0.9688	0.7862	0.7733	0.2394
1.850	0.9362	0.9736	0.9700	0.7806	0.7723	0.2395
1.875	0.9341	0.9693	0.9764	0.7757	0.7714	0.2396
1.900	0.9344	0.9691	0.9789	0.7715	0.7706	0.2397
1.925	0.9377	0.9638	0.9856	0.7678	0.7699	0.2398
1.950	0.9430	0.9634	0.9970	0.7647	0.7692	0.2401
1.975	0.9442	0.9600	1.0006	0.7620	0.7685	0.2404
2.000	0.9486	0.9599	1.0065	0.7598	0.7677	0.2407
2.025	0.9519	0.9574	1.0119	0.7579	0.7670	0.2410
2.050	0.9505	0.9580	1.0176	0.7563	0.7663	0.2414
2.075	0.9545	0.9567	1.0203	0.7550	0.7656	0.2418
2.100	0.9566	0.9566	1.0200	0.7539	0.7649	0.2422
2.125	0.9575	0.9629	1.0214	0.7531	0.7642	0.2426
2.150	0.9571	0.9672	1.0219	0.7524	0.7636	0.2430
2.175	0.9583	0.9699	1.0232	0.7518	0.7630	0.2434
2.200	0.9584	0.9741	1.0207	0.7514	0.7625	0.2437
2.225	0.9522	0.9787	1.0181	0.7510	0.7621	0.2441
2.250	0.9545	0.9847	1.0145	0.7508	0.7617	0.2444
2.275	0.9535	0.9911	1.0109	0.7505	0.7614	0.2446
2.300	0.9522	0.9959	1.0062	0.7504	0.7612	0.2449
2.325	0.9496	1.0003	1.0051	0.7502	0.7610	0.2451
2.350	0.9485	1.0068	1.0021	0.7501	0.7609	0.2452
2.375	0.9496	1.0101	1.0020	0.7500	0.7607	0.2454
2.400	0.9483	1.0125	1.0005	0.7499	0.7607	0.2456
2.425	0.9442	1.0156	1.0002	0.7498	0.7606	0.2457
2.450	0.9425	1.0180	1.0016	0.7497	0.7606	0.2459
2.475	0.9437	1.0162	1.0001	0.7495	0.7605	0.2460
2.500	0.9447	1.0173	0.9990	0.7494	0.7604	0.2461
2.525	0.9465	1.0179	0.9981	0.7492	0.7603	0.2462

2.550	0.9433	1.0167	1.0000	0.7491	0.7602	0.2463
2.575	0.9458	1.0148	1.0021	0.7489	0.7601	0.2465
2.600	0.9491	1.0138	1.0005	0.7488	0.7599	0.2466
2.625	0.9473	1.0131	1.0018	0.7487	0.7597	0.2467
2.650	0.9529	1.0113	1.0024	0.7486	0.7595	0.2468
2.675	0.9545	1.0104	1.0025	0.7485	0.7592	0.2469
2.700	0.9550	1.0090	1.0028	0.7484	0.7590	0.2470
2.725	0.9606	1.0076	1.0054	0.7484	0.7587	0.2471
2.750	0.9640	1.0063	1.0034	0.7483	0.7584	0.2472
2.775	0.9661	1.0035	1.0045	0.7483	0.7581	0.2473
2.800	0.9710	1.0032	1.0055	0.7484	0.7578	0.2474
2.825	0.9740	1.0023	1.0032	0.7484	0.7575	0.2475
2.850	0.9769	1.0021	1.0034	0.7485	0.7572	0.2475
2.875	0.9828	1.0037	1.0028	0.7486	0.7569	0.2476
2.900	0.9863	1.0012	1.0008	0.7487	0.7566	0.2477
2.925	0.9917	1.0011	1.0029	0.7489	0.7564	0.2477
2.950	0.9957	1.0008	1.0028	0.7491	0.7561	0.2478
2.975	0.9988	1.0001	1.0053	0.7493	0.7559	0.2479
3.000	1.0026	0.9997	1.0051	0.7495	0.7556	0.2479
3.025	1.0074	1.0004	1.0042	0.7497	0.7554	0.2480
3.050	1.0093	0.9996	1.0020	0.7499	0.7553	0.2481
3.075	1.0104	1.0000	1.0042	0.7502	0.7551	0.2481
3.100	1.0134	0.9983	1.0047	0.7504	0.7549	0.2482
3.125	1.0171	0.9994	1.0031	0.7507	0.7548	0.2483
3.150	1.0169	0.9989	1.0040	0.7509	0.7547	0.2483
3.175	1.0166	0.9999	1.0043	0.7512	0.7545	0.2484
3.200	1.0190	1.0002	1.0013	0.7514	0.7544	0.2484
3.225	1.0199	0.9975	1.0043	0.7516	0.7543	0.2485
3.250	1.0214	0.9994	1.0045	0.7518	0.7542	0.2485
3.275	1.0207	0.9986	1.0039	0.7520	0.7541	0.2486
3.300	1.0230	0.9998	1.0046	0.7521	0.7540	0.2486
3.325	1.0183	0.9985	1.0033	0.7523	0.7539	0.2487
3.350	1.0180	0.9983	1.0015	0.7524	0.7538	0.2487
3.375	1.0199	0.9997	1.0005	0.7525	0.7537	0.2488
3.400	1.0171	0.9980	1.0026	0.7526	0.7537	0.2488
3.425	1.0144	0.9980	1.0026	0.7526	0.7536	0.2488
3.450	1.0145	0.9990	1.0043	0.7526	0.7535	0.2489
3.475	1.0134	0.9978	1.0040	0.7526	0.7534	0.2489
3.500	1.0114	1.0004	1.0030	0.7526	0.7533	0.2489
3.525	1.0100	1.0002	1.0007	0.7526	0.7532	0.2490
3.550	1.0103	0.9996	1.0025	0.7526	0.7532	0.2490
3.575	1.0087	1.0005	1.0019	0.7525	0.7531	0.2490
3.600	1.0086	0.9992	1.0031	0.7524	0.7530	0.2491
3.625	1.0076	1.0007	1.0044	0.7524	0.7529	0.2491
3.650	1.0041	1.0002	1.0021	0.7523	0.7529	0.2491
3.675	1.0046	1.0006	1.0044	0.7522	0.7528	0.2492
3.700	1.0025	1.0015	1.0041	0.7521	0.7527	0.2492
3.725	1.0020	1.0004	1.0070	0.7520	0.7526	0.2492
3.750	1.0021	1.0011	1.0050	0.7519	0.7526	0.2493
3.775	1.0012	1.0015	1.0034	0.7518	0.7525	0.2493
3.800	1.0007	1.0014	1.0052	0.7517	0.7525	0.2493
3.825	0.9997	1.0002	1.0038	0.7516	0.7524	0.2494
3.850	0.9997	1.0015	1.0050	0.7515	0.7523	0.2494
3.875	0.9982	1.0017	1.0058	0.7514	0.7523	0.2494
3.900	1.0000	1.0020	1.0046	0.7513	0.7523	0.2494
3.925	0.9998	1.0013	1.0061	0.7513	0.7522	0.2495
3.950	1.0001	1.0008	1.0000	0.7512	0.7522	0.2495
3.975	0.9989	1.0018	1.0000	0.7511	0.7521	0.2495
4.000	1.0000	1.0000	1.0000	0.7511	0.7521	0.2495

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.280 x_1= 0.9001 $\epsilon 22/\epsilon 11$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0004	0.0004	0.0003	1.0000	1.0000	0.0000
0.875	0.0077	0.0078	0.0082	1.0000	1.0000	0.0000
0.900	0.0570	0.0559	0.0529	1.0000	1.0000	0.0004
0.925	0.2148	0.2087	0.1967	1.0000	1.0000	0.0016
0.950	0.5108	0.4907	0.4443	1.0000	1.0000	0.0046
0.975	0.8909	0.8488	0.7486	1.0000	1.0000	0.0097
1.000	1.2647	1.1880	1.0272	1.0000	1.0000	0.0167
1.025	1.5626	1.4528	1.2361	1.0000	1.0000	0.0248
1.050	1.7557	1.6130	1.3412	1.0000	1.0000	0.0331
1.075	1.8470	1.6887	1.3896	1.0000	1.0000	0.0410
1.100	1.8717	1.6917	1.3755	1.0000	1.0000	0.0482
1.125	1.8457	1.6534	1.3462	1.0000	1.0000	0.0545
1.150	1.7864	1.5924	1.2832	1.0000	1.0000	0.0598
1.175	1.7176	1.5249	1.2226	1.0000	0.9999	0.0643
1.200	1.6384	1.4516	1.1686	1.0000	0.9996	0.0679
1.225	1.5633	1.3809	1.1156	1.0000	0.9988	0.0709
1.250	1.4928	1.3137	1.0742	1.0000	0.9972	0.0732
1.275	1.4259	1.2566	1.0323	1.0000	0.9943	0.0751
1.300	1.3622	1.2001	1.0019	1.0000	0.9903	0.0766
1.325	1.3070	1.1537	0.9814	0.9999	0.9852	0.0778
1.350	1.2577	1.1174	0.9641	0.9997	0.9793	0.0788
1.375	1.2129	1.0830	0.9574	0.9991	0.9731	0.0797
1.400	1.1709	1.0520	0.9602	0.9980	0.9669	0.0805
1.425	1.1377	1.0343	0.9590	0.9959	0.9609	0.0813
1.450	1.1061	1.0123	0.9735	0.9929	0.9553	0.0820
1.475	1.0797	1.0001	0.9899	0.9888	0.9502	0.0828
1.500	1.0559	0.9896	1.0102	0.9838	0.9455	0.0837
1.525	1.0344	0.9860	1.0281	0.9782	0.9414	0.0846
1.550	1.0187	0.9832	1.0369	0.9722	0.9378	0.0855
1.575	1.0036	0.9864	1.0378	0.9661	0.9347	0.0864
1.600	0.9873	0.9923	1.0443	0.9600	0.9321	0.0873
1.625	0.9753	0.9968	1.0405	0.9542	0.9298	0.0881
1.650	0.9657	1.0060	1.0412	0.9486	0.9279	0.0889
1.675	0.9599	1.0123	1.0369	0.9435	0.9262	0.0896
1.700	0.9532	1.0214	1.0367	0.9387	0.9249	0.0902
1.725	0.9501	1.0258	1.0303	0.9344	0.9237	0.0908
1.750	0.9485	1.0285	1.0262	0.9306	0.9227	0.0914
1.775	0.9460	1.0324	1.0183	0.9271	0.9219	0.0918
1.800	0.9470	1.0276	1.0200	0.9240	0.9212	0.0922
1.825	0.9482	1.0276	1.0107	0.9212	0.9205	0.0926
1.850	0.9522	1.0237	1.0063	0.9188	0.9199	0.0929
1.875	0.9563	1.0205	1.0068	0.9167	0.9193	0.0932
1.900	0.9610	1.0169	1.0011	0.9149	0.9187	0.0935
1.925	0.9666	1.0124	1.0032	0.9133	0.9182	0.0938
1.950	0.9723	1.0076	1.0032	0.9119	0.9176	0.0940
1.975	0.9782	1.0045	1.0032	0.9108	0.9169	0.0943
2.000	0.9853	0.9984	1.0062	0.9098	0.9163	0.0945
2.025	0.9901	0.9942	1.0077	0.9090	0.9156	0.0947
2.050	0.9954	0.9920	1.0085	0.9083	0.9149	0.0949
2.075	0.9983	0.9889	1.0102	0.9077	0.9142	0.0951
2.100	1.0005	0.9896	1.0081	0.9072	0.9136	0.0954
2.125	1.0042	0.9863	1.0083	0.9068	0.9129	0.0955
2.150	1.0050	0.9856	1.0188	0.9065	0.9123	0.0957
2.175	1.0057	0.9849	1.0128	0.9063	0.9117	0.0959
2.200	1.0041	0.9875	1.0086	0.9060	0.9111	0.0961
2.225	1.0042	0.9883	1.0075	0.9058	0.9106	0.0963
2.250	1.0031	0.9880	1.0072	0.9057	0.9101	0.0964
2.275	1.0007	0.9914	1.0070	0.9055	0.9096	0.0965
2.300	0.9992	0.9926	1.0072	0.9054	0.9092	0.0967
2.325	0.9973	0.9933	1.0038	0.9053	0.9088	0.0968
2.350	0.9941	0.9961	1.0016	0.9052	0.9084	0.0969
2.375	0.9918	0.9991	1.0042	0.9050	0.9081	0.0970
2.400	0.9884	0.9999	1.0014	0.9049	0.9078	0.0971
2.425	0.9867	0.9992	1.0022	0.9047	0.9075	0.0972
2.450	0.9844	0.9993	1.0041	0.9045	0.9072	0.0973
2.475	0.9826	1.0004	1.0063	0.9044	0.9070	0.0973
2.500	0.9824	0.9995	1.0048	0.9042	0.9068	0.0974
2.525	0.9795	0.9993	1.0059	0.9040	0.9065	0.0975

2.550	0.9781	0.9990	1.0025	0.9037	0.9063	0.0976
2.575	0.9790	0.9996	1.0054	0.9035	0.9062	0.0977
2.600	0.9775	0.9997	1.0045	0.9033	0.9060	0.0977
2.625	0.9769	0.9997	1.0025	0.9031	0.9058	0.0978
2.650	0.9769	0.9989	1.0065	0.9029	0.9056	0.0979
2.675	0.9770	0.9987	1.0022	0.9027	0.9055	0.0979
2.700	0.9772	0.9990	0.9996	0.9025	0.9053	0.0980
2.725	0.9773	0.9990	1.0036	0.9023	0.9051	0.0980
2.750	0.9783	0.9994	1.0034	0.9021	0.9050	0.0981
2.775	0.9799	0.9982	1.0029	0.9019	0.9048	0.0981
2.800	0.9815	0.9980	1.0033	0.9018	0.9046	0.0982
2.825	0.9827	0.9991	1.0028	0.9017	0.9045	0.0982
2.850	0.9838	0.9987	1.0038	0.9015	0.9044	0.0983
2.875	0.9858	0.9993	1.0038	0.9014	0.9042	0.0983
2.900	0.9885	0.9988	1.0040	0.9013	0.9041	0.0984
2.925	0.9902	0.9978	1.0041	0.9013	0.9039	0.0984
2.950	0.9919	0.9989	1.0027	0.9012	0.9038	0.0985
2.975	0.9929	1.0001	1.0023	0.9011	0.9037	0.0985
3.000	0.9951	0.9985	1.0020	0.9011	0.9036	0.0985
3.025	0.9967	1.0011	1.0011	0.9011	0.9035	0.0986
3.050	0.9976	0.9994	1.0003	0.9011	0.9034	0.0986
3.075	0.9993	0.9994	1.0012	0.9010	0.9033	0.0986
3.100	1.0010	1.0010	1.0011	0.9010	0.9032	0.0987
3.125	1.0016	1.0005	0.9995	0.9010	0.9031	0.0987
3.150	1.0034	1.0001	1.0024	0.9011	0.9031	0.0987
3.175	1.0034	1.0007	1.0038	0.9011	0.9030	0.0988
3.200	1.0040	1.0009	1.0043	0.9011	0.9029	0.0988
3.225	1.0047	1.0015	1.0023	0.9011	0.9028	0.0988
3.250	1.0043	1.0021	1.0035	0.9011	0.9028	0.0989
3.275	1.0049	1.0018	1.0035	0.9011	0.9027	0.0989
3.300	1.0050	1.0006	1.0026	0.9011	0.9027	0.0989
3.325	1.0052	1.0016	1.0056	0.9012	0.9026	0.0990
3.350	1.0049	1.0007	1.0022	0.9012	0.9025	0.0990
3.375	1.0047	1.0016	1.0030	0.9012	0.9025	0.0990
3.400	1.0047	1.0022	1.0076	0.9012	0.9024	0.0990
3.425	1.0047	1.0018	1.0057	0.9012	0.9024	0.0991
3.450	1.0041	1.0018	1.0037	0.9012	0.9023	0.0991
3.475	1.0029	1.0014	1.0025	0.9012	0.9022	0.0991
3.500	1.0032	1.0016	1.0050	0.9012	0.9022	0.0991
3.525	1.0033	1.0020	1.0050	0.9012	0.9022	0.0992
3.550	1.0020	1.0009	1.0034	0.9012	0.9021	0.0992
3.575	1.0014	1.0013	1.0035	0.9012	0.9021	0.0992
3.600	1.0021	0.9998.	1.0036	0.9011	0.9020	0.0992
3.625	1.0026	0.9998	1.0060	0.9011	0.9020	0.0992
3.650	1.0013	1.0011	1.0034	0.9011	0.9019	0.0993
3.675	1.0007	1.0003	1.0047	0.9011	0.9019	0.0993
3.700	1.0007	1.0008	1.0023	0.9011	0.9019	0.0993
3.725	1.0005	1.0018	1.0038	0.9011	0.9018	0.0993
3.750	0.9996	1.0011	1.0049	0.9010	0.9018	0.0993
3.775	1.0001	1.0013	1.0044	0.9010	0.9017	0.0994
3.800	1.0003	1.0014	1.0000	0.9010	0.9017	0.0994
3.825	1.0000	1.0018	0.9999	0.9010	0.9017	0.0994
3.850	1.0005	1.0008	1.0042	0.9010	0.9016	0.0994
3.875	1.0000	1.0004	0.9992	0.9010	0.9016	0.0994
3.900	0.9994	1.0003	1.0050	0.9009	0.9016	0.0994
3.925	1.0000	1.0010	1.0020	0.9009	0.9015	0.0994
3.950	1.0002	1.0004	1.0043	0.9009	0.9015	0.0994
3.975	0.9997	1.0011	1.0041	0.9009	0.9015	0.0995
4.000	1.0000	1.0000	1.0000	0.9009	0.9015	0.0995

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.298 x_1= 0.9502 $\epsilon 22/\epsilon 11$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0003	0.0004	0.0004	1.0000	1.0000	0.0000
0.875	0.0070	0.0073	0.0074	1.0000	1.0000	0.0000
0.900	0.0527	0.0515	0.0460	1.0000	1.0000	0.0002
0.925	0.1984	0.1920	0.1584	1.0000	1.0000	0.0007
0.950	0.4741	0.4485	0.3834	1.0000	1.0000	0.0019
0.975	0.8312	0.7862	0.6491	1.0000	1.0000	0.0042
1.000	1.1858	1.1070	0.8858	1.0000	1.0000	0.0072
1.025	1.4651	1.3554	1.0858	1.0000	1.0000	0.0108
1.050	1.6491	1.5064	1.1864	1.0000	1.0000	0.0145
1.075	1.7453	1.5858	1.2412	1.0000	1.0000	0.0181
1.100	1.7689	1.5933	1.2564	1.0000	1.0000	0.0215
1.125	1.7474	1.5657	1.2322	1.0000	1.0000	0.0245
1.150	1.6984	1.5163	1.1853	1.0000	1.0000	0.0271
1.175	1.6382	1.4544	1.1417	1.0000	1.0000	0.0292
1.200	1.5715	1.3908	1.0849	1.0000	0.9998	0.0310
1.225	1.5021	1.3247	1.0419	1.0000	0.9995	0.0325
1.250	1.4352	1.2695	0.9940	1.0000	0.9988	0.0336
1.275	1.3749	1.2168	0.9917	1.0000	0.9976	0.0346
1.300	1.3196	1.1662	0.9506	1.0000	0.9958	0.0354
1.325	1.2684	1.1272	0.9350	1.0000	0.9936	0.0360
1.350	1.2199	1.0889	0.9319	0.9999	0.9911	0.0365
1.375	1.1823	1.0621	0.9362	0.9996	0.9883	0.0370
1.400	1.1450	1.0373	0.9328	0.9991	0.9855	0.0375
1.425	1.1134	1.0147	0.9449	0.9981	0.9828	0.0379
1.450	1.0847	0.9992	0.9614	0.9968	0.9802	0.0384
1.475	1.0606	0.9917	0.9807	0.9949	0.9777	0.0388
1.500	1.0394	0.9829	0.9900	0.9926	0.9755	0.0393
1.525	1.0200	0.9794	1.0162	0.9900	0.9736	0.0398
1.550	1.0044	0.9830	1.0235	0.9872	0.9718	0.0404
1.575	0.9896	0.9847	1.0415	0.9843	0.9703	0.0409
1.600	0.9782	0.9937	1.0414	0.9814	0.9690	0.0414
1.625	0.9686	1.0011	1.0385	0.9786	0.9679	0.0419
1.650	0.9625	1.0099	1.0445	0.9759	0.9669	0.0424
1.675	0.9562	1.0181	1.0451	0.9734	0.9661	0.0428
1.700	0.9512	1.0260	1.0418	0.9711	0.9654	0.0432
1.725	0.9490	1.0312	1.0307	0.9690	0.9648	0.0436
1.750	0.9485	1.0382	1.0252	0.9671	0.9643	0.0439
1.775	0.9474	1.0410	1.0236	0.9653	0.9639	0.0442
1.800	0.9481	1.0434	1.0154	0.9638	0.9635	0.0445
1.825	0.9520	1.0413	1.0127	0.9624	0.9631	0.0447
1.850	0.9553	1.0407	1.0214	0.9612	0.9628	0.0450
1.875	0.9597	1.0375	1.0097	0.9601	0.9624	0.0452
1.900	0.9656	1.0315	1.0062	0.9592	0.9621	0.0454
1.925	0.9721	1.0289	1.0091	0.9584	0.9618	0.0456
1.950	0.9788	1.0245	1.0098	0.9577	0.9614	0.0458
1.975	0.9853	1.0186	1.0158	0.9571	0.9610	0.0459
2.000	0.9914	1.0141	1.0111	0.9566	0.9607	0.0461
2.025	0.9979	1.0114	1.0208	0.9562	0.9603	0.0463
2.050	1.0035	1.0071	1.0197	0.9558	0.9599	0.0464
2.075	1.0086	1.0027	1.0285	0.9555	0.9595	0.0466
2.100	1.0116	1.0000	1.0283	0.9552	0.9591	0.0468
2.125	1.0146	1.0000	1.0296	0.9550	0.9587	0.0469
2.150	1.0172	0.9983	1.0229	0.9549	0.9583	0.0471
2.175	1.0180	0.9991	1.0220	0.9547	0.9580	0.0472
2.200	1.0169	0.9946	1.0149	0.9546	0.9576	0.0473
2.225	1.0172	0.9961	1.0143	0.9545	0.9573	0.0474
2.250	1.0154	0.9970	1.0072	0.9544	0.9570	0.0475
2.275	1.0143	0.9962	1.0136	0.9543	0.9567	0.0476
2.300	1.0124	0.9969	1.0066	0.9542	0.9564	0.0477
2.325	1.0110	0.9972	1.0074	0.9541	0.9562	0.0478
2.350	1.0084	1.0000	1.0065	0.9540	0.9559	0.0479
2.375	1.0050	0.9982	1.0023	0.9540	0.9557	0.0479
2.400	1.0032	1.0001	1.0058	0.9539	0.9555	0.0480
2.425	1.0009	0.9975	1.0019	0.9538	0.9553	0.0480
2.450	0.9982	0.9980	1.0049	0.9536	0.9551	0.0481
2.475	0.9964	1.0027	0.9976	0.9535	0.9550	0.0482
2.500	0.9947	1.0006	1.0027	0.9534	0.9548	0.0482
2.525	0.9934	1.0018	1.0001	0.9533	0.9546	0.0483

2.550	0.9918	1.0022	1.0058	0.9531	0.9545	0.0483
2.575	0.9906	1.0032	1.0066	0.9530	0.9544	0.0484
2.600	0.9907	1.0010	1.0066	0.9529	0.9542	0.0484
2.625	0.9892	1.0021	1.0109	0.9527	0.9541	0.0485
2.650	0.9887	1.0011	1.0075	0.9526	0.9540	0.0485
2.675	0.9885	1.0019	1.0117	0.9525	0.9539	0.0486
2.700	0.9881	0.9995	1.0083	0.9523	0.9537	0.0486
2.725	0.9868	1.0011	1.0101	0.9522	0.9536	0.0487
2.750	0.9886	0.9994	1.0085	0.9521	0.9535	0.0487
2.775	0.9885	0.9995	1.0092	0.9520	0.9534	0.0487
2.800	0.9890	0.9992	1.0115	0.9518	0.9532	0.0488
2.825	0.9896	0.9982	1.0040	0.9517	0.9531	0.0488
2.850	0.9897	0.9992	1.0093	0.9516	0.9530	0.0488
2.875	0.9905	0.9995	1.0091	0.9516	0.9529	0.0489
2.900	0.9927	1.0004	1.0049	0.9515	0.9528	0.0489
2.925	0.9924	0.9997	1.0098	0.9514	0.9527	0.0489
2.950	0.9938	0.9988	1.0092	0.9513	0.9526	0.0490
2.975	0.9952	0.9996	1.0064	0.9513	0.9525	0.0490
3.000	0.9961	0.9998	1.0073	0.9512	0.9525	0.0490
3.025	0.9970	1.0006	1.0096	0.9512	0.9524	0.0491
3.050	0.9978	0.9989	1.0161	0.9511	0.9523	0.0491
3.075	0.9993	1.0016	1.0072	0.9511	0.9523	0.0491
3.100	0.9990	1.0003	1.0094	0.9511	0.9522	0.0492
3.125	0.9995	1.0018	1.0111	0.9511	0.9522	0.0492
3.150	1.0012	1.0019	1.0054	0.9510	0.9521	0.0492
3.175	1.0008	1.0004	1.0111	0.9510	0.9521	0.0492
3.200	1.0015	0.9996	1.0108	0.9510	0.9520	0.0493
3.225	1.0008	0.9994	1.0130	0.9510	0.9520	0.0493
3.250	1.0015	0.9985	1.0075	0.9510	0.9519	0.0493
3.275	1.0021	0.9992	1.0088	0.9509	0.9519	0.0493
3.300	1.0019	0.9996	1.0078	0.9509	0.9518	0.0493
3.325	1.0024	1.0009	1.0106	0.9509	0.9518	0.0494
3.350	1.0020	1.0003	1.0097	0.9509	0.9518	0.0494
3.375	1.0014	1.0001	1.0138	0.9509	0.9517	0.0494
3.400	1.0012	0.9999	1.0111	0.9509	0.9517	0.0494
3.425	1.0012	1.0001	1.0096	0.9509	0.9517	0.0494
3.450	1.0013	1.0005	1.0067	0.9509	0.9516	0.0495
3.475	1.0009	1.0002	1.0135	0.9509	0.9516	0.0495
3.500	1.0014	1.0006	1.0096	0.9509	0.9515	0.0495
3.525	1.0012	0.9998	1.0074	0.9508	0.9515	0.0495
3.550	1.0006	1.0001	1.0125	0.9508	0.9515	0.0495
3.575	1.0006	1.0003	1.0076	0.9508	0.9514	0.0495
3.600	1.0000	1.0000	1.0060	0.9508	0.9514	0.0496
3.625	0.9997	1.0001	1.0090	0.9508	0.9514	0.0496
3.650	0.9998	1.0013	1.0080	0.9508	0.9513	0.0496
3.675	0.9997	0.9995	1.0038	0.9508	0.9513	0.0496
3.700	0.9996	0.9997	1.0090	0.9508	0.9513	0.0496
3.725	0.9993	1.0007	1.0028	0.9508	0.9512	0.0496
3.750	0.9993	1.0003	1.0006	0.9507	0.9512	0.0496
3.775	0.9998	1.0014	1.0065	0.9507	0.9512	0.0496
3.800	0.9994	1.0003	1.0035	0.9507	0.9512	0.0496
3.825	0.9991	1.0006	1.0059	0.9507	0.9511	0.0496
3.850	0.9990	1.0005	1.0032	0.9507	0.9511	0.0496
3.875	0.9995	0.9997	1.0027	0.9507	0.9511	0.0497
3.900	0.9999	0.9993	1.0043	0.9507	0.9511	0.0497
3.925	0.9994	1.0000	1.0050	0.9507	0.9510	0.0497
3.950	0.9997	0.9989	1.0003	0.9506	0.9510	0.0497
3.975	1.0000	1.0001	1.0000	0.9506	0.9510	0.0497
4.000	1.0000	1.0000	1.0000	0.9506	0.9510	0.0497

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.105 x_1= 0.0498 $\epsilon 22/\epsilon 11$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0033	0.0002	0.0000	1.0000	1.0000	0.0000
0.875	0.0110	0.0039	0.0015	1.0000	1.0000	0.0008
0.900	0.1071	0.0444	0.0243	1.0000	1.0000	0.0148
0.925	0.3409	0.2154	0.1564	1.0000	1.0000	0.1084
0.950	0.6958	0.6081	0.5194	1.0000	1.0000	0.3433
0.975	1.2716	1.1560	1.1024	1.0000	1.0000	0.5935
1.000	1.8031	1.7220	1.7227	1.0000	1.0000	0.7516
1.025	2.1877	2.1605	2.1958	1.0000	1.0000	0.8359
1.050	2.3930	2.4071	2.4411	1.0000	1.0000	0.8812
1.075	2.5719	2.4819	2.4791	1.0000	1.0000	0.9069
1.100	2.4713	2.4463	2.3808	1.0000	1.0000	0.9225
1.125	2.4103	2.3314	2.2058	1.0000	1.0000	0.9325
1.150	2.3085	2.1890	2.0023	1.0000	0.9999	0.9392
1.175	2.1746	2.0299	1.7984	1.0000	0.9982	0.9437
1.200	2.0331	1.8658	1.6109	1.0000	0.9852	0.9470
1.225	1.7782	1.7210	1.4436	1.0000	0.9282	0.9493
1.250	1.7896	1.5828	1.3017	1.0000	0.7881	0.9509
1.275	1.6237	1.4603	1.1788	0.9998	0.5885	0.9521
1.300	1.5761	1.3533	1.0753	0.9992	0.4065	0.9529
1.325	1.4801	1.2576	0.9899	0.9946	0.2794	0.9534
1.350	1.3458	1.1798	0.9189	0.9732	0.1996	0.9537
1.375	1.2820	1.1045	0.8609	0.9096	0.1501	0.9539
1.400	1.2797	1.0461	0.8135	0.7833	0.1188	0.9538
1.425	1.2162	0.9929	0.7755	0.6149	0.0983	0.9537
1.450	1.1786	0.9476	0.7465	0.4543	0.0844	0.9534
1.475	1.1180	0.9093	0.7252	0.3305	0.0746	0.9530
1.500	1.0799	0.8785	0.7096	0.2444	0.0675	0.9526
1.525	1.0863	0.8481	0.7008	0.1866	0.0623	0.9521
1.550	1.0294	0.8252	0.6970	0.1478	0.0583	0.9515
1.575	0.9883	0.8059	0.6979	0.1212	0.0553	0.9509
1.600	0.9308	0.7916	0.7036	0.1025	0.0530	0.9502
1.625	0.9850	0.7764	0.7143	0.0891	0.0512	0.9496
1.650	0.8885	0.7686	0.7301	0.0791	0.0498	0.9489
1.675	0.8764	0.7626	0.7496	0.0715	0.0487	0.9482
1.700	0.8583	0.7580	0.7733	0.0657	0.0479	0.9476
1.725	0.8449	0.7569	0.8022	0.0611	0.0473	0.9470
1.750	0.8863	0.7585	0.8347	0.0575	0.0468	0.9465
1.775	0.8412	0.7610	0.8690	0.0547	0.0465	0.9460
1.800	0.7987	0.7659	0.9061	0.0523	0.0463	0.9456
1.825	0.8197	0.7747	0.9434	0.0504	0.0461	0.9453
1.850	0.8223	0.7858	0.9816	0.0488	0.0461	0.9451
1.875	0.8160	0.7993	1.0191	0.0475	0.0462	0.9451
1.900	0.7839	0.8101	1.0558	0.0464	0.0463	0.9451
1.925	0.8158	0.8233	1.0908	0.0456	0.0465	0.9453
1.950	0.8245	0.8402	1.1216	0.0449	0.0468	0.9455
1.975	0.7935	0.8599	1.1498	0.0443	0.0471	0.9458
2.000	0.7813	0.8774	1.1723	0.0438	0.0474	0.9462
2.025	0.7736	0.8955	1.1883	0.0434	0.0478	0.9467
2.050	0.7910	0.9100	1.1967	0.0431	0.0482	0.9471
2.075	0.7665	0.9341	1.1967	0.0428	0.0487	0.9476
2.100	0.7904	0.9549	1.1903	0.0426	0.0491	0.9481
2.125	0.7701	0.9729	1.1766	0.0425	0.0496	0.9485
2.150	0.7968	0.9919	1.1591	0.0424	0.0501	0.9490
2.175	0.7891	1.0154	1.1371	0.0424	0.0506	0.9493
2.200	0.7951	1.0345	1.1122	0.0424	0.0511	0.9497
2.225	0.7922	1.0533	1.0874	0.0424	0.0516	0.9499
2.250	0.8297	1.0749	1.0612	0.0425	0.0521	0.9502
2.275	0.8267	1.0957	1.0360	0.0426	0.0526	0.9504
2.300	0.8253	1.1110	1.0114	0.0428	0.0530	0.9505
2.325	0.8297	1.1231	0.9894	0.0430	0.0534	0.9506
2.350	0.8612	1.1363	0.9697	0.0432	0.0538	0.9506
2.375	0.8278	1.1450	0.9520	0.0434	0.0541	0.9506
2.400	0.8454	1.1506	0.9373	0.0436	0.0544	0.9506
2.425	0.8699	1.1508	0.9250	0.0438	0.0546	0.9506
2.450	0.8787	1.1483	0.9160	0.0441	0.0548	0.9505
2.475	0.8913	1.1420	0.9092	0.0444	0.0549	0.9504
2.500	0.8991	1.1348	0.9057	0.0447	0.0549	0.9503
2.525	0.8893	1.1243	0.9049	0.0449	0.0549	0.9502

2.550	0.9159	1.1144	0.9066	0.0452	0.0548	0.9501
2.575	0.9283	1.1010	0.9101	0.0456	0.0547	0.9499
2.600	0.9400	1.0864	0.9162	0.0459	0.0545	0.9498
2.625	0.9582	1.0701	0.9235	0.0462	0.0543	0.9497
2.650	0.9529	1.0524	0.9323	0.0466	0.0540	0.9495
2.675	0.9802	1.0433	0.9429	0.0469	0.0537	0.9494
2.700	0.9748	1.0253	0.9544	0.0473	0.0533	0.9493
2.725	1.0026	1.0118	0.9661	0.0476	0.0530	0.9493
2.750	1.0071	0.9993	0.9782	0.0480	0.0526	0.9492
2.775	1.0149	0.9871	0.9906	0.0483	0.0523	0.9492
2.800	1.0303	0.9759	1.0023	0.0486	0.0519	0.9491
2.825	1.0210	0.9653	1.0134	0.0490	0.0516	0.9491
2.850	1.0429	0.9576	1.0238	0.0493	0.0512	0.9491
2.875	1.0735	0.9519	1.0326	0.0496	0.0509	0.9492
2.900	1.0765	0.9437	1.0396	0.0499	0.0507	0.9492
2.925	1.0759	0.9378	1.0457	0.0502	0.0504	0.9493
2.950	1.0919	0.9352	1.0502	0.0505	0.0502	0.9493
2.975	1.1234	0.9331	1.0526	0.0508	0.0500	0.9494
3.000	1.1579	0.9322	1.0543	0.0511	0.0498	0.9495
3.025	1.1259	0.9319	1.0533	0.0514	0.0497	0.9496
3.050	1.1301	0.9318	1.0517	0.0517	0.0496	0.9496
3.075	1.1500	0.9328	1.0490	0.0519	0.0495	0.9497
3.100	1.1408	0.9354	1.0444	0.0521	0.0494	0.9498
3.125	1.1673	0.9381	1.0395	0.0523	0.0494	0.9498
3.150	1.1607	0.9419	1.0332	0.0525	0.0494	0.9499
3.175	1.1464	0.9472	1.0270	0.0527	0.0494	0.9499
3.200	1.1312	0.9506	1.0198	0.0528	0.0494	0.9500
3.225	1.1303	0.9582	1.0130	0.0529	0.0494	0.9500
3.250	1.1262	0.9626	1.0067	0.0530	0.0495	0.9500
3.275	1.1122	0.9702	0.9994	0.0530	0.0495	0.9500
3.300	1.0997	0.9746	0.9931	0.0530	0.0496	0.9500
3.325	1.1109	0.9829	0.9872	0.0530	0.0497	0.9500
3.350	1.1121	0.9902	0.9826	0.0530	0.0498	0.9500
3.375	1.1100	0.9952	0.9780	0.0530	0.0499	0.9500
3.400	1.0529	1.0012	0.9750	0.0529	0.0499	0.9499
3.425	1.0720	1.0067	0.9724	0.0528	0.0500	0.9499
3.450	1.0549	1.0122	0.9707	0.0527	0.0501	0.9499
3.475	1.0567	1.0172	0.9700	0.0525	0.0502	0.9499
3.500	1.0621	1.0224	0.9699	0.0524	0.0503	0.9499
3.525	1.0478	1.0255	0.9712	0.0523	0.0504	0.9498
3.550	1.0273	1.0297	0.9727	0.0521	0.0505	0.9498
3.575	1.0263	1.0338	0.9754	0.0519	0.0506	0.9498
3.600	1.0060	1.0364	0.9784	0.0517	0.0507	0.9498
3.625	0.9992	1.0373	0.9816	0.0515	0.0507	0.9498
3.650	0.9865	1.0386	0.9855	0.0514	0.0508	0.9498
3.675	1.0069	1.0395	0.9896	0.0512	0.0508	0.9498
3.700	0.9815	1.0386	0.9933	0.0510	0.0508	0.9498
3.725	0.9837	1.0391	0.9972	0.0508	0.0509	0.9498
3.750	0.9734	1.0351	1.0010	0.0506	0.0509	0.9498
3.775	0.9537	1.0327	1.0042	0.0505	0.0509	0.9498
3.800	0.9524	1.0315	1.0082	0.0503	0.0509	0.9498
3.825	0.9510	1.0287	1.0106	0.0501	0.0508	0.9498
3.850	0.9615	1.0237	1.0133	0.0500	0.0508	0.9498
3.875	0.9471	1.0231	1.0153	0.0499	0.0508	0.9499
3.900	0.9448	1.0177	1.0168	0.0497	0.0507	0.9499
3.925	0.9512	1.0164	1.0178	0.0496	0.0507	0.9499
3.950	0.9455	1.0122	1.0182	0.0495	0.0506	0.9499
3.975	0.9580	1.0074	1.0182	0.0494	0.0506	0.9499
4.000	1.0000	1.0000	1.0000	0.0494	0.0505	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.110 x_1= 0.0999 $\epsilon 22/\epsilon 11$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0005	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0102	0.0042	0.0015	1.0000	1.0000	0.0004
0.900	0.0846	0.0455	0.0239	1.0000	1.0000	0.0070
0.925	0.3202	0.2148	0.1545	1.0000	1.0000	0.0539
0.950	0.7486	0.6010	0.5148	1.0000	1.0000	0.1973
0.975	1.2851	1.1498	1.0934	1.0000	1.0000	0.4074
1.000	1.7813	1.7102	1.7086	1.0000	1.0000	0.5876
1.025	2.1025	2.1345	2.1803	1.0000	1.0000	0.7057
1.050	2.3781	2.3922	2.4228	1.0000	1.0000	0.7773
1.075	2.3735	2.4670	2.4630	1.0000	1.0000	0.8210
1.100	2.3772	2.4343	2.3660	1.0000	1.0000	0.8485
1.125	2.3431	2.3192	2.1934	1.0000	1.0000	0.8667
1.150	2.2183	2.1804	1.9927	1.0000	0.9999	0.8790
1.175	2.1398	2.0142	1.7919	1.0000	0.9991	0.8875
1.200	1.9613	1.8564	1.6066	1.0000	0.9930	0.8936
1.225	1.8569	1.7142	1.4405	1.0000	0.9650	0.8980
1.250	1.7480	1.5779	1.2983	1.0000	0.8879	0.9011
1.275	1.6739	1.4612	1.1779	1.0000	0.7525	0.9033
1.300	1.5567	1.3490	1.0760	0.9997	0.5926	0.9049
1.325	1.4708	1.2572	0.9917	0.9973	0.4516	0.9059
1.350	1.3865	1.1797	0.9222	0.9865	0.3462	0.9064
1.375	1.3043	1.1062	0.8657	0.9538	0.2728	0.9067
1.400	1.2579	1.0516	0.8200	0.8828	0.2227	0.9066
1.425	1.2214	0.9983	0.7841	0.7703	0.1881	0.9063
1.450	1.1736	0.9529	0.7546	0.6367	0.1637	0.9059
1.475	1.1450	0.9136	0.7347	0.5097	0.1462	0.9052
1.500	1.0889	0.8813	0.7197	0.4054	0.1333	0.9044
1.525	1.0299	0.8530	0.7105	0.3261	0.1237	0.9034
1.550	1.0120	0.8313	0.7076	0.2679	0.1164	0.9024
1.575	0.9795	0.8101	0.7092	0.2254	0.1108	0.9013
1.600	0.9479	0.7945	0.7157	0.1941	0.1064	0.9002
1.625	0.9312	0.7833	0.7258	0.1709	0.1030	0.8990
1.650	0.9325	0.7754	0.7392	0.1533	0.1003	0.8978
1.675	0.8997	0.7689	0.7588	0.1399	0.0982	0.8966
1.700	0.8775	0.7670	0.7813	0.1293	0.0967	0.8955
1.725	0.8881	0.7660	0.8075	0.1210	0.0954	0.8944
1.750	0.8362	0.7690	0.8382	0.1143	0.0946	0.8934
1.775	0.8378	0.7722	0.8703	0.1089	0.0939	0.8925
1.800	0.8124	0.7785	0.9051	0.1045	0.0936	0.8918
1.825	0.8119	0.7820	0.9407	0.1008	0.0934	0.8913
1.850	0.8183	0.7917	0.9772	0.0978	0.0933	0.8909
1.875	0.7924	0.8015	1.0135	0.0954	0.0934	0.8907
1.900	0.7742	0.8137	1.0499	0.0933	0.0937	0.8908
1.925	0.7877	0.8285	1.0832	0.0915	0.0940	0.8910
1.950	0.7741	0.8410	1.1136	0.0901	0.0945	0.8915
1.975	0.7769	0.8592	1.1409	0.0889	0.0950	0.8920
2.000	0.7799	0.8764	1.1637	0.0880	0.0956	0.8927
2.025	0.7819	0.8959	1.1801	0.0872	0.0963	0.8935
2.050	0.7864	0.9123	1.1875	0.0866	0.0971	0.8944
2.075	0.7934	0.9318	1.1902	0.0861	0.0979	0.8953
2.100	0.7965	0.9520	1.1838	0.0858	0.0987	0.8961
2.125	0.7859	0.9711	1.1716	0.0856	0.0996	0.8969
2.150	0.7951	0.9879	1.1545	0.0855	0.1004	0.8977
2.175	0.7841	1.0098	1.1337	0.0854	0.1013	0.8984
2.200	0.8012	1.0270	1.1109	0.0854	0.1022	0.8990
2.225	0.7886	1.0478	1.0856	0.0855	0.1031	0.8995
2.250	0.8109	1.0665	1.0603	0.0856	0.1040	0.9000
2.275	0.8227	1.0853	1.0364	0.0858	0.1048	0.9003
2.300	0.8241	1.1031	1.0132	0.0861	0.1056	0.9006
2.325	0.8363	1.1168	0.9917	0.0864	0.1064	0.9007
2.350	0.8362	1.1289	0.9728	0.0868	0.1070	0.9008
2.375	0.8395	1.1397	0.9555	0.0871	0.1077	0.9009
2.400	0.8454	1.1472	0.9418	0.0876	0.1082	0.9008
2.425	0.8637	1.1477	0.9300	0.0880	0.1086	0.9008
2.450	0.8678	1.1467	0.9213	0.0885	0.1089	0.9006
2.475	0.8796	1.1423	0.9150	0.0890	0.1092	0.9005
2.500	0.8936	1.1351	0.9119	0.0895	0.1093	0.9003
2.525	0.8949	1.1251	0.9114	0.0901	0.1092	0.9001

2.550	0.9076	1.1142	0.9127	0.0907	0.1091	0.8999
2.575	0.9197	1.1005	0.9161	0.0912	0.1089	0.8996
2.600	0.9213	1.0870	0.9213	0.0918	0.1085	0.8994
2.625	0.9358	1.0713	0.9286	0.0924	0.1081	0.8992
2.650	0.9455	1.0562	0.9369	0.0930	0.1076	0.8990
2.675	0.9500	1.0429	0.9461	0.0936	0.1071	0.8988
2.700	0.9573	1.0271	0.9566	0.0942	0.1065	0.8986
2.725	0.9916	1.0133	0.9677	0.0948	0.1058	0.8985
2.750	1.0059	0.9999	0.9793	0.0955	0.1052	0.8984
2.775	1.0051	0.9892	0.9897	0.0961	0.1045	0.8983
2.800	1.0243	0.9785	1.0002	0.0967	0.1039	0.8983
2.825	1.0184	0.9686	1.0108	0.0974	0.1033	0.8982
2.850	1.0448	0.9608	1.0205	0.0980	0.1027	0.8983
2.875	1.0610	0.9529	1.0287	0.0986	0.1021	0.8983
2.900	1.0728	0.9467	1.0360	0.0992	0.1016	0.8984
2.925	1.0825	0.9425	1.0418	0.0998	0.1011	0.8984
2.950	1.0860	0.9401	1.0457	0.1004	0.1007	0.8985
2.975	1.0847	0.9344	1.0487	0.1009	0.1004	0.8987
3.000	1.1098	0.9334	1.0503	0.1014	0.1000	0.8988
3.025	1.1008	0.9335	1.0503	0.1019	0.0998	0.8990
3.050	1.1198	0.9336	1.0485	0.1023	0.0996	0.8991
3.075	1.1154	0.9357	1.0460	0.1028	0.0994	0.8992
3.100	1.1106	0.9361	1.0423	0.1031	0.0993	0.8993
3.125	1.1308	0.9402	1.0372	0.1035	0.0992	0.8994
3.150	1.1163	0.9440	1.0319	0.1038	0.0991	0.8995
3.175	1.1193	0.9495	1.0264	0.1041	0.0991	0.8996
3.200	1.1060	0.9529	1.0203	0.1043	0.0992	0.8997
3.225	1.1131	0.9582	1.0135	0.1044	0.0992	0.8997
3.250	1.1032	0.9649	1.0066	0.1046	0.0993	0.8998
3.275	1.1043	0.9710	1.0011	0.1047	0.0994	0.8998
3.300	1.0769	0.9748	0.9951	0.1047	0.0995	0.8998
3.325	1.0781	0.9815	0.9893	0.1047	0.0997	0.8998
3.350	1.0845	0.9896	0.9850	0.1046	0.0998	0.8997
3.375	1.0687	0.9946	0.9809	0.1045	0.1000	0.8997
3.400	1.0675	1.0002	0.9778	0.1044	0.1001	0.8997
3.425	1.0640	1.0056	0.9757	0.1043	0.1003	0.8997
3.450	1.0410	1.0098	0.9739	0.1041	0.1005	0.8996
3.475	1.0365	1.0140	0.9731	0.1038	0.1006	0.8996
3.500	1.0242	1.0189	0.9735	0.1036	0.1008	0.8995
3.525	1.0255	1.0226	0.9737	0.1033	0.1010	0.8995
3.550	1.0174	1.0260	0.9755	0.1030	0.1011	0.8995
3.575	1.0035	1.0296	0.9778	0.1027	0.1012	0.8994
3.600	0.9965	1.0322	0.9805	0.1023	0.1014	0.8994
3.625	0.9998	1.0347	0.9828	0.1020	0.1015	0.8994
3.650	0.9944	1.0359	0.9858	0.1016	0.1016	0.8994
3.675	0.9826	1.0370	0.9901	0.1013	0.1016	0.8994
3.700	0.9898	1.0369	0.9932	0.1010	0.1017	0.8994
3.725	0.9774	1.0373	0.9969	0.1007	0.1017	0.8994
3.750	0.9690	1.0334	1.0006	0.1004	0.1018	0.8994
3.775	0.9566	1.0330	1.0039	0.1001	0.1018	0.8994
3.800	0.9643	1.0320	1.0072	0.0998	0.1017	0.8994
3.825	0.9711	1.0294	1.0098	0.0995	0.1017	0.8995
3.850	0.9546	1.0263	1.0121	0.0993	0.1017	0.8995
3.875	0.9612	1.0221	1.0137	0.0990	0.1016	0.8995
3.900	0.9556	1.0196	1.0149	0.0988	0.1016	0.8996
3.925	0.9455	1.0161	1.0159	0.0986	0.1015	0.8996
3.950	0.9547	1.0135	1.0158	0.0984	0.1014	0.8996
3.975	0.9471	1.0101	1.0167	0.0983	0.1013	0.8997
4.000	1.0000	1.0000	1.0000	0.0982	0.1012	0.8997

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=2.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.126$ $x_1=0.2500$ $\epsilon_{22}/\epsilon_{11}=1.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0006	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0111	0.0040	0.0014	1.0000	1.0000	0.0001
0.900	0.0835	0.0435	0.0238	1.0000	1.0000	0.0023
0.925	0.3179	0.2124	0.1507	1.0000	1.0000	0.0185
0.950	0.7389	0.5899	0.4996	1.0000	1.0000	0.0747
0.975	1.2685	1.1344	1.0643	1.0000	1.0000	0.1840
1.000	1.7750	1.6822	1.6657	1.0000	1.0000	0.3185
1.025	2.1644	2.1083	2.1232	1.0000	1.0000	0.4402
1.050	2.3642	2.3478	2.3630	1.0000	1.0000	0.5335
1.075	2.4404	2.4274	2.4064	1.0000	1.0000	0.6004
1.100	2.4373	2.3909	2.3131	1.0000	1.0000	0.6473
1.125	2.3521	2.2854	2.1499	1.0000	1.0000	0.6804
1.150	2.2465	2.1464	1.9570	1.0000	1.0000	0.7039
1.175	2.1292	1.9939	1.7668	1.0000	0.9997	0.7209
1.200	2.0112	1.8382	1.5878	1.0000	0.9977	0.7332
1.225	1.9072	1.6934	1.4281	1.0000	0.9881	0.7422
1.250	1.7625	1.5602	1.2911	1.0000	0.9600	0.7486
1.275	1.6770	1.4486	1.1759	1.0000	0.9025	0.7532
1.300	1.5610	1.3476	1.0790	0.9999	0.8160	0.7564
1.325	1.4877	1.2529	0.9993	0.9992	0.7151	0.7585
1.350	1.4140	1.1768	0.9326	0.9958	0.6175	0.7597
1.375	1.3575	1.1114	0.8791	0.9848	0.5337	0.7603
1.400	1.2726	1.0536	0.8352	0.9589	0.4665	0.7602
1.425	1.2031	0.9995	0.8032	0.9122	0.4142	0.7597
1.450	1.1745	0.9557	0.7793	0.8441	0.3741	0.7588
1.475	1.1233	0.9212	0.7613	0.7622	0.3433	0.7576
1.500	1.0868	0.8918	0.7514	0.6774	0.3196	0.7562
1.525	1.0517	0.8666	0.7459	0.5984	0.3013	0.7546
1.550	1.0200	0.8464	0.7446	0.5297	0.2869	0.7529
1.575	0.9896	0.8294	0.7471	0.4726	0.2757	0.7510
1.600	0.9542	0.8165	0.7530	0.4260	0.2668	0.7491
1.625	0.9371	0.8077	0.7622	0.3884	0.2598	0.7471
1.650	0.9176	0.8033	0.7720	0.3581	0.2544	0.7451
1.675	0.9008	0.7975	0.7873	0.3336	0.2501	0.7431
1.700	0.8852	0.7928	0.8049	0.3138	0.2468	0.7411
1.725	0.8808	0.7939	0.8256	0.2976	0.2442	0.7392
1.750	0.8536	0.7970	0.8499	0.2843	0.2424	0.7374
1.775	0.8419	0.7975	0.8772	0.2732	0.2411	0.7358
1.800	0.8366	0.8041	0.9052	0.2640	0.2403	0.7345
1.825	0.8352	0.8095	0.9349	0.2565	0.2398	0.7335
1.850	0.8260	0.8136	0.9668	0.2502	0.2397	0.7327
1.875	0.8097	0.8237	0.9997	0.2449	0.2399	0.7324
1.900	0.8098	0.8321	1.0303	0.2405	0.2403	0.7324
1.925	0.8128	0.8425	1.0609	0.2368	0.2409	0.7327
1.950	0.8069	0.8575	1.0906	0.2337	0.2417	0.7334
1.975	0.8072	0.8691	1.1162	0.2312	0.2427	0.7344
2.000	0.7982	0.8826	1.1375	0.2291	0.2438	0.7356
2.025	0.8046	0.8958	1.1533	0.2274	0.2450	0.7370
2.050	0.7995	0.9114	1.1626	0.2261	0.2462	0.7385
2.075	0.8076	0.9299	1.1649	0.2250	0.2476	0.7401
2.100	0.8065	0.9442	1.1617	0.2243	0.2490	0.7416
2.125	0.8041	0.9627	1.1521	0.2237	0.2504	0.7432
2.150	0.8075	0.9786	1.1373	0.2233	0.2519	0.7446
2.175	0.8117	0.9980	1.1208	0.2232	0.2534	0.7458
2.200	0.8214	1.0140	1.1007	0.2232	0.2549	0.7470
2.225	0.8216	1.0336	1.0791	0.2234	0.2564	0.7480
2.250	0.8205	1.0514	1.0578	0.2236	0.2579	0.7488
2.275	0.8369	1.0697	1.0368	0.2240	0.2594	0.7494
2.300	0.8305	1.0858	1.0171	0.2245	0.2608	0.7499
2.325	0.8331	1.0999	0.9988	0.2250	0.2621	0.7503
2.350	0.8481	1.1124	0.9813	0.2257	0.2634	0.7505
2.375	0.8485	1.1204	0.9669	0.2264	0.2645	0.7506
2.400	0.8563	1.1242	0.9554	0.2271	0.2655	0.7506
2.425	0.8634	1.1290	0.9453	0.2279	0.2663	0.7505
2.450	0.8738	1.1289	0.9377	0.2288	0.2669	0.7504
2.475	0.8844	1.1242	0.9331	0.2297	0.2674	0.7501
2.500	0.8803	1.1184	0.9301	0.2307	0.2676	0.7498
2.525	0.8938	1.1102	0.9305	0.2316	0.2676	0.7495

2.550	0.9084	1.1019	0.9316	0.2326	0.2675	0.7492
2.575	0.9199	1.0894	0.9340	0.2337	0.2671	0.7488
2.600	0.9272	1.0767	0.9369	0.2348	0.2666	0.7485
2.625	0.9351	1.0645	0.9435	0.2359	0.2659	0.7482
2.650	0.9415	1.0523	0.9486	0.2370	0.2650	0.7479
2.675	0.9449	1.0398	0.9561	0.2381	0.2641	0.7476
2.700	0.9605	1.0275	0.9629	0.2391	0.2630	0.7473
2.725	0.9733	1.0154	0.9712	0.2402	0.2619	0.7471
2.750	0.9764	1.0053	0.9802	0.2413	0.2607	0.7469
2.775	0.9903	0.9940	0.9897	0.2424	0.2595	0.7467
2.800	0.9949	0.9854	0.9972	0.2435	0.2584	0.7466
2.825	1.0045	0.9767	1.0058	0.2446	0.2572	0.7466
2.850	1.0204	0.9696	1.0138	0.2457	0.2561	0.7466
2.875	1.0371	0.9634	1.0198	0.2467	0.2551	0.7467
2.900	1.0383	0.9587	1.0254	0.2478	0.2542	0.7468
2.925	1.0421	0.9532	1.0308	0.2488	0.2533	0.7469
2.950	1.0623	0.9507	1.0343	0.2498	0.2525	0.7471
2.975	1.0721	0.9488	1.0369	0.2507	0.2518	0.7472
3.000	1.0750	0.9472	1.0395	0.2517	0.2512	0.7475
3.025	1.0792	0.9467	1.0397	0.2526	0.2507	0.7477
3.050	1.0861	0.9470	1.0386	0.2534	0.2503	0.7480
3.075	1.0881	0.9478	1.0372	0.2542	0.2500	0.7482
3.100	1.0996	0.9498	1.0344	0.2549	0.2497	0.7484
3.125	1.1053	0.9507	1.0314	0.2556	0.2495	0.7486
3.150	1.0990	0.9540	1.0273	0.2562	0.2494	0.7487
3.175	1.0956	0.9585	1.0232	0.2568	0.2494	0.7489
3.200	1.1023	0.9605	1.0183	0.2572	0.2494	0.7490
3.225	1.1002	0.9649	1.0131	0.2576	0.2494	0.7491
3.250	1.0967	0.9685	1.0073	0.2579	0.2496	0.7492
3.275	1.0986	0.9732	1.0039	0.2582	0.2497	0.7492
3.300	1.0831	0.9790	0.9993	0.2584	0.2499	0.7492
3.325	1.0874	0.9826	0.9951	0.2584	0.2501	0.7492
3.350	1.0707	0.9858	0.9908	0.2584	0.2503	0.7492
3.375	1.0678	0.9921	0.9872	0.2583	0.2506	0.7492
3.400	1.0571	0.9974	0.9854	0.2582	0.2508	0.7491
3.425	1.0495	1.0008	0.9836	0.2579	0.2511	0.7491
3.450	1.0472	1.0048	0.9810	0.2576	0.2513	0.7491
3.475	1.0396	1.0078	0.9811	0.2572	0.2516	0.7490
3.500	1.0316	1.0117	0.9810	0.2568	0.2518	0.7489
3.525	1.0228	1.0160	0.9818	0.2563	0.2521	0.7489
3.550	1.0097	1.0187	0.9830	0.2557	0.2523	0.7488
3.575	1.0126	1.0219	0.9845	0.2552	0.2525	0.7488
3.600	0.9998	1.0250	0.9858	0.2546	0.2527	0.7488
3.625	0.9916	1.0270	0.9886	0.2540	0.2529	0.7487
3.650	0.9895	1.0285	0.9901	0.2533	0.2530	0.7487
3.675	0.9880	1.0279	0.9937	0.2527	0.2532	0.7487
3.700	0.9855	1.0290	0.9956	0.2521	0.2533	0.7487
3.725	0.9781	1.0289	0.9981	0.2516	0.2533	0.7487
3.750	0.9759	1.0275	1.0005	0.2510	0.2534	0.7488
3.775	0.9739	1.0262	1.0028	0.2504	0.2534	0.7488
3.800	0.9731	1.0246	1.0043	0.2499	0.2534	0.7488
3.825	0.9692	1.0244	1.0069	0.2494	0.2534	0.7489
3.850	0.9681	1.0211	1.0082	0.2490	0.2533	0.7489
3.875	0.9636	1.0185	1.0093	0.2486	0.2532	0.7490
3.900	0.9619	1.0173	1.0105	0.2482	0.2531	0.7490
3.925	0.9640	1.0155	1.0109	0.2478	0.2530	0.7491
3.950	0.9637	1.0123	1.0120	0.2475	0.2529	0.7491
3.975	0.9661	1.0080	1.0114	0.2472	0.2527	0.7492
4.000	1.0000	1.0000	1.0000	0.2471	0.2525	0.7492

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.165 x_1= 0.5000 $\epsilon 22/\epsilon 11$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0006	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0114	0.0039	0.0012	1.0000	1.0000	0.0000
0.900	0.0808	0.0413	0.0203	1.0000	1.0000	0.0007
0.925	0.2972	0.1974	0.1324	1.0000	1.0000	0.0057
0.950	0.7025	0.5499	0.4469	1.0000	1.0000	0.0243
0.975	1.2063	1.0593	0.9561	1.0000	1.0000	0.0655
1.000	1.6865	1.5758	1.5050	1.0000	1.0000	0.1271
1.025	2.0531	1.9816	1.9318	1.0000	1.0000	0.1971
1.050	2.2652	2.2248	2.1682	1.0000	1.0000	0.2635
1.075	2.3613	2.3120	2.2269	1.0000	1.0000	0.3201
1.100	2.3568	2.2797	2.1628	1.0000	1.0000	0.3655
1.125	2.2922	2.1882	2.0285	1.0000	1.0000	0.4009
1.150	2.1864	2.0604	1.8681	1.0000	1.0000	0.4281
1.175	2.0808	1.9149	1.7010	1.0000	0.9999	0.4488
1.200	1.9597	1.7760	1.5409	1.0000	0.9993	0.4643
1.225	1.8458	1.6435	1.4010	1.0000	0.9964	0.4760
1.250	1.7320	1.5230	1.2821	1.0000	0.9874	0.4846
1.275	1.6336	1.4194	1.1763	1.0000	0.9677	0.4907
1.300	1.5416	1.3253	1.0888	1.0000	0.9345	0.4951
1.325	1.4617	1.2418	1.0207	0.9997	0.8897	0.4980
1.350	1.3831	1.1699	0.9636	0.9986	0.8381	0.4998
1.375	1.3260	1.1119	0.9164	0.9950	0.7857	0.5008
1.400	1.2716	1.0603	0.8841	0.9865	0.7365	0.5011
1.425	1.2110	1.0126	0.8616	0.9702	0.6930	0.5010
1.450	1.1735	0.9797	0.8459	0.9444	0.6558	0.5007
1.475	1.1338	0.9480	0.8382	0.9096	0.6248	0.5001
1.500	1.0871	0.9227	0.8334	0.8683	0.5991	0.4993
1.525	1.0515	0.9021	0.8335	0.8238	0.5780	0.4984
1.550	1.0292	0.8869	0.8369	0.7794	0.5609	0.4975
1.575	1.0024	0.8746	0.8390	0.7374	0.5469	0.4964
1.600	0.9844	0.8671	0.8434	0.6991	0.5357	0.4954
1.625	0.9600	0.8637	0.8439	0.6653	0.5266	0.4941
1.650	0.9359	0.8596	0.8514	0.6358	0.5194	0.4929
1.675	0.9282	0.8609	0.8560	0.6104	0.5137	0.4915
1.700	0.9102	0.8611	0.8621	0.5886	0.5093	0.4901
1.725	0.8966	0.8606	0.8721	0.5699	0.5059	0.4887
1.750	0.8915	0.8637	0.8815	0.5541	0.5033	0.4873
1.775	0.8828	0.8635	0.8941	0.5407	0.5015	0.4859
1.800	0.8740	0.8680	0.9105	0.5292	0.5002	0.4846
1.825	0.8679	0.8671	0.9279	0.5195	0.4994	0.4836
1.850	0.8683	0.8709	0.9473	0.5113	0.4990	0.4827
1.875	0.8606	0.8738	0.9691	0.5044	0.4989	0.4822
1.900	0.8669	0.8756	0.9909	0.4985	0.4990	0.4819
1.925	0.8649	0.8805	1.0125	0.4936	0.4992	0.4820
1.950	0.8587	0.8854	1.0344	0.4895	0.4996	0.4824
1.975	0.8625	0.8940	1.0562	0.4861	0.5001	0.4830
2.000	0.8610	0.9001	1.0735	0.4834	0.5007	0.4839
2.025	0.8673	0.9075	1.0876	0.4812	0.5014	0.4850
2.050	0.8645	0.9171	1.0976	0.4794	0.5021	0.4863
2.075	0.8681	0.9249	1.1051	0.4780	0.5028	0.4877
2.100	0.8695	0.9373	1.1052	0.4770	0.5036	0.4891
2.125	0.8679	0.9476	1.1010	0.4763	0.5044	0.4904
2.150	0.8724	0.9618	1.0946	0.4759	0.5052	0.4917
2.175	0.8726	0.9711	1.0859	0.4756	0.5062	0.4929
2.200	0.8742	0.9848	1.0764	0.4756	0.5071	0.4940
2.225	0.8690	0.9984	1.0628	0.4757	0.5081	0.4950
2.250	0.8727	1.0125	1.0483	0.4759	0.5091	0.4959
2.275	0.8757	1.0261	1.0359	0.4763	0.5102	0.4965
2.300	0.8786	1.0412	1.0243	0.4767	0.5113	0.4971
2.325	0.8833	1.0520	1.0112	0.4773	0.5124	0.4976
2.350	0.8880	1.0649	1.0010	0.4779	0.5134	0.4979
2.375	0.8858	1.0729	0.9928	0.4786	0.5145	0.4981
2.400	0.8926	1.0773	0.9842	0.4793	0.5154	0.4983
2.425	0.8934	1.0814	0.9776	0.4801	0.5162	0.4983
2.450	0.8991	1.0849	0.9717	0.4809	0.5169	0.4983
2.475	0.9028	1.0832	0.9691	0.4817	0.5175	0.4983
2.500	0.9092	1.0780	0.9684	0.4825	0.5178	0.4982
2.525	0.9177	1.0763	0.9648	0.4834	0.5180	0.4981

2.550	0.9232	1.0703	0.9660	0.4842	0.5181	0.4979
2.575	0.9292	1.0632	0.9679	0.4851	0.5179	0.4978
2.600	0.9328	1.0572	0.9683	0.4860	0.5176	0.4976
2.625	0.9392	1.0494	0.9709	0.4869	0.5172	0.4975
2.650	0.9479	1.0408	0.9734	0.4878	0.5166	0.4973
2.675	0.9524	1.0328	0.9764	0.4887	0.5158	0.4972
2.700	0.9611	1.0248	0.9789	0.4897	0.5150	0.4970
2.725	0.9702	1.0168	0.9829	0.4906	0.5140	0.4969
2.750	0.9762	1.0098	0.9862	0.4916	0.5130	0.4968
2.775	0.9823	1.0044	0.9896	0.4926	0.5120	0.4968
2.800	0.9895	0.9988	0.9913	0.4935	0.5109	0.4967
2.825	0.9985	0.9920	0.9964	0.4945	0.5099	0.4967
2.850	1.0074	0.9888	1.0008	0.4955	0.5089	0.4967
2.875	1.0128	0.9850	1.0045	0.4965	0.5079	0.4967
2.900	1.0262	0.9835	1.0066	0.4975	0.5071	0.4967
2.925	1.0358	0.9799	1.0100	0.4985	0.5062	0.4968
2.950	1.0419	0.9792	1.0126	0.4996	0.5055	0.4969
2.975	1.0481	0.9754	1.0137	0.5005	0.5048	0.4970
3.000	1.0549	0.9750	1.0171	0.5015	0.5041	0.4971
3.025	1.0632	0.9742	1.0174	0.5025	0.5036	0.4973
3.050	1.0669	0.9730	1.0181	0.5034	0.5032	0.4975
3.075	1.0690	0.9736	1.0197	0.5043	0.5028	0.4977
3.100	1.0738	0.9742	1.0193	0.5051	0.5024	0.4978
3.125	1.0768	0.9738	1.0188	0.5059	0.5022	0.4980
3.150	1.0782	0.9773	1.0163	0.5066	0.5020	0.4982
3.175	1.0783	0.9774	1.0148	0.5073	0.5018	0.4983
3.200	1.0762	0.9782	1.0133	0.5079	0.5017	0.4984
3.225	1.0762	0.9804	1.0114	0.5084	0.5017	0.4985
3.250	1.0744	0.9823	1.0094	0.5089	0.5017	0.4986
3.275	1.0704	0.9839	1.0070	0.5092	0.5017	0.4987
3.300	1.0677	0.9847	1.0042	0.5095	0.5017	0.4988
3.325	1.0662	0.9875	1.0022	0.5097	0.5018	0.4988
3.350	1.0595	0.9884	1.0002	0.5099	0.5019	0.4988
3.375	1.0563	0.9917	0.9991	0.5099	0.5020	0.4989
3.400	1.0520	0.9932	0.9978	0.5099	0.5021	0.4989
3.425	1.0487	0.9949	0.9966	0.5098	0.5022	0.4989
3.450	1.0424	0.9975	0.9969	0.5096	0.5023	0.4989
3.475	1.0390	0.9998	0.9956	0.5094	0.5024	0.4989
3.500	1.0338	1.0021	0.9954	0.5091	0.5025	0.4989
3.525	1.0310	1.0050	0.9943	0.5088	0.5026	0.4989
3.550	1.0233	1.0060	0.9953	0.5083	0.5028	0.4989
3.575	1.0218	1.0072	0.9949	0.5079	0.5029	0.4989
3.600	1.0165	1.0079	0.9952	0.5074	0.5030	0.4989
3.625	1.0120	1.0097	0.9965	0.5069	0.5030	0.4989
3.650	1.0085	1.0100	0.9961	0.5064	0.5031	0.4989
3.675	1.0051	1.0119	0.9963	0.5059	0.5032	0.4989
3.700	1.0050	1.0124	0.9968	0.5054	0.5032	0.4989
3.725	0.9983	1.0133	0.9991	0.5048	0.5033	0.4989
3.750	1.0000	1.0121	0.9993	0.5043	0.5033	0.4989
3.775	0.9946	1.0136	1.0001	0.5039	0.5033	0.4989
3.800	0.9922	1.0129	1.0011	0.5034	0.5033	0.4990
3.825	0.9898	1.0132	1.0030	0.5029	0.5033	0.4990
3.850	0.9900	1.0125	1.0029	0.5025	0.5033	0.4990
3.875	0.9888	1.0109	1.0038	0.5021	0.5033	0.4991
3.900	0.9886	1.0106	1.0050	0.5017	0.5032	0.4991
3.925	0.9855	1.0093	1.0044	0.5013	0.5031	0.4991
3.950	0.9871	1.0078	1.0046	0.5010	0.5031	0.4992
3.975	0.9846	1.0066	1.0045	0.5007	0.5030	0.4992
4.000	1.0000	1.0000	1.0000	0.5005	0.5029	0.4992

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.244 x_1= 0.7500 $\epsilon 22/\epsilon 11$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0004	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0099	0.0035	0.0011	1.0000	1.0000	0.0000
0.900	0.0740	0.0368	0.0166	1.0000	1.0000	0.0002
0.925	0.2697	0.1780	0.1062	1.0000	1.0000	0.0017
0.950	0.6392	0.5013	0.3625	1.0000	1.0000	0.0072
0.975	1.1019	0.9576	0.7849	1.0000	1.0000	0.0200
1.000	1.5424	1.4333	1.2516	1.0000	1.0000	0.0409
1.025	1.8656	1.8123	1.6209	1.0000	1.0000	0.0673
1.050	2.0807	2.0294	1.8459	1.0000	1.0000	0.0955
1.075	2.1589	2.1206	1.9086	1.0000	1.0000	0.1223
1.100	2.1609	2.1046	1.8810	1.0000	1.0000	0.1460
1.125	2.1021	2.0292	1.7786	1.0000	1.0000	0.1659
1.150	2.0160	1.9211	1.6567	1.0000	1.0000	0.1822
1.175	1.9197	1.8013	1.5262	1.0000	1.0000	0.1951
1.200	1.8111	1.6740	1.4109	1.0000	0.9998	0.2052
1.225	1.7108	1.5604	1.3033	1.0000	0.9989	0.2129
1.250	1.6202	1.4536	1.2017	1.0000	0.9963	0.2187
1.275	1.5287	1.3614	1.1264	1.0000	0.9904	0.2229
1.300	1.4496	1.2785	1.0673	1.0000	0.9800	0.2259
1.325	1.3826	1.2067	1.0161	0.9999	0.9650	0.2281
1.350	1.3166	1.1489	0.9795	0.9995	0.9464	0.2297
1.375	1.2594	1.0966	0.9532	0.9984	0.9257	0.2308
1.400	1.2055	1.0528	0.9356	0.9956	0.9045	0.2316
1.425	1.1584	1.0180	0.9265	0.9901	0.8841	0.2323
1.450	1.1229	0.9890	0.9341	0.9812	0.8654	0.2329
1.475	1.0874	0.9674	0.9415	0.9688	0.8487	0.2337
1.500	1.0521	0.9495	0.9485	0.9532	0.8341	0.2345
1.525	1.0272	0.9376	0.9621	0.9352	0.8216	0.2354
1.550	1.0046	0.9332	0.9703	0.9160	0.8110	0.2363
1.575	0.9844	0.9302	0.9768	0.8967	0.8022	0.2372
1.600	0.9615	0.9340	0.9819	0.8779	0.7948	0.2380
1.625	0.9482	0.9363	0.9749	0.8602	0.7888	0.2388
1.650	0.9352	0.9452	0.9750	0.8439	0.7839	0.2394
1.675	0.9231	0.9506	0.9716	0.8292	0.7801	0.2399
1.700	0.9140	0.9567	0.9667	0.8160	0.7771	0.2402
1.725	0.9054	0.9607	0.9587	0.8043	0.7747	0.2404
1.750	0.9021	0.9623	0.9513	0.7941	0.7729	0.2404
1.775	0.8994	0.9638	0.9517	0.7851	0.7714	0.2404
1.800	0.8944	0.9648	0.9482	0.7774	0.7703	0.2402
1.825	0.8938	0.9626	0.9519	0.7707	0.7695	0.2401
1.850	0.8956	0.9619	0.9545	0.7650	0.7688	0.2399
1.875	0.8959	0.9566	0.9603	0.7601	0.7682	0.2398
1.900	0.9024	0.9534	0.9723	0.7560	0.7677	0.2397
1.925	0.9071	0.9487	0.9784	0.7525	0.7672	0.2398
1.950	0.9132	0.9447	0.9918	0.7497	0.7667	0.2399
1.975	0.9174	0.9431	1.0014	0.7474	0.7661	0.2401
2.000	0.9240	0.9406	1.0131	0.7455	0.7655	0.2404
2.025	0.9280	0.9434	1.0206	0.7440	0.7649	0.2408
2.050	0.9342	0.9421	1.0329	0.7429	0.7642	0.2413
2.075	0.9377	0.9448	1.0367	0.7421	0.7635	0.2418
2.100	0.9383	0.9474	1.0408	0.7415	0.7628	0.2423
2.125	0.9419	0.9495	1.0422	0.7412	0.7622	0.2429
2.150	0.9428	0.9551	1.0411	0.7410	0.7616	0.2434
2.175	0.9418	0.9614	1.0372	0.7409	0.7611	0.2439
2.200	0.9412	0.9651	1.0336	0.7409	0.7606	0.2444
2.225	0.9399	0.9727	1.0276	0.7411	0.7602	0.2448
2.250	0.9411	0.9816	1.0258	0.7413	0.7599	0.2451
2.275	0.9368	0.9889	1.0193	0.7415	0.7597	0.2455
2.300	0.9387	0.9957	1.0157	0.7417	0.7596	0.2457
2.325	0.9375	1.0039	1.0086	0.7420	0.7596	0.2460
2.350	0.9346	1.0095	1.0069	0.7423	0.7596	0.2461
2.375	0.9353	1.0186	1.0001	0.7425	0.7596	0.2463
2.400	0.9329	1.0223	0.9997	0.7427	0.7598	0.2464
2.425	0.9320	1.0247	0.9972	0.7429	0.7599	0.2465
2.450	0.9329	1.0257	0.9956	0.7431	0.7600	0.2466
2.475	0.9337	1.0285	0.9935	0.7433	0.7601	0.2467
2.500	0.9352	1.0275	0.9929	0.7434	0.7602	0.2468
2.525	0.9335	1.0281	0.9930	0.7435	0.7603	0.2468

2.550	0.9357	1.0266	0.9968	0.7435	0.7603	0.2469
2.575	0.9399	1.0242	0.9948	0.7436	0.7602	0.2470
2.600	0.9408	1.0218	0.9963	0.7437	0.7601	0.2471
2.625	0.9439	1.0202	0.9982	0.7437	0.7599	0.2472
2.650	0.9485	1.0160	0.9992	0.7438	0.7597	0.2472
2.675	0.9491	1.0149	0.9977	0.7439	0.7595	0.2473
2.700	0.9540	1.0104	1.0006	0.7440	0.7592	0.2474
2.725	0.9567	1.0072	1.0015	0.7441	0.7588	0.2474
2.750	0.9637	1.0069	1.0014	0.7443	0.7585	0.2475
2.775	0.9666	1.0032	1.0043	0.7444	0.7581	0.2476
2.800	0.9729	1.0011	1.0029	0.7446	0.7577	0.2477
2.825	0.9766	0.9992	1.0017	0.7449	0.7572	0.2477
2.850	0.9834	0.9990	1.0034	0.7451	0.7568	0.2478
2.875	0.9866	0.9977	1.0015	0.7454	0.7564	0.2478
2.900	0.9950	0.9980	1.0018	0.7457	0.7561	0.2479
2.925	0.9992	0.9952	1.0039	0.7461	0.7557	0.2479
2.950	1.0040	0.9976	1.0042	0.7465	0.7554	0.2480
2.975	1.0068	0.9965	1.0067	0.7469	0.7551	0.2481
3.000	1.0145	0.9974	1.0040	0.7473	0.7549	0.2481
3.025	1.0210	0.9976	1.0053	0.7477	0.7546	0.2482
3.050	1.0240	0.9963	1.0051	0.7481	0.7544	0.2483
3.075	1.0293	0.9980	1.0060	0.7486	0.7542	0.2483
3.100	1.0320	0.9979	1.0066	0.7490	0.7540	0.2484
3.125	1.0338	0.9979	1.0078	0.7494	0.7539	0.2485
3.150	1.0351	0.9983	1.0065	0.7498	0.7538	0.2485
3.175	1.0356	0.9989	1.0052	0.7502	0.7537	0.2486
3.200	1.0365	0.9981	1.0057	0.7506	0.7536	0.2487
3.225	1.0361	0.9977	1.0072	0.7510	0.7535	0.2487
3.250	1.0354	0.9977	1.0042	0.7513	0.7534	0.2488
3.275	1.0355	0.9993	1.0050	0.7516	0.7534	0.2488
3.300	1.0340	0.9978	1.0042	0.7518	0.7533	0.2489
3.325	1.0321	0.9981	1.0052	0.7521	0.7532	0.2489
3.350	1.0292	0.9978	1.0043	0.7523	0.7532	0.2490
3.375	1.0280	0.9975	1.0032	0.7524	0.7531	0.2490
3.400	1.0258	0.9978	1.0029	0.7526	0.7531	0.2490
3.425	1.0252	0.9973	1.0031	0.7526	0.7530	0.2491
3.450	1.0218	0.9978	1.0034	0.7527	0.7530	0.2491
3.475	1.0207	0.9986	1.0025	0.7527	0.7529	0.2491
3.500	1.0182	0.9984	1.0009	0.7528	0.7528	0.2492
3.525	1.0156	0.9987	1.0024	0.7527	0.7528	0.2492
3.550	1.0145	1.0007	1.0019	0.7527	0.7527	0.2492
3.575	1.0132	1.0010	1.0021	0.7526	0.7527	0.2492
3.600	1.0104	1.0008	1.0010	0.7525	0.7526	0.2492
3.625	1.0085	1.0011	1.0020	0.7524	0.7526	0.2493
3.650	1.0075	1.0011	1.0034	0.7523	0.7525	0.2493
3.675	1.0061	1.0021	1.0025	0.7522	0.7525	0.2493
3.700	1.0048	1.0021	1.0031	0.7520	0.7524	0.2493
3.725	1.0021	1.0029	1.0026	0.7519	0.7524	0.2494
3.750	1.0032	1.0023	1.0023	0.7518	0.7523	0.2494
3.775	1.0002	1.0028	1.0035	0.7516	0.7523	0.2494
3.800	0.9995	1.0024	1.0046	0.7515	0.7522	0.2496
3.825	0.9987	1.0028	0.0241	0.7514	0.7522	0.2478
3.850	0.9992	1.0024	0.0000	0.7513	0.7521	0.2442
3.875	1.0005	1.0027	0.0000	0.7511	0.7521	0.2407
3.900	0.9981	1.0021	0.0000	0.7510	0.7521	0.2372
3.925	0.9998	1.0025	0.0000	0.7509	0.7520	0.2337
3.950	0.9990	1.0018	0.0000	0.7508	0.7520	0.2304
3.975	0.9991	1.0023	0.0000	0.7508	0.7519	0.2270
4.000	1.0000	1.0000	1.0000	0.7507	0.7519	0.2256

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.306 x_1= 0.9001 $\epsilon 22/\epsilon 11$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0003	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0081	0.0026	0.0005	1.0000	1.0000	0.0000
0.900	0.0602	0.0294	0.0100	1.0000	1.0000	0.0000
0.925	0.2250	0.1430	0.0702	1.0000	1.0000	0.0004
0.950	0.5343	0.4038	0.2353	1.0000	1.0000	0.0018
0.975	0.9271	0.7879	0.5324	1.0000	1.0000	0.0050
1.000	1.3096	1.1908	0.8666	1.0000	1.0000	0.0106
1.025	1.6091	1.5203	1.1729	1.0000	1.0000	0.0180
1.050	1.7993	1.7325	1.3575	1.0000	1.0000	0.0265
1.075	1.8881	1.8286	1.4473	1.0000	1.0000	0.0351
1.100	1.9024	1.8408	1.4633	1.0000	1.0000	0.0431
1.125	1.8692	1.7933	1.4316	1.0000	1.0000	0.0503
1.150	1.8081	1.7160	1.3706	1.0000	1.0000	0.0565
1.175	1.7312	1.6271	1.2884	1.0000	1.0000	0.0616
1.200	1.6500	1.5332	1.2208	1.0000	1.0000	0.0658
1.225	1.5682	1.4446	1.1505	1.0000	0.9997	0.0691
1.250	1.4927	1.3618	1.0996	1.0000	0.9991	0.0718
1.275	1.4211	1.2873	1.0461	1.0000	0.9976	0.0738
1.300	1.3561	1.2240	1.0118	1.0000	0.9950	0.0754
1.325	1.2978	1.1686	0.9740	1.0000	0.9910	0.0767
1.350	1.2442	1.1194	0.9601	0.9999	0.9859	0.0777
1.375	1.2003	1.0808	0.9511	0.9995	0.9799	0.0786
1.400	1.1567	1.0466	0.9437	0.9987	0.9735	0.0793
1.425	1.1213	1.0197	0.9532	0.9971	0.9670	0.0801
1.450	1.0880	0.9999	0.9707	0.9944	0.9608	0.0809
1.475	1.0617	0.9864	0.9842	0.9905	0.9550	0.0817
1.500	1.0361	0.9753	1.0067	0.9856	0.9497	0.0826
1.525	1.0144	0.9703	1.0328	0.9798	0.9450	0.0836
1.550	0.9956	0.9703	1.0524	0.9733	0.9408	0.0846
1.575	0.9796	0.9745	1.0665	0.9666	0.9373	0.0857
1.600	0.9646	0.9810	1.0706	0.9599	0.9342	0.0867
1.625	0.9550	0.9901	1.0702	0.9534	0.9317	0.0877
1.650	0.9452	0.9998	1.0662	0.9472	0.9295	0.0887
1.675	0.9390	1.0116	1.0561	0.9414	0.9277	0.0895
1.700	0.9340	1.0201	1.0483	0.9361	0.9262	0.0902
1.725	0.9307	1.0281	1.0406	0.9314	0.9249	0.0909
1.750	0.9278	1.0319	1.0300	0.9271	0.9239	0.0914
1.775	0.9291	1.0365	1.0210	0.9233	0.9230	0.0919
1.800	0.9301	1.0367	1.0154	0.9200	0.9223	0.0923
1.825	0.9331	1.0326	1.0077	0.9171	0.9217	0.0927
1.850	0.9375	1.0290	1.0020	0.9145	0.9210	0.0930
1.875	0.9432	1.0254	0.9936	0.9123	0.9205	0.0933
1.900	0.9483	1.0189	0.9969	0.9105	0.9199	0.0935
1.925	0.9561	1.0129	0.9972	0.9089	0.9193	0.0937
1.950	0.9635	1.0060	1.0016	0.9076	0.9187	0.0940
1.975	0.9697	1.0005	1.0062	0.9065	0.9180	0.0942
2.000	0.9758	0.9955	1.0065	0.9056	0.9174	0.0944
2.025	0.9833	0.9919	1.0067	0.9049	0.9166	0.0946
2.050	0.9886	0.9864	1.0057	0.9043	0.9159	0.0949
2.075	0.9941	0.9832	1.0095	0.9039	0.9151	0.0951
2.100	0.9976	0.9811	1.0084	0.9035	0.9143	0.0953
2.125	0.9987	0.9775	1.0076	0.9033	0.9135	0.0955
2.150	1.0001	0.9775	1.0095	0.9031	0.9127	0.0957
2.175	1.0010	0.9765	1.0078	0.9030	0.9120	0.0958
2.200	1.0007	0.9783	1.0116	0.9029	0.9113	0.0960
2.225	0.9999	0.9802	1.0100	0.9029	0.9107	0.0962
2.250	0.9986	0.9811	1.0069	0.9028	0.9101	0.0963
2.275	0.9956	0.9851	1.0059	0.9028	0.9096	0.0964
2.300	0.9949	0.9884	1.0035	0.9028	0.9091	0.0966
2.325	0.9912	0.9888	1.0009	0.9028	0.9087	0.0967
2.350	0.9887	0.9934	0.9987	0.9028	0.9083	0.0968
2.375	0.9852	0.9956	1.0001	0.9027	0.9080	0.0969
2.400	0.9829	0.9979	0.9997	0.9026	0.9077	0.0970
2.425	0.9805	0.9996	1.0017	0.9026	0.9074	0.0970
2.450	0.9785	1.0008	1.0041	0.9025	0.9071	0.0971
2.475	0.9758	1.0017	1.0022	0.9023	0.9069	0.0972
2.500	0.9748	1.0015	1.0013	0.9022	0.9067	0.0973
2.525	0.9734	1.0025	1.0007	0.9020	0.9066	0.0974

2.550	0.9716	1.0025	1.0017	0.9019	0.9064	0.0974
2.575	0.9717	1.0029	1.0039	0.9017	0.9062	0.0975
2.600	0.9706	0.9996	1.0088	0.9015	0.9060	0.0976
2.625	0.9717	1.0013	1.0062	0.9013	0.9059	0.0977
2.650	0.9712	1.0015	1.0105	0.9011	0.9057	0.0978
2.675	0.9717	1.0006	1.0042	0.9009	0.9055	0.0978
2.700	0.9722	0.9992	1.0061	0.9007	0.9054	0.0979
2.725	0.9735	0.9992	1.0040	0.9006	0.9052	0.0980
2.750	0.9746	0.9974	1.0022	0.9004	0.9050	0.0980
2.775	0.9759	0.9977	1.0049	0.9003	0.9049	0.0981
2.800	0.9780	0.9980	1.0004	0.9001	0.9047	0.0981
2.825	0.9799	0.9995	1.0034	0.9000	0.9046	0.0982
2.850	0.9816	0.9985	1.0026	0.8999	0.9044	0.0982
2.875	0.9843	0.9986	1.0018	0.8999	0.9043	0.0983
2.900	0.9853	0.9990	1.0028	0.8998	0.9042	0.0983
2.925	0.9888	0.9994	1.0033	0.8998	0.9040	0.0983
2.950	0.9900	1.0001	1.0021	0.8997	0.9039	0.0984
2.975	0.9939	0.9998	1.0027	0.8997	0.9038	0.0984
3.000	0.9961	1.0001	1.0039	0.8997	0.9037	0.0985
3.025	0.9981	1.0011	1.0036	0.8998	0.9036	0.0985
3.050	1.0006	1.0013	1.0041	0.8998	0.9035	0.0986
3.075	1.0021	1.0017	1.0053	0.8998	0.9034	0.0986
3.100	1.0039	1.0007	1.0038	0.8999	0.9033	0.0986
3.125	1.0050	1.0007	1.0045	0.8999	0.9033	0.0987
3.150	1.0061	1.0016	1.0029	0.9000	0.9032	0.0987
3.175	1.0066	1.0021	1.0034	0.9000	0.9031	0.0987
3.200	1.0077	1.0025	1.0064	0.9001	0.9030	0.0988
3.225	1.0080	1.0025	1.0047	0.9002	0.9030	0.0988
3.250	1.0078	1.0017	1.0038	0.9002	0.9029	0.0989
3.275	1.0081	1.0019	1.0033	0.9003	0.9029	0.0989
3.300	1.0080	1.0022	1.0025	0.9003	0.9028	0.0989
3.325	1.0074	1.0017	1.0051	0.9004	0.9027	0.0989
3.350	1.0068	1.0012	1.0050	0.9005	0.9027	0.0990
3.375	1.0068	1.0014	1.0033	0.9005	0.9026	0.0990
3.400	1.0068	1.0018	1.0011	0.9005	0.9026	0.0990
3.425	1.0054	1.0010	1.0037	0.9006	0.9025	0.0990
3.450	1.0051	1.0017	1.0030	0.9006	0.9025	0.0991
3.475	1.0046	1.0010	1.0036	0.9006	0.9024	0.0991
3.500	1.0037	1.0007	1.0036	0.9006	0.9023	0.0991
3.525	1.0031	1.0019	1.0017	0.9006	0.9023	0.0991
3.550	1.0023	1.0013	1.0038	0.9007	0.9022	0.0992
3.575	1.0025	1.0013	1.0039	0.9007	0.9022	0.0992
3.600	1.0020	1.0007	1.0034	0.9007	0.9021	0.0992
3.625	1.0017	1.0021	1.0050	0.9007	0.9021	0.0992
3.650	1.0012	1.0017	1.0039	0.9006	0.9020	0.0992
3.675	1.0016	1.0014	1.0034	0.9006	0.9020	0.0993
3.700	1.0009	1.0006	1.0041	0.9006	0.9019	0.0993
3.725	1.0002	1.0004	1.0038	0.9006	0.9019	0.0993
3.750	0.9999	1.0009	1.0023	0.9006	0.9019	0.0993
3.775	1.0007	1.0006	1.0060	0.9006	0.9018	0.0993
3.800	1.0001	1.0008	1.0036	0.9006	0.9018	0.0993
3.825	1.0006	1.0011	1.0066	0.9006	0.9017	0.0994
3.850	0.9996	1.0010	1.0054	0.9006	0.9017	0.0994
3.875	1.0002	1.0010	1.0073	0.9005	0.9017	0.0994
3.900	1.0005	1.0011	1.0067	0.9005	0.9017	0.0994
3.925	1.0009	1.0005	1.0072	0.9005	0.9016	0.0994
3.950	1.0004	1.0014	1.0071	0.9005	0.9016	0.0995
3.975	1.0005	1.0006	1.0069	0.9005	0.9016	0.0995
4.000	1.0000	1.0000	1.0000	0.9005	0.9015	0.0995

[illegible] FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
[illegible] = 1.322 x_1 = 0.9502 $\epsilon 22/\epsilon 11$ = 1.50

[illegible]	[illegible]	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
[illegible]	[illegible]	1.2000	0.0001	1.0000	1.0000	0.0000
[illegible]	[illegible]	1.1022	0.0006	1.0000	1.0000	0.0000
[illegible]	[illegible]	1.0261	0.0087	1.0000	1.0000	0.0000
[illegible]	[illegible]	1.1295	0.0540	1.0000	1.0000	0.0002
[illegible]	[illegible]	1.3650	0.2066	1.0000	1.0000	0.0007
[illegible]	[illegible]	1.7282	0.4610	1.0000	1.0000	0.0022
[illegible]	[illegible]	1.2897	0.7656	1.0000	1.0000	0.0046
[illegible]	[illegible]	1.3968	1.0512	1.0000	1.0000	0.0080
[illegible]	[illegible]	1.6067	1.2187	1.0000	1.0000	0.0118
[illegible]	[illegible]	1.7230	1.3367	1.0000	1.0000	0.0158
[illegible]	[illegible]	1.7206	1.3360	1.0000	1.0000	0.0196
[illegible]	[illegible]	1.6888	1.3179	1.0000	1.0000	0.0230
[illegible]	[illegible]	1.6265	1.2781	1.0000	1.0000	0.0260
[illegible]	[illegible]	1.5481	1.2135	1.0000	1.0000	0.0285
[illegible]	[illegible]	1.4648	1.1739	1.0000	1.0000	0.0306
[illegible]	[illegible]	1.3859	1.1010	1.0000	0.9999	0.0323
[illegible]	[illegible]	1.3124	1.0682	1.0000	0.9996	0.0336
[illegible]	[illegible]	1.2438	1.0221	1.0000	0.9990	0.0347
[illegible]	[illegible]	1.1878	0.9954	1.0000	0.9978	0.0356
[illegible]	[illegible]	1.1417	0.9758	1.0000	0.9961	0.0363
[illegible]	[illegible]	1.0992	0.9537	0.9999	0.9938	0.0369
[illegible]	[illegible]	1.0620	0.9564	0.9998	0.9911	0.0374
[illegible]	[illegible]	1.0338	0.9363	0.9994	0.9882	0.0378
[illegible]	[illegible]	1.0113	0.9611	0.9987	0.9852	0.0383
[illegible]	[illegible]	1.9951	0.9835	0.9975	0.9822	0.0388
[illegible]	[illegible]	1.9779	1.0010	0.9957	0.9795	0.0393
[illegible]	[illegible]	1.9726	1.0150	0.9935	0.9770	0.0398
[illegible]	[illegible]	1.9659	1.0487	0.9908	0.9747	0.0404
[illegible]	[illegible]	1.9697	1.0631	0.9878	0.9727	0.0409
[illegible]	[illegible]	1.9749	1.0772	0.9847	0.9710	0.0415
[illegible]	[illegible]	1.9852	1.0869	0.9815	0.9694	0.0421
[illegible]	[illegible]	1.9953	1.0920	0.9784	0.9681	0.0427
[illegible]	[illegible]	2.0083	1.0948	0.9755	0.9670	0.0432
[illegible]	[illegible]	2.0192	1.0947	0.9727	0.9661	0.0438
[illegible]	[illegible]	2.0288	1.0843	0.9701	0.9653	0.0442
[illegible]	[illegible]	2.0363	1.0696	0.9678	0.9646	0.0447
[illegible]	[illegible]	2.0430	1.0623	0.9657	0.9641	0.0450
[illegible]	[illegible]	2.0433	1.0506	0.9638	0.9636	0.0454
[illegible]	[illegible]	2.0491	1.0502	0.9621	0.9631	0.0456
[illegible]	[illegible]	2.0457	1.0438	0.9606	0.9627	0.0459
[illegible]	[illegible]	2.0427	1.0344	0.9594	0.9624	0.0462
[illegible]	[illegible]	2.0382	1.0339	0.9582	0.9620	0.0464
[illegible]	[illegible]	2.0339	1.0300	0.9573	0.9617	0.0466
[illegible]	[illegible]	2.0278	1.0227	0.9565	0.9614	0.0467
[illegible]	[illegible]	2.0230	1.0219	0.9558	0.9610	0.0469
[illegible]	[illegible]	2.0166	1.0193	0.9552	0.9606	0.0470
[illegible]	[illegible]	2.0122	1.0252	0.9548	0.9602	0.0472
[illegible]	[illegible]	2.0058	1.0294	0.9544	0.9598	0.0473
[illegible]	[illegible]	2.0045	1.0303	0.9541	0.9594	0.0475
[illegible]	[illegible]	2.0000	1.0278	0.9538	0.9589	0.0476
[illegible]	[illegible]	0.9950	1.0398	0.9536	0.9585	0.0478
[illegible]	[illegible]	0.9925	1.0299	0.9535	0.9580	0.0479
[illegible]	[illegible]	0.9913	1.0282	0.9534	0.9576	0.0480
[illegible]	[illegible]	0.9894	1.0282	0.9533	0.9572	0.0481
[illegible]	[illegible]	0.9891	1.0360	0.9532	0.9568	0.0482
[illegible]	[illegible]	0.9897	1.0340	0.9532	0.9564	0.0484
[illegible]	[illegible]	0.9906	1.0300	0.9531	0.9560	0.0485
[illegible]	[illegible]	0.9910	1.0299	0.9531	0.9556	0.0485
[illegible]	[illegible]	0.9930	1.0242	0.9531	0.9553	0.0486
[illegible]	[illegible]	0.9943	1.0218	0.9531	0.9551	0.0487
[illegible]	[illegible]	0.9953	1.0201	0.9530	0.9548	0.0488
[illegible]	[illegible]	0.9950	1.0108	0.9530	0.9546	0.0488
[illegible]	[illegible]	0.9972	1.0146	0.9529	0.9544	0.0489
[illegible]	[illegible]	0.9964	1.0153	0.9528	0.9541	0.0489
[illegible]	[illegible]	0.9980	1.0067	0.9528	0.9540	0.0490
[illegible]	[illegible]	0.9980	1.0070	0.9527	0.9538	0.0490
[illegible]	[illegible]	0.9985	1.0089	0.9526	0.9536	0.0490
[illegible]	[illegible]	1.0000	1.0012	0.9525	0.9535	0.0491

2.550	0.9875	0.9992	1.0048	0.9523	0.9533	0.0491
2.575	0.9863	1.0009	1.0079	0.9522	0.9532	0.0491
2.600	0.9857	1.0005	1.0033	0.9521	0.9531	0.0492
2.625	0.9851	0.9982	1.0084	0.9520	0.9530	0.0492
2.650	0.9849	1.0007	1.0105	0.9518	0.9529	0.0492
2.675	0.9838	0.9988	1.0085	0.9517	0.9528	0.0492
2.700	0.9847	0.9985	1.0035	0.9516	0.9527	0.0493
2.725	0.9846	0.9989	1.0013	0.9515	0.9526	0.0493
2.750	0.9848	0.9989	1.0011	0.9513	0.9524	0.0493
2.775	0.9857	0.9974	1.0059	0.9512	0.9523	0.0493
2.800	0.9860	0.9971	1.0068	0.9511	0.9522	0.0493
2.825	0.9873	0.9968	1.0069	0.9511	0.9521	0.0494
2.850	0.9888	0.9974	1.0107	0.9510	0.9520	0.0494
2.875	0.9884	0.9970	1.0028	0.9509	0.9520	0.0494
2.900	0.9897	0.9967	1.0099	0.9508	0.9519	0.0494
2.925	0.9910	0.9964	1.0063	0.9508	0.9518	0.0494
2.950	0.9928	0.9977	0.9967	0.9507	0.9517	0.0494
2.975	0.9942	0.9977	1.0030	0.9507	0.9516	0.0495
3.000	0.9954	0.9989	1.0007	0.9506	0.9515	0.0495
3.025	0.9967	0.9985	1.0036	0.9506	0.9515	0.0495
3.050	0.9980	0.9988	1.0108	0.9506	0.9514	0.0495
3.075	0.9990	0.9990	1.0003	0.9506	0.9513	0.0495
3.100	1.0000	0.9988	1.0014	0.9506	0.9513	0.0495
3.125	1.0004	0.9978	1.0011	0.9506	0.9512	0.0495
3.150	1.0012	0.9984	1.0012	0.9506	0.9512	0.0495
3.175	1.0025	0.9995	1.0018	0.9506	0.9512	0.0495
3.200	1.0031	0.9986	1.0028	0.9506	0.9511	0.0495
3.225	1.0030	1.0003	0.9980	0.9506	0.9511	0.0496
3.250	1.0027	0.9994	0.9991	0.9506	0.9510	0.0496
3.275	1.0034	0.9996	0.9990	0.9506	0.9510	0.0496
3.300	1.0030	1.0001	1.0062	0.9506	0.9510	0.0496
3.325	1.0036	0.9999	0.9998	0.9506	0.9510	0.0496
3.350	1.0031	0.9987	1.0035	0.9506	0.9509	0.0496
3.375	1.0025	1.0009	1.0033	0.9506	0.9509	0.0496
3.400	1.0025	1.0006	1.0005	0.9506	0.9509	0.0496
3.425	1.0018	0.9994	0.9974	0.9506	0.9509	0.0496
3.450	1.0015	1.0008	0.9948	0.9506	0.9509	0.0496
3.475	1.0014	1.0007	0.9957	0.9506	0.9508	0.0496
3.500	1.0008	1.0011	0.9954	0.9506	0.9508	0.0496
3.525	1.0010	1.0004	0.9947	0.9506	0.9508	0.0496
3.550	1.0007	1.0006	0.9941	0.9506	0.9508	0.0496
3.575	0.9998	0.9992	1.0010	0.9506	0.9508	0.0496
3.600	1.0006	1.0000	0.9946	0.9506	0.9507	0.0496
3.625	0.9996	1.0003	1.0000	0.9506	0.9507	0.0496
3.650	1.0002	1.0008	1.0039	0.9506	0.9507	0.0496
3.675	0.9999	0.9998	1.0015	0.9506	0.9507	0.0496
3.700	0.9993	1.0010	0.9968	0.9506	0.9507	0.0496
3.725	0.9993	0.9999	0.9940	0.9506	0.9507	0.0496
3.750	0.9992	0.9999	0.9965	0.9506	0.9507	0.0496
3.775	0.9995	1.0014	0.9974	0.9505	0.9506	0.0496
3.800	0.9997	1.0011	0.9980	0.9505	0.9506	0.0496
3.825	0.9995	1.0008	0.9987	0.9505	0.9506	0.0496
3.850	0.9992	1.0006	0.9917	0.9505	0.9506	0.0496
3.875	0.9995	1.0007	0.9956	0.9505	0.9506	0.0496
3.900	0.9997	1.0005	0.9977	0.9505	0.9506	0.0496
3.925	1.0000	1.0007	1.0025	0.9505	0.9506	0.0496
3.950	1.0000	1.0007	1.0013	0.9505	0.9506	0.0496
3.975	1.0000	1.0009	1.0038	0.9505	0.9505	0.0496
4.000	1.0000	1.0000	1.0000	0.9505	0.9505	0.0496

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.111 x_1= 0.0498 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0014	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0108	0.0020	0.0001	1.0000	1.0000	0.0001
0.900	0.1059	0.0278	0.0059	1.0000	1.0000	0.0028
0.925	0.3805	0.1714	0.0674	1.0000	1.0000	0.0389
0.950	0.8819	0.5464	0.3321	1.0000	1.0000	0.2062
0.975	1.4657	1.1537	0.9087	1.0000	1.0000	0.4865
1.000	2.0032	1.8085	1.6630	1.0000	1.0000	0.7011
1.025	2.3799	2.3284	2.3199	1.0000	1.0000	0.8161
1.050	2.6524	2.6234	2.7001	1.0000	1.0000	0.8746
1.075	2.7711	2.7215	2.7953	1.0000	1.0000	0.9059
1.100	2.6260	2.6610	2.6763	1.0000	1.0000	0.9239
1.125	2.4812	2.5069	2.4468	1.0000	1.0000	0.9348
1.150	2.4660	2.3237	2.1764	1.0000	1.0000	0.9419
1.175	2.3389	2.1203	1.9098	1.0000	0.9999	0.9466
1.200	2.1226	1.9228	1.6669	1.0000	0.9972	0.9498
1.225	2.0231	1.7413	1.4582	1.0000	0.9779	0.9520
1.250	1.8828	1.5853	1.2833	1.0000	0.8995	0.9535
1.275	1.7919	1.4436	1.1359	1.0000	0.7271	0.9546
1.300	1.6875	1.3232	1.0167	0.9997	0.5135	0.9552
1.325	1.5974	1.2180	0.9199	0.9975	0.3419	0.9556
1.350	1.4701	1.1294	0.8417	0.9854	0.2316	0.9557
1.375	1.4073	1.0533	0.7783	0.9408	0.1655	0.9556
1.400	1.3301	0.9826	0.7288	0.8363	0.1254	0.9554
1.425	1.2370	0.9291	0.6911	0.6752	0.1003	0.9550
1.450	1.1303	0.8810	0.6629	0.5024	0.0840	0.9546
1.475	1.1393	0.8430	0.6431	0.3612	0.0729	0.9540
1.500	1.1017	0.8080	0.6301	0.2621	0.0652	0.9533
1.525	0.9996	0.7838	0.6243	0.1961	0.0596	0.9525
1.550	0.9427	0.7601	0.6257	0.1523	0.0555	0.9517
1.575	0.9659	0.7378	0.6319	0.1230	0.0525	0.9509
1.600	0.9299	0.7264	0.6441	0.1028	0.0502	0.9500
1.625	0.8960	0.7150	0.6617	0.0884	0.0485	0.9492
1.650	0.8885	0.7100	0.6852	0.0780	0.0472	0.9483
1.675	0.8894	0.7053	0.7141	0.0702	0.0462	0.9475
1.700	0.8280	0.7072	0.7493	0.0643	0.0454	0.9467
1.725	0.8150	0.7108	0.7886	0.0597	0.0449	0.9460
1.750	0.8401	0.7133	0.8323	0.0561	0.0446	0.9454
1.775	0.7884	0.7226	0.8788	0.0532	0.0444	0.9449
1.800	0.7877	0.7343	0.9278	0.0509	0.0443	0.9444
1.825	0.7973	0.7443	0.9760	0.0491	0.0443	0.9442
1.850	0.8103	0.7586	1.0228	0.0476	0.0445	0.9441
1.875	0.7971	0.7757	1.0667	0.0464	0.0447	0.9441
1.900	0.7932	0.7966	1.1073	0.0454	0.0450	0.9442
1.925	0.7652	0.8177	1.1444	0.0446	0.0453	0.9445
1.950	0.7563	0.8400	1.1773	0.0439	0.0457	0.9449
1.975	0.7571	0.8637	1.2060	0.0434	0.0462	0.9453
2.000	0.7593	0.8892	1.2291	0.0430	0.0467	0.9459
2.025	0.7862	0.9094	1.2447	0.0427	0.0473	0.9465
2.050	0.7699	0.9334	1.2529	0.0424	0.0478	0.9471
2.075	0.7697	0.9574	1.2513	0.0423	0.0485	0.9477
2.100	0.7707	0.9834	1.2407	0.0421	0.0491	0.9483
2.125	0.8019	1.0030	1.2214	0.0421	0.0498	0.9489
2.150	0.7652	1.0262	1.1953	0.0421	0.0504	0.9494
2.175	0.7932	1.0478	1.1638	0.0422	0.0511	0.9499
2.200	0.7870	1.0683	1.1285	0.0422	0.0517	0.9503
2.225	0.8062	1.0881	1.0911	0.0424	0.0523	0.9506
2.250	0.7992	1.1081	1.0552	0.0425	0.0529	0.9508
2.275	0.8209	1.1299	1.0198	0.0427	0.0535	0.9510
2.300	0.8231	1.1460	0.9873	0.0429	0.0540	0.9512
2.325	0.8487	1.1634	0.9574	0.0432	0.0545	0.9512
2.350	0.8884	1.1760	0.9308	0.0435	0.0549	0.9512
2.375	0.8621	1.1902	0.9086	0.0438	0.0553	0.9512
2.400	0.8846	1.1927	0.8904	0.0441	0.0556	0.9511
2.425	0.8956	1.1934	0.8770	0.0445	0.0558	0.9510
2.450	0.9020	1.1883	0.8670	0.0448	0.0559	0.9508
2.475	0.9315	1.1808	0.8606	0.0452	0.0560	0.9507
2.500	0.9198	1.1672	0.8592	0.0456	0.0559	0.9505
2.525	0.9276	1.1502	0.8613	0.0460	0.0558	0.9502

2.550	0.9338	1.1328	0.8675	0.0464	0.0557	0.9500
2.575	0.9616	1.1134	0.8767	0.0468	0.0554	0.9498
2.600	0.9352	1.0911	0.8879	0.0472	0.0551	0.9496
2.625	0.9808	1.0717	0.9022	0.0475	0.0548	0.9494
2.650	0.9921	1.0487	0.9187	0.0480	0.0544	0.9493
2.675	1.0091	1.0307	0.9363	0.0484	0.0540	0.9491
2.700	0.9837	1.0108	0.9548	0.0488	0.0535	0.9490
2.725	1.0113	0.9909	0.9738	0.0491	0.0531	0.9489
2.750	1.0238	0.9736	0.9925	0.0495	0.0526	0.9488
2.775	1.0383	0.9595	1.0109	0.0499	0.0521	0.9488
2.800	1.0478	0.9456	1.0278	0.0503	0.0517	0.9488
2.825	1.0550	0.9320	1.0430	0.0506	0.0512	0.9488
2.850	1.0872	0.9228	1.0561	0.0510	0.0508	0.9489
2.875	1.0822	0.9141	1.0667	0.0513	0.0505	0.9489
2.900	1.0845	0.9076	1.0748	0.0516	0.0501	0.9490
2.925	1.1029	0.9035	1.0806	0.0519	0.0498	0.9491
2.950	1.1177	0.8982	1.0834	0.0522	0.0496	0.9492
2.975	1.1257	0.8984	1.0841	0.0525	0.0493	0.9494
3.000	1.1654	0.8989	1.0819	0.0527	0.0492	0.9495
3.025	1.1417	0.8987	1.0781	0.0530	0.0490	0.9496
3.050	1.1544	0.9025	1.0721	0.0532	0.0489	0.9497
3.075	1.1648	0.9065	1.0651	0.0534	0.0488	0.9498
3.100	1.1655	0.9128	1.0559	0.0536	0.0488	0.9499
3.125	1.1651	0.9214	1.0466	0.0538	0.0488	0.9499
3.150	1.1608	0.9275	1.0362	0.0539	0.0488	0.9500
3.175	1.1792	0.9357	1.0254	0.0540	0.0488	0.9500
3.200	1.1674	0.9460	1.0147	0.0541	0.0489	0.9501
3.225	1.1529	0.9544	1.0036	0.0542	0.0490	0.9501
3.250	1.1435	0.9645	0.9933	0.0542	0.0491	0.9501
3.275	1.1362	0.9728	0.9835	0.0542	0.0492	0.9501
3.300	1.1397	0.9840	0.9747	0.0541	0.0493	0.9500
3.325	1.1135	0.9936	0.9671	0.0541	0.0495	0.9500
3.350	1.1104	1.0034	0.9606	0.0540	0.0497	0.9500
3.375	1.0896	1.0113	0.9553	0.0539	0.0498	0.9499
3.400	1.0893	1.0187	0.9517	0.0538	0.0500	0.9499
3.425	1.0709	1.0283	0.9492	0.0536	0.0501	0.9499
3.450	1.0635	1.0351	0.9484	0.0534	0.0503	0.9498
3.475	1.0513	1.0405	0.9496	0.0532	0.0504	0.9498
3.500	1.0513	1.0450	0.9519	0.0530	0.0506	0.9497
3.525	1.0269	1.0507	0.9556	0.0528	0.0507	0.9497
3.550	1.0188	1.0550	0.9601	0.0526	0.0508	0.9497
3.575	0.9819	1.0573	0.9656	0.0523	0.0509	0.9496
3.600	0.9788	1.0573	0.9720	0.0521	0.0510	0.9496
3.625	0.9939	1.0584	0.9786	0.0518	0.0511	0.9496
3.650	0.9697	1.0580	0.9860	0.0515	0.0511	0.9496
3.675	0.9554	1.0545	0.9933	0.0513	0.0512	0.9496
3.700	0.9415	1.0541	1.0004	0.0510	0.0512	0.9496
3.725	0.9642	1.0511	1.0073	0.0508	0.0512	0.9496
3.750	0.9672	1.0482	1.0133	0.0506	0.0512	0.9496
3.775	0.9358	1.0439	1.0190	0.0504	0.0512	0.9497
3.800	0.9350	1.0403	1.0242	0.0501	0.0511	0.9497
3.825	0.9248	1.0348	1.0281	0.0500	0.0511	0.9497
3.850	0.9323	1.0299	1.0308	0.0498	0.0510	0.9498
3.875	0.9232	1.0229	1.0325	0.0496	0.0509	0.9498
3.900	0.9259	1.0175	1.0332	0.0495	0.0509	0.9498
3.925	0.9287	1.0112	1.0331	0.0493	0.0508	0.9499
3.950	0.9201	1.0050	1.0320	0.0492	0.0507	0.9499
3.975	0.9257	0.9999	1.0299	0.0491	0.0506	0.9499
4.000	1.0000	1.0000	1.0000	0.0490	0.0505	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.116 x_1= 0.0999 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0014	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0133	0.0020	0.0001	1.0000	1.0000	0.0000
0.900	0.0979	0.0285	0.0058	1.0000	1.0000	0.0013
0.925	0.3462	0.1692	0.0671	1.0000	1.0000	0.0187
0.950	0.7806	0.5453	0.3296	1.0000	1.0000	0.1090
0.975	1.3363	1.1467	0.9018	1.0000	1.0000	0.3085
1.000	1.8747	1.8014	1.6495	1.0000	1.0000	0.5247
1.025	2.2148	2.3149	2.3024	1.0000	1.0000	0.6762
1.050	2.4759	2.6185	2.6829	1.0000	1.0000	0.7664
1.075	2.5955	2.7089	2.7770	1.0000	1.0000	0.8191
1.100	2.4588	2.6522	2.6625	1.0000	1.0000	0.8509
1.125	2.3761	2.5001	2.4333	1.0000	1.0000	0.8710
1.150	2.2778	2.3051	2.1657	1.0000	1.0000	0.8841
1.175	2.0948	2.1125	1.9010	1.0000	0.9999	0.8929
1.200	1.9931	1.9128	1.6599	1.0000	0.9987	0.8989
1.225	1.8635	1.7381	1.4542	1.0000	0.9895	0.9031
1.250	1.7163	1.5824	1.2808	1.0000	0.9499	0.9060
1.275	1.6252	1.4416	1.1369	1.0000	0.8497	0.9079
1.300	1.5113	1.3161	1.0189	0.9999	0.6915	0.9092
1.325	1.3902	1.2148	0.9224	0.9987	0.5246	0.9099
1.350	1.3336	1.1291	0.8457	0.9922	0.3905	0.9101
1.375	1.2846	1.0499	0.7843	0.9686	0.2964	0.9100
1.400	1.2230	0.9895	0.7359	0.9090	0.2336	0.9095
1.425	1.1515	0.9316	0.6993	0.8024	0.1916	0.9089
1.450	1.1077	0.8837	0.6713	0.6640	0.1631	0.9080
1.475	1.0741	0.8461	0.6535	0.5259	0.1432	0.9069
1.500	1.0166	0.8128	0.6421	0.4108	0.1290	0.9057
1.525	0.9675	0.7879	0.6376	0.3240	0.1187	0.9043
1.550	0.9354	0.7650	0.6383	0.2614	0.1111	0.9029
1.575	0.9083	0.7473	0.6457	0.2166	0.1054	0.9013
1.600	0.8974	0.7378	0.6581	0.1843	0.1011	0.8998
1.625	0.8764	0.7269	0.6751	0.1608	0.0978	0.8982
1.650	0.8563	0.7193	0.6970	0.1433	0.0953	0.8967
1.675	0.8311	0.7181	0.7237	0.1300	0.0934	0.8952
1.700	0.8112	0.7170	0.7562	0.1198	0.0921	0.8938
1.725	0.7925	0.7196	0.7926	0.1118	0.0911	0.8925
1.750	0.7894	0.7266	0.8340	0.1055	0.0904	0.8914
1.775	0.7566	0.7351	0.8786	0.1005	0.0901	0.8904
1.800	0.7768	0.7433	0.9245	0.0964	0.0899	0.8897
1.825	0.7538	0.7544	0.9708	0.0931	0.0900	0.8891
1.850	0.7477	0.7683	1.0149	0.0904	0.0902	0.8889
1.875	0.7267	0.7843	1.0585	0.0882	0.0906	0.8889
1.900	0.7386	0.8025	1.0985	0.0864	0.0911	0.8891
1.925	0.7363	0.8199	1.1345	0.0850	0.0918	0.8896
1.950	0.7361	0.8432	1.1665	0.0838	0.0925	0.8902
1.975	0.7396	0.8629	1.1948	0.0829	0.0934	0.8911
2.000	0.7358	0.8847	1.2191	0.0822	0.0943	0.8920
2.025	0.7466	0.9093	1.2362	0.0816	0.0953	0.8931
2.050	0.7585	0.9316	1.2439	0.0813	0.0964	0.8943
2.075	0.7572	0.9521	1.2441	0.0811	0.0975	0.8954
2.100	0.7647	0.9779	1.2350	0.0809	0.0987	0.8965
2.125	0.7722	0.9987	1.2166	0.0809	0.0998	0.8976
2.150	0.7648	1.0216	1.1913	0.0810	0.1010	0.8986
2.175	0.7687	1.0394	1.1604	0.0812	0.1022	0.8994
2.200	0.7666	1.0619	1.1267	0.0814	0.1033	0.9001
2.225	0.7788	1.0818	1.0920	0.0816	0.1044	0.9007
2.250	0.7813	1.1019	1.0564	0.0819	0.1055	0.9012
2.275	0.7918	1.1231	1.0215	0.0823	0.1065	0.9016
2.300	0.8058	1.1412	0.9895	0.0828	0.1075	0.9018
2.325	0.7978	1.1560	0.9612	0.0832	0.1084	0.9019
2.350	0.8028	1.1715	0.9360	0.0837	0.1091	0.9019
2.375	0.8237	1.1839	0.9142	0.0842	0.1098	0.9019
2.400	0.8300	1.1870	0.8970	0.0848	0.1103	0.9017
2.425	0.8299	1.1890	0.8836	0.0854	0.1108	0.9015
2.450	0.8457	1.1846	0.8743	0.0860	0.1110	0.9012
2.475	0.8629	1.1757	0.8686	0.0866	0.1112	0.9009
2.500	0.8679	1.1635	0.8667	0.0873	0.1111	0.9006
2.525	0.8856	1.1485	0.8687	0.0880	0.1110	0.9002

2.550	0.8938	1.1304	0.8745	0.0887	0.1107	0.8998
2.575	0.9108	1.1113	0.8835	0.0894	0.1103	0.8994
2.600	0.9158	1.0907	0.8941	0.0901	0.1098	0.8991
2.625	0.9339	1.0698	0.9073	0.0909	0.1092	0.8987
2.650	0.9472	1.0517	0.9230	0.0916	0.1085	0.8984
2.675	0.9570	1.0302	0.9396	0.0923	0.1077	0.8982
2.700	0.9804	1.0103	0.9563	0.0931	0.1069	0.8980
2.725	0.9936	0.9928	0.9735	0.0938	0.1060	0.8978
2.750	0.9960	0.9762	0.9917	0.0946	0.1052	0.8977
2.775	1.0071	0.9597	1.0081	0.0953	0.1043	0.8976
2.800	1.0138	0.9463	1.0239	0.0960	0.1035	0.8976
2.825	1.0297	0.9360	1.0377	0.0967	0.1027	0.8977
2.850	1.0592	0.9263	1.0502	0.0974	0.1019	0.8977
2.875	1.0603	0.9175	1.0609	0.0981	0.1012	0.8979
2.900	1.0627	0.9120	1.0684	0.0987	0.1006	0.8980
2.925	1.0795	0.9080	1.0745	0.0993	0.1000	0.8982
2.950	1.1068	0.9060	1.0778	0.0999	0.0995	0.8984
2.975	1.1030	0.9050	1.0778	0.1005	0.0991	0.8986
3.000	1.1139	0.9049	1.0770	0.1010	0.0988	0.8988
3.025	1.1235	0.9061	1.0735	0.1015	0.0985	0.8990
3.050	1.1324	0.9088	1.0690	0.1020	0.0983	0.8992
3.075	1.1433	0.9130	1.0627	0.1025	0.0982	0.8994
3.100	1.1419	0.9195	1.0551	0.1029	0.0981	0.8995
3.125	1.1392	0.9251	1.0456	0.1032	0.0981	0.8996
3.150	1.1398	0.9327	1.0364	0.1035	0.0981	0.8997
3.175	1.1280	0.9393	1.0262	0.1038	0.0982	0.8998
3.200	1.1355	0.9483	1.0161	0.1040	0.0983	0.8999
3.225	1.1183	0.9558	1.0055	0.1041	0.0984	0.8999
3.250	1.1107	0.9645	0.9955	0.1042	0.0986	0.8999
3.275	1.1040	0.9752	0.9863	0.1042	0.0989	0.8999
3.300	1.0919	0.9838	0.9778	0.1042	0.0991	0.8999
3.325	1.0944	0.9931	0.9706	0.1042	0.0994	0.8998
3.350	1.0771	1.0023	0.9644	0.1041	0.0996	0.8997
3.375	1.0524	1.0105	0.9595	0.1039	0.0999	0.8997
3.400	1.0527	1.0187	0.9553	0.1037	0.1002	0.8996
3.425	1.0374	1.0241	0.9529	0.1034	0.1005	0.8995
3.450	1.0244	1.0314	0.9527	0.1031	0.1007	0.8994
3.475	1.0253	1.0373	0.9532	0.1028	0.1010	0.8994
3.500	0.9971	1.0414	0.9551	0.1024	0.1013	0.8993
3.525	0.9991	1.0448	0.9586	0.1020	0.1015	0.8992
3.550	0.9884	1.0488	0.9625	0.1016	0.1017	0.8992
3.575	0.9893	1.0507	0.9679	0.1012	0.1019	0.8991
3.600	0.9787	1.0543	0.9737	0.1008	0.1020	0.8991
3.625	0.9609	1.0534	0.9802	0.1004	0.1021	0.8991
3.650	0.9630	1.0545	0.9865	0.0999	0.1022	0.8991
3.675	0.9519	1.0527	0.9934	0.0995	0.1023	0.8991
3.700	0.9437	1.0522	1.0000	0.0991	0.1024	0.8991
3.725	0.9314	1.0504	1.0063	0.0987	0.1024	0.8991
3.750	0.9279	1.0465	1.0119	0.0983	0.1024	0.8991
3.775	0.9254	1.0424	1.0171	0.0979	0.1023	0.8992
3.800	0.9266	1.0381	1.0218	0.0976	0.1023	0.8992
3.825	0.9212	1.0334	1.0249	0.0973	0.1022	0.8993
3.850	0.9164	1.0275	1.0279	0.0970	0.1021	0.8994
3.875	0.9167	1.0237	1.0296	0.0967	0.1020	0.8994
3.900	0.9167	1.0171	1.0304	0.0965	0.1018	0.8995
3.925	0.9134	1.0120	1.0302	0.0962	0.1017	0.8996
3.950	0.9131	1.0061	1.0293	0.0961	0.1015	0.8996
3.975	0.9192	1.0004	1.0279	0.0959	0.1014	0.8997
4.000	1.0000	1.0000	1.0000	0.0958	0.1012	0.8997

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.116 x_1= 0.1001 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0004	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0182	0.0019	0.0001	1.0000	1.0000	0.0000
0.900	0.0881	0.0279	0.0059	1.0000	1.0000	0.0013
0.925	0.3468	0.1696	0.0673	1.0000	1.0000	0.0188
0.950	0.8083	0.5459	0.3290	1.0000	1.0000	0.1087
0.975	1.3180	1.1450	0.9004	1.0000	1.0000	0.3076
1.000	1.8995	1.7989	1.6480	1.0000	1.0000	0.5237
1.025	2.2885	2.3103	2.2974	1.0000	1.0000	0.6754
1.050	2.4782	2.6152	2.6791	1.0000	1.0000	0.7657
1.075	2.5711	2.7070	2.7737	1.0000	1.0000	0.8185
1.100	2.5246	2.6576	2.6594	1.0000	1.0000	0.8504
1.125	2.4210	2.5066	2.4318	1.0000	1.0000	0.8705
1.150	2.3001	2.3156	2.1666	1.0000	1.0000	0.8837
1.175	2.1885	2.1090	1.9030	1.0000	0.9999	0.8926
1.200	2.0325	1.9189	1.6636	1.0000	0.9987	0.8987
1.225	1.8790	1.7387	1.4560	1.0000	0.9894	0.9029
1.250	1.7602	1.5808	1.2820	1.0000	0.9500	0.9058
1.275	1.6679	1.4396	1.1371	1.0000	0.8502	0.9077
1.300	1.5223	1.3136	1.0187	0.9999	0.6924	0.9090
1.325	1.4365	1.2124	0.9238	0.9988	0.5257	0.9096
1.350	1.3459	1.1245	0.8457	0.9926	0.3914	0.9099
1.375	1.2647	1.0489	0.7837	0.9695	0.2973	0.9098
1.400	1.2232	0.9876	0.7358	0.9106	0.2343	0.9093
1.425	1.1587	0.9330	0.6999	0.8050	0.1922	0.9087
1.450	1.1111	0.8825	0.6722	0.6676	0.1636	0.9078
1.475	1.0639	0.8449	0.6540	0.5299	0.1437	0.9067
1.500	1.0250	0.8120	0.6427	0.4146	0.1295	0.9055
1.525	0.9902	0.7847	0.6381	0.3276	0.1191	0.9041
1.550	0.9594	0.7645	0.6387	0.2646	0.1114	0.9027
1.575	0.9373	0.7480	0.6454	0.2195	0.1057	0.9011
1.600	0.8986	0.7342	0.6575	0.1870	0.1013	0.8996
1.625	0.8929	0.7262	0.6743	0.1631	0.0980	0.8980
1.650	0.8590	0.7192	0.6965	0.1454	0.0955	0.8965
1.675	0.8464	0.7181	0.7229	0.1319	0.0936	0.8950
1.700	0.8253	0.7210	0.7552	0.1215	0.0923	0.8936
1.725	0.7870	0.7207	0.7918	0.1134	0.0913	0.8923
1.750	0.8020	0.7260	0.8333	0.1070	0.0906	0.8911
1.775	0.7871	0.7350	0.8780	0.1019	0.0903	0.8901
1.800	0.7936	0.7419	0.9239	0.0978	0.0901	0.8894
1.825	0.7636	0.7537	0.9700	0.0945	0.0902	0.8889
1.850	0.7632	0.7659	1.0144	0.0918	0.0904	0.8886
1.875	0.7541	0.7824	1.0574	0.0896	0.0908	0.8886
1.900	0.7397	0.8007	1.0968	0.0877	0.0913	0.8888
1.925	0.7607	0.8211	1.1340	0.0863	0.0920	0.8893
1.950	0.7536	0.8419	1.1670	0.0852	0.0927	0.8899
1.975	0.7520	0.8630	1.1957	0.0842	0.0936	0.8908
2.000	0.7476	0.8851	1.2184	0.0835	0.0945	0.8918
2.025	0.7278	0.9068	1.2352	0.0829	0.0955	0.8929
2.050	0.7535	0.9297	1.2437	0.0825	0.0966	0.8940
2.075	0.7579	0.9526	1.2432	0.0823	0.0977	0.8951
2.100	0.7622	0.9743	1.2340	0.0821	0.0989	0.8963
2.125	0.7502	0.9993	1.2159	0.0821	0.1000	0.8973
2.150	0.7646	1.0197	1.1907	0.0821	0.1012	0.8983
2.175	0.7699	1.0410	1.1600	0.0822	0.1024	0.8992
2.200	0.7819	1.0625	1.1265	0.0824	0.1035	0.8999
2.225	0.7935	1.0831	1.0914	0.0827	0.1047	0.9005
2.250	0.7947	1.1040	1.0563	0.0830	0.1057	0.9010
2.275	0.7999	1.1257	1.0223	0.0834	0.1068	0.9013
2.300	0.7965	1.1421	0.9904	0.0838	0.1077	0.9015
2.325	0.8213	1.1579	0.9611	0.0843	0.1086	0.9017
2.350	0.8181	1.1718	0.9365	0.0848	0.1094	0.9017
2.375	0.8289	1.1822	0.9150	0.0854	0.1101	0.9016
2.400	0.8489	1.1866	0.8971	0.0860	0.1106	0.9015
2.425	0.8700	1.1886	0.8836	0.0866	0.1110	0.9013
2.450	0.8700	1.1842	0.8742	0.0873	0.1113	0.9010
2.475	0.8897	1.1737	0.8689	0.0880	0.1114	0.9007
2.500	0.8939	1.1651	0.8665	0.0887	0.1114	0.9003
2.525	0.9162	1.1483	0.8690	0.0894	0.1113	0.8999

2.550	0.9182	1.1309	0.8749	0.0901	0.1110	0.8996
2.575	0.9255	1.1114	0.8828	0.0909	0.1106	0.8992
2.600	0.9369	1.0893	0.8937	0.0916	0.1101	0.8988
2.625	0.9531	1.0702	0.9073	0.0924	0.1094	0.8985
2.650	0.9597	1.0491	0.9221	0.0931	0.1087	0.8982
2.675	0.9856	1.0293	0.9386	0.0939	0.1080	0.8979
2.700	0.9899	1.0089	0.9558	0.0947	0.1071	0.8977
2.725	0.9937	0.9921	0.9735	0.0954	0.1063	0.8976
2.750	1.0132	0.9731	0.9912	0.0962	0.1054	0.8975
2.775	1.0276	0.9601	1.0078	0.0969	0.1046	0.8974
2.800	1.0257	0.9461	1.0235	0.0976	0.1037	0.8974
2.825	1.0601	0.9360	1.0377	0.0983	0.1029	0.8974
2.850	1.0590	0.9273	1.0498	0.0990	0.1022	0.8975
2.875	1.0645	0.9191	1.0603	0.0997	0.1015	0.8976
2.900	1.0661	0.9134	1.0683	0.1003	0.1008	0.8977
2.925	1.0985	0.9076	1.0737	0.1009	0.1003	0.8979
2.950	1.1040	0.9054	1.0768	0.1015	0.0998	0.8981
2.975	1.1099	0.9044	1.0777	0.1021	0.0994	0.8983
3.000	1.1326	0.9058	1.0759	0.1026	0.0990	0.8985
3.025	1.1365	0.9074	1.0733	0.1031	0.0988	0.8987
3.050	1.1301	0.9103	1.0684	0.1036	0.0986	0.8989
3.075	1.1426	0.9138	1.0620	0.1040	0.0984	0.8991
3.100	1.1385	0.9188	1.0537	0.1044	0.0983	0.8992
3.125	1.1471	0.9243	1.0456	0.1047	0.0983	0.8994
3.150	1.1381	0.9309	1.0356	0.1050	0.0983	0.8995
3.175	1.1383	0.9392	1.0256	0.1052	0.0984	0.8995
3.200	1.1300	0.9472	1.0158	0.1054	0.0985	0.8996
3.225	1.1273	0.9560	1.0057	0.1055	0.0987	0.8996
3.250	1.1266	0.9660	0.9959	0.1056	0.0989	0.8996
3.275	1.1182	0.9741	0.9866	0.1056	0.0991	0.8996
3.300	1.0992	0.9834	0.9780	0.1056	0.0993	0.8996
3.325	1.0980	0.9921	0.9705	0.1055	0.0996	0.8995
3.350	1.0836	1.0015	0.9644	0.1054	0.0999	0.8995
3.375	1.0748	1.0083	0.9591	0.1052	0.1002	0.8994
3.400	1.0679	1.0171	0.9556	0.1050	0.1004	0.8993
3.425	1.0496	1.0232	0.9537	0.1048	0.1007	0.8993
3.450	1.0494	1.0308	0.9528	0.1045	0.1010	0.8992
3.475	1.0401	1.0370	0.9536	0.1042	0.1012	0.8991
3.500	1.0253	1.0415	0.9551	0.1038	0.1015	0.8990
3.525	1.0155	1.0456	0.9587	0.1034	0.1017	0.8990
3.550	1.0107	1.0502	0.9627	0.1030	0.1019	0.8989
3.575	0.9913	1.0519	0.9673	0.1026	0.1021	0.8989
3.600	0.9848	1.0533	0.9735	0.1022	0.1023	0.8988
3.625	0.9758	1.0546	0.9794	0.1017	0.1024	0.8988
3.650	0.9728	1.0536	0.9866	0.1013	0.1025	0.8988
3.675	0.9646	1.0529	0.9930	0.1009	0.1026	0.8988
3.700	0.9523	1.0517	0.9993	0.1005	0.1026	0.8988
3.725	0.9527	1.0497	1.0058	0.1001	0.1026	0.8988
3.750	0.9434	1.0461	1.0115	0.0997	0.1026	0.8989
3.775	0.9474	1.0426	1.0165	0.0993	0.1026	0.8989
3.800	0.9316	1.0384	1.0211	0.0989	0.1025	0.8990
3.825	0.9380	1.0329	1.0249	0.0986	0.1024	0.8990
3.850	0.9292	1.0297	1.0274	0.0983	0.1023	0.8991
3.875	0.9352	1.0235	1.0294	0.0981	0.1022	0.8992
3.900	0.9396	1.0176	1.0300	0.0978	0.1021	0.8992
3.925	0.9353	1.0137	1.0300	0.0976	0.1019	0.8993
3.950	0.9310	1.0073	1.0290	0.0975	0.1018	0.8994
3.975	0.9337	1.0019	1.0275	0.0973	0.1016	0.8994
4.000	1.0000	1.0000	1.0000	0.0972	0.1015	0.8995

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.134 x_1= 0.2500 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0006	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0152	0.0019	0.0001	1.0000	1.0000	0.0000
0.900	0.0925	0.0273	0.0056	1.0000	1.0000	0.0004
0.925	0.3442	0.1655	0.0646	1.0000	1.0000	0.0062
0.950	0.7963	0.5368	0.3175	1.0000	1.0000	0.0382
0.975	1.3357	1.1280	0.8694	1.0000	1.0000	0.1265
1.000	1.8700	1.7675	1.5974	1.0000	1.0000	0.2641
1.025	2.2416	2.2780	2.2316	1.0000	1.0000	0.4047
1.050	2.4778	2.5737	2.6088	1.0000	1.0000	0.5166
1.075	2.5181	2.6665	2.7030	1.0000	1.0000	0.5960
1.100	2.5301	2.6021	2.6001	1.0000	1.0000	0.6504
1.125	2.4127	2.4700	2.3866	1.0000	1.0000	0.6876
1.150	2.2770	2.2876	2.1300	1.0000	1.0000	0.7133
1.175	2.1521	2.0884	1.8770	1.0000	1.0000	0.7312
1.200	1.9763	1.8990	1.6477	1.0000	0.9996	0.7438
1.225	1.8593	1.7218	1.4471	1.0000	0.9966	0.7526
1.250	1.7398	1.5644	1.2793	1.0000	0.9832	0.7587
1.275	1.6285	1.4293	1.1386	1.0000	0.9457	0.7629
1.300	1.5119	1.3157	1.0263	1.0000	0.8735	0.7655
1.325	1.4323	1.2134	0.9351	0.9996	0.7725	0.7669
1.350	1.3610	1.1284	0.8615	0.9975	0.6632	0.7674
1.375	1.2698	1.0532	0.8031	0.9898	0.5642	0.7672
1.400	1.2146	0.9951	0.7575	0.9687	0.4834	0.7664
1.425	1.1541	0.9364	0.7237	0.9260	0.4212	0.7650
1.450	1.1246	0.8920	0.7041	0.8587	0.3742	0.7633
1.475	1.0668	0.8537	0.6898	0.7732	0.3389	0.7614
1.500	1.0272	0.8257	0.6827	0.6818	0.3124	0.7592
1.525	0.9872	0.8015	0.6822	0.5958	0.2923	0.7568
1.550	0.9549	0.7813	0.6849	0.5212	0.2770	0.7542
1.575	0.9235	0.7668	0.6942	0.4596	0.2653	0.7516
1.600	0.9027	0.7582	0.7036	0.4101	0.2562	0.7490
1.625	0.8817	0.7504	0.7174	0.3709	0.2493	0.7463
1.650	0.8564	0.7471	0.7349	0.3398	0.2440	0.7437
1.675	0.8380	0.7451	0.7560	0.3150	0.2401	0.7411
1.700	0.8273	0.7467	0.7818	0.2951	0.2371	0.7387
1.725	0.8120	0.7519	0.8113	0.2791	0.2351	0.7364
1.750	0.8099	0.7551	0.8431	0.2662	0.2337	0.7343
1.775	0.8026	0.7637	0.8781	0.2557	0.2329	0.7325
1.800	0.7885	0.7732	0.9169	0.2472	0.2326	0.7311
1.825	0.7754	0.7820	0.9540	0.2401	0.2327	0.7300
1.850	0.7868	0.7941	0.9930	0.2344	0.2332	0.7293
1.875	0.7745	0.8061	1.0297	0.2298	0.2339	0.7291
1.900	0.7686	0.8202	1.0659	0.2259	0.2350	0.7294
1.925	0.7650	0.8362	1.1009	0.2228	0.2362	0.7300
1.950	0.7735	0.8512	1.1320	0.2203	0.2376	0.7311
1.975	0.7775	0.8679	1.1594	0.2183	0.2392	0.7324
2.000	0.7701	0.8864	1.1839	0.2168	0.2408	0.7341
2.025	0.7736	0.9073	1.2024	0.2156	0.2426	0.7360
2.050	0.7762	0.9255	1.2130	0.2148	0.2445	0.7380
2.075	0.7770	0.9432	1.2149	0.2143	0.2464	0.7401
2.100	0.7785	0.9668	1.2079	0.2139	0.2484	0.7421
2.125	0.7817	0.9848	1.1955	0.2138	0.2504	0.7441
2.150	0.7923	1.0047	1.1744	0.2140	0.2524	0.7459
2.175	0.7920	1.0241	1.1490	0.2143	0.2544	0.7475
2.200	0.7969	1.0438	1.1191	0.2148	0.2563	0.7489
2.225	0.8049	1.0626	1.0887	0.2154	0.2583	0.7501
2.250	0.8126	1.0811	1.0567	0.2161	0.2601	0.7510
2.275	0.8241	1.1028	1.0273	0.2169	0.2619	0.7517
2.300	0.8348	1.1184	1.0006	0.2179	0.2636	0.7522
2.325	0.8419	1.1351	0.9757	0.2190	0.2652	0.7524
2.350	0.8451	1.1487	0.9529	0.2201	0.2666	0.7525
2.375	0.8564	1.1569	0.9356	0.2213	0.2679	0.7525
2.400	0.8689	1.1664	0.9194	0.2225	0.2689	0.7523
2.425	0.8760	1.1653	0.9072	0.2238	0.2698	0.7519
2.450	0.8807	1.1626	0.8986	0.2251	0.2704	0.7515
2.475	0.8949	1.1554	0.8950	0.2265	0.2707	0.7510
2.500	0.8967	1.1459	0.8927	0.2278	0.2709	0.7505
2.525	0.9080	1.1343	0.8962	0.2292	0.2707	0.7499

2.550	0.9252	1.1199	0.9000	0.2306	0.2704	0.7493
2.575	0.9304	1.1034	0.9065	0.2321	0.2698	0.7487
2.600	0.9382	1.0862	0.9148	0.2335	0.2689	0.7482
2.625	0.9441	1.0671	0.9253	0.2349	0.2679	0.7476
2.650	0.9615	1.0502	0.9350	0.2363	0.2668	0.7472
2.675	0.9752	1.0312	0.9476	0.2377	0.2655	0.7467
2.700	0.9916	1.0152	0.9602	0.2392	0.2640	0.7464
2.725	0.9973	0.9983	0.9747	0.2406	0.2625	0.7461
2.750	1.0048	0.9846	0.9878	0.2420	0.2610	0.7459
2.775	1.0159	0.9714	1.0007	0.2433	0.2594	0.7457
2.800	1.0291	0.9608	1.0134	0.2446	0.2579	0.7457
2.825	1.0335	0.9507	1.0237	0.2459	0.2564	0.7457
2.850	1.0487	0.9421	1.0331	0.2472	0.2550	0.7458
2.875	1.0667	0.9347	1.0430	0.2485	0.2537	0.7460
2.900	1.0653	0.9294	1.0502	0.2497	0.2525	0.7462
2.925	1.0812	0.9256	1.0547	0.2508	0.2514	0.7464
2.950	1.0892	0.9247	1.0580	0.2520	0.2505	0.7467
2.975	1.1035	0.9222	1.0598	0.2531	0.2497	0.7471
3.000	1.1181	0.9216	1.0599	0.2541	0.2490	0.7474
3.025	1.1198	0.9231	1.0588	0.2551	0.2485	0.7477
3.050	1.1228	0.9253	1.0562	0.2560	0.2481	0.7481
3.075	1.1321	0.9296	1.0519	0.2569	0.2478	0.7484
3.100	1.1310	0.9328	1.0463	0.2577	0.2476	0.7486
3.125	1.1318	0.9370	1.0394	0.2584	0.2475	0.7489
3.150	1.1287	0.9415	1.0323	0.2590	0.2475	0.7490
3.175	1.1270	0.9481	1.0256	0.2594	0.2476	0.7492
3.200	1.1263	0.9536	1.0174	0.2599	0.2477	0.7493
3.225	1.1201	0.9611	1.0095	0.2602	0.2480	0.7494
3.250	1.1132	0.9688	1.0016	0.2604	0.2483	0.7494
3.275	1.1093	0.9751	0.9946	0.2605	0.2486	0.7494
3.300	1.0993	0.9815	0.9879	0.2606	0.2490	0.7494
3.325	1.0959	0.9890	0.9818	0.2605	0.2494	0.7493
3.350	1.0758	0.9960	0.9759	0.2604	0.2498	0.7493
3.375	1.0730	1.0022	0.9726	0.2601	0.2503	0.7492
3.400	1.0535	1.0083	0.9702	0.2597	0.2507	0.7491
3.425	1.0527	1.0132	0.9677	0.2593	0.2511	0.7490
3.450	1.0357	1.0185	0.9670	0.2588	0.2516	0.7489
3.475	1.0278	1.0239	0.9676	0.2582	0.2520	0.7488
3.500	1.0195	1.0302	0.9683	0.2575	0.2524	0.7487
3.525	1.0120	1.0328	0.9698	0.2568	0.2527	0.7486
3.550	1.0004	1.0362	0.9726	0.2561	0.2531	0.7485
3.575	0.9981	1.0385	0.9756	0.2553	0.2534	0.7484
3.600	0.9905	1.0405	0.9796	0.2545	0.2536	0.7483
3.625	0.9784	1.0429	0.9838	0.2537	0.2539	0.7483
3.650	0.9748	1.0412	0.9886	0.2529	0.2540	0.7483
3.675	0.9657	1.0409	0.9928	0.2521	0.2542	0.7483
3.700	0.9617	1.0416	0.9987	0.2513	0.2543	0.7483
3.725	0.9611	1.0404	1.0027	0.2506	0.2543	0.7483
3.750	0.9601	1.0372	1.0076	0.2499	0.2543	0.7484
3.775	0.9489	1.0356	1.0109	0.2492	0.2543	0.7485
3.800	0.9472	1.0314	1.0139	0.2485	0.2542	0.7485
3.825	0.9441	1.0289	1.0170	0.2479	0.2541	0.7486
3.850	0.9376	1.0246	1.0188	0.2473	0.2539	0.7487
3.875	0.9385	1.0215	1.0202	0.2468	0.2538	0.7488
3.900	0.9394	1.0176	1.0216	0.2463	0.2536	0.7489
3.925	0.9425	1.0122	1.0219	0.2459	0.2533	0.7490
3.950	0.9392	1.0093	1.0215	0.2455	0.2531	0.7491
3.975	0.9423	1.0042	1.0199	0.2452	0.2529	0.7492
4.000	1.0000	1.0000	1.0000	0.2450	0.2526	0.7492

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.134 x_1= 0.2500 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0009	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0131	0.0020	0.0001	1.0000	1.0000	0.0000
0.900	0.0978	0.0277	0.0056	1.0000	1.0000	0.0004
0.925	0.3401	0.1635	0.0643	1.0000	1.0000	0.0061
0.950	0.8097	0.5367	0.3185	1.0000	1.0000	0.0383
0.975	1.3597	1.1243	0.8711	1.0000	1.0000	0.1269
1.000	1.8821	1.7591	1.5965	1.0000	1.0000	0.2645
1.025	2.3025	2.2715	2.2343	1.0000	1.0000	0.4051
1.050	2.4905	2.5677	2.6083	1.0000	1.0000	0.5170
1.075	2.5527	2.6593	2.7039	1.0000	1.0000	0.5964
1.100	2.5200	2.6055	2.5973	1.0000	1.0000	0.6507
1.125	2.4149	2.4647	2.3862	1.0000	1.0000	0.6878
1.150	2.2870	2.2813	2.1289	1.0000	1.0000	0.7134
1.175	2.1639	2.0884	1.8749	1.0000	1.0000	0.7313
1.200	2.0169	1.8985	1.6437	1.0000	0.9996	0.7438
1.225	1.8920	1.7190	1.4445	1.0000	0.9966	0.7526
1.250	1.7905	1.5685	1.2762	1.0000	0.9832	0.7587
1.275	1.6554	1.4335	1.1356	1.0000	0.9455	0.7628
1.300	1.5469	1.3102	1.0242	1.0000	0.8731	0.7653
1.325	1.4455	1.2146	0.9324	0.9996	0.7721	0.7667
1.350	1.3580	1.1236	0.8589	0.9975	0.6628	0.7672
1.375	1.2869	1.0590	0.8030	0.9899	0.5637	0.7669
1.400	1.2221	0.9898	0.7592	0.9692	0.4830	0.7661
1.425	1.1576	0.9403	0.7255	0.9270	0.4208	0.7648
1.450	1.1125	0.8923	0.7029	0.8602	0.3739	0.7632
1.475	1.0714	0.8582	0.6867	0.7754	0.3387	0.7612
1.500	1.0408	0.8273	0.6834	0.6847	0.3122	0.7589
1.525	1.0186	0.8024	0.6810	0.5991	0.2922	0.7565
1.550	0.9682	0.7805	0.6860	0.5247	0.2769	0.7540
1.575	0.9455	0.7662	0.6940	0.4632	0.2652	0.7514
1.600	0.9207	0.7574	0.7040	0.4137	0.2562	0.7488
1.625	0.8987	0.7513	0.7180	0.3743	0.2493	0.7461
1.650	0.8705	0.7479	0.7349	0.3430	0.2440	0.7435
1.675	0.8467	0.7496	0.7572	0.3180	0.2401	0.7410
1.700	0.8430	0.7510	0.7814	0.2980	0.2372	0.7386
1.725	0.8294	0.7549	0.8097	0.2820	0.2352	0.7363
1.750	0.8098	0.7613	0.8421	0.2690	0.2339	0.7343
1.775	0.8093	0.7677	0.8775	0.2584	0.2331	0.7325
1.800	0.8007	0.7743	0.9153	0.2497	0.2328	0.7310
1.825	0.7853	0.7839	0.9543	0.2427	0.2330	0.7299
1.850	0.7789	0.7929	0.9911	0.2368	0.2334	0.7293
1.875	0.7736	0.8044	1.0307	0.2320	0.2342	0.7291
1.900	0.7726	0.8189	1.0671	0.2281	0.2352	0.7293
1.925	0.7774	0.8348	1.1001	0.2249	0.2364	0.7300
1.950	0.7770	0.8525	1.1329	0.2224	0.2378	0.7310
1.975	0.7737	0.8694	1.1603	0.2204	0.2394	0.7324
2.000	0.7712	0.8859	1.1842	0.2188	0.2411	0.7341
2.025	0.7807	0.9061	1.2014	0.2176	0.2428	0.7360
2.050	0.7770	0.9253	1.2129	0.2167	0.2447	0.7380
2.075	0.7857	0.9429	1.2145	0.2161	0.2466	0.7401
2.100	0.7837	0.9630	1.2077	0.2158	0.2486	0.7422
2.125	0.7912	0.9839	1.1935	0.2157	0.2505	0.7441
2.150	0.8015	1.0051	1.1736	0.2158	0.2525	0.7459
2.175	0.8003	1.0239	1.1471	0.2161	0.2545	0.7475
2.200	0.8171	1.0416	1.1178	0.2166	0.2565	0.7489
2.225	0.8105	1.0624	1.0873	0.2172	0.2584	0.7500
2.250	0.8203	1.0820	1.0562	0.2179	0.2602	0.7510
2.275	0.8321	1.0991	1.0265	0.2188	0.2620	0.7517
2.300	0.8405	1.1154	0.9988	0.2197	0.2637	0.7521
2.325	0.8351	1.1331	0.9736	0.2207	0.2653	0.7524
2.350	0.8548	1.1484	0.9520	0.2218	0.2667	0.7525
2.375	0.8533	1.1574	0.9333	0.2230	0.2679	0.7524
2.400	0.8592	1.1623	0.9181	0.2242	0.2690	0.7522
2.425	0.8723	1.1642	0.9070	0.2254	0.2698	0.7518
2.450	0.8810	1.1631	0.8999	0.2266	0.2704	0.7514
2.475	0.8864	1.1563	0.8947	0.2279	0.2708	0.7509
2.500	0.9038	1.1468	0.8938	0.2293	0.2709	0.7504
2.525	0.9113	1.1329	0.8954	0.2306	0.2708	0.7498

2.550	0.9172	1.1183	0.9000	0.2320	0.2704	0.7492
2.575	0.9294	1.1024	0.9060	0.2333	0.2698	0.7486
2.600	0.9325	1.0840	0.9136	0.2347	0.2690	0.7480
2.625	0.9448	1.0662	0.9246	0.2360	0.2679	0.7475
2.650	0.9605	1.0464	0.9352	0.2373	0.2668	0.7470
2.675	0.9715	1.0304	0.9473	0.2387	0.2654	0.7466
2.700	0.9761	1.0132	0.9609	0.2401	0.2640	0.7463
2.725	0.9860	0.9974	0.9738	0.2414	0.2625	0.7460
2.750	1.0002	0.9853	0.9875	0.2427	0.2609	0.7458
2.775	1.0113	0.9718	0.9987	0.2440	0.2594	0.7457
2.800	1.0262	0.9608	1.0119	0.2453	0.2578	0.7456
2.825	1.0357	0.9507	1.0233	0.2466	0.2564	0.7456
2.850	1.0444	0.9425	1.0339	0.2478	0.2550	0.7457
2.875	1.0604	0.9350	1.0412	0.2491	0.2537	0.7459
2.900	1.0715	0.9289	1.0492	0.2503	0.2525	0.7461
2.925	1.0820	0.9264	1.0537	0.2514	0.2514	0.7463
2.950	1.1005	0.9235	1.0576	0.2525	0.2505	0.7466
2.975	1.1008	0.9226	1.0594	0.2536	0.2497	0.7470
3.000	1.1155	0.9211	1.0601	0.2547	0.2490	0.7473
3.025	1.1255	0.9236	1.0587	0.2557	0.2485	0.7477
3.050	1.1245	0.9264	1.0554	0.2566	0.2481	0.7480
3.075	1.1327	0.9300	1.0521	0.2574	0.2478	0.7483
3.100	1.1349	0.9329	1.0457	0.2582	0.2476	0.7485
3.125	1.1398	0.9387	1.0396	0.2589	0.2475	0.7488
3.150	1.1375	0.9430	1.0330	0.2596	0.2476	0.7490
3.175	1.1359	0.9493	1.0243	0.2601	0.2477	0.7491
3.200	1.1287	0.9563	1.0169	0.2605	0.2478	0.7492
3.225	1.1291	0.9628	1.0091	0.2608	0.2481	0.7493
3.250	1.1225	0.9693	1.0014	0.2611	0.2484	0.7493
3.275	1.1097	0.9748	0.9934	0.2612	0.2487	0.7493
3.300	1.0997	0.9824	0.9880	0.2613	0.2491	0.7493
3.325	1.0948	0.9901	0.9808	0.2612	0.2495	0.7493
3.350	1.0847	0.9959	0.9761	0.2610	0.2499	0.7492
3.375	1.0784	1.0033	0.9719	0.2608	0.2504	0.7491
3.400	1.0709	1.0098	0.9689	0.2605	0.2508	0.7490
3.425	1.0587	1.0154	0.9674	0.2601	0.2513	0.7489
3.450	1.0475	1.0199	0.9658	0.2596	0.2517	0.7488
3.475	1.0438	1.0241	0.9662	0.2590	0.2521	0.7487
3.500	1.0320	1.0282	0.9669	0.2584	0.2525	0.7486
3.525	1.0158	1.0319	0.9692	0.2577	0.2528	0.7485
3.550	1.0103	1.0357	0.9721	0.2570	0.2532	0.7484
3.575	1.0061	1.0367	0.9758	0.2563	0.2535	0.7483
3.600	0.9934	1.0402	0.9791	0.2555	0.2537	0.7482
3.625	0.9899	1.0413	0.9833	0.2547	0.2539	0.7482
3.650	0.9883	1.0418	0.9877	0.2539	0.2541	0.7482
3.675	0.9725	1.0409	0.9929	0.2531	0.2543	0.7482
3.700	0.9676	1.0407	0.9981	0.2523	0.2543	0.7482
3.725	0.9607	1.0400	1.0015	0.2516	0.2544	0.7482
3.750	0.9659	1.0368	1.0057	0.2508	0.2544	0.7483
3.775	0.9560	1.0348	1.0099	0.2501	0.2544	0.7484
3.800	0.9568	1.0323	1.0133	0.2495	0.2543	0.7484
3.825	0.9485	1.0302	1.0158	0.2489	0.2542	0.7485
3.850	0.9488	1.0253	1.0181	0.2483	0.2540	0.7486
3.875	0.9511	1.0208	1.0200	0.2478	0.2539	0.7487
3.900	0.9459	1.0169	1.0203	0.2474	0.2537	0.7488
3.925	0.9469	1.0125	1.0208	0.2469	0.2534	0.7489
3.950	0.9457	1.0078	1.0210	0.2466	0.2532	0.7490
3.975	0.9450	1.0036	1.0206	0.2463	0.2530	0.7491
4.000	1.0000	1.0000	1.0000	0.2461	0.2527	0.7491

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.177 x_1= 0.5000 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0005	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0119	0.0020	0.0001	1.0000	1.0000	0.0000
0.900	0.0893	0.0259	0.0049	1.0000	1.0000	0.0001
0.925	0.3202	0.1564	0.0558	1.0000	1.0000	0.0019
0.950	0.7426	0.5044	0.2808	1.0000	1.0000	0.0119
0.975	1.2858	1.0574	0.7746	1.0000	1.0000	0.0425
1.000	1.7974	1.6706	1.4323	1.0000	1.0000	0.0993
1.025	2.1390	2.1510	2.0197	1.0000	1.0000	0.1731
1.050	2.3536	2.4481	2.3851	1.0000	1.0000	0.2483
1.075	2.4336	2.5451	2.4974	1.0000	1.0000	0.3140
1.100	2.4011	2.5094	2.4239	1.0000	1.0000	0.3665
1.125	2.3248	2.3733	2.2475	1.0000	1.0000	0.4069
1.150	2.2022	2.2082	2.0286	1.0000	1.0000	0.4371
1.175	2.0675	2.0185	1.8046	1.0000	1.0000	0.4595
1.200	1.9366	1.8486	1.5998	1.0000	0.9999	0.4759
1.225	1.8088	1.6850	1.4257	1.0000	0.9990	0.4877
1.250	1.6977	1.5419	1.2745	1.0000	0.9949	0.4961
1.275	1.5852	1.4164	1.1478	1.0000	0.9828	0.5018
1.300	1.4966	1.3053	1.0474	1.0000	0.9575	0.5054
1.325	1.4124	1.2139	0.9667	0.9999	0.9171	0.5074
1.350	1.3280	1.1359	0.9016	0.9992	0.8649	0.5083
1.375	1.2706	1.0658	0.8557	0.9966	0.8077	0.5084
1.400	1.2035	1.0061	0.8202	0.9896	0.7517	0.5078
1.425	1.1527	0.9591	0.7961	0.9748	0.7013	0.5068
1.450	1.0984	0.9218	0.7826	0.9496	0.6581	0.5055
1.475	1.0638	0.8885	0.7800	0.9137	0.6223	0.5040
1.500	1.0213	0.8630	0.7857	0.8693	0.5931	0.5025
1.525	0.9845	0.8429	0.7891	0.8205	0.5696	0.5009
1.550	0.9608	0.8292	0.7978	0.7715	0.5508	0.4993
1.575	0.9368	0.8187	0.8065	0.7251	0.5359	0.4977
1.600	0.9117	0.8155	0.8132	0.6831	0.5241	0.4961
1.625	0.8869	0.8151	0.8180	0.6462	0.5148	0.4944
1.650	0.8720	0.8189	0.8266	0.6143	0.5077	0.4926
1.675	0.8569	0.8189	0.8332	0.5871	0.5023	0.4908
1.700	0.8457	0.8263	0.8411	0.5642	0.4982	0.4889
1.725	0.8449	0.8288	0.8550	0.5450	0.4954	0.4870
1.750	0.8266	0.8352	0.8676	0.5289	0.4934	0.4852
1.775	0.8225	0.8408	0.8881	0.5154	0.4922	0.4834
1.800	0.8173	0.8423	0.9049	0.5041	0.4917	0.4819
1.825	0.8104	0.8472	0.9276	0.4947	0.4916	0.4806
1.850	0.8140	0.8508	0.9516	0.4868	0.4919	0.4795
1.875	0.8121	0.8568	0.9778	0.4803	0.4924	0.4789
1.900	0.8109	0.8609	1.0019	0.4750	0.4932	0.4787
1.925	0.8174	0.8683	1.0288	0.4707	0.4942	0.4788
1.950	0.8186	0.8756	1.0549	0.4672	0.4952	0.4794
1.975	0.8180	0.8860	1.0785	0.4645	0.4963	0.4803
2.000	0.8260	0.8970	1.1013	0.4623	0.4975	0.4815
2.025	0.8321	0.9060	1.1213	0.4608	0.4987	0.4830
2.050	0.8337	0.9170	1.1344	0.4597	0.4999	0.4847
2.075	0.8316	0.9291	1.1417	0.4591	0.5011	0.4866
2.100	0.8390	0.9433	1.1433	0.4588	0.5023	0.4885
2.125	0.8390	0.9568	1.1381	0.4588	0.5035	0.4903
2.150	0.8426	0.9702	1.1257	0.4590	0.5047	0.4920
2.175	0.8461	0.9872	1.1117	0.4595	0.5060	0.4936
2.200	0.8498	1.0012	1.0940	0.4601	0.5074	0.4951
2.225	0.8535	1.0173	1.0739	0.4609	0.5087	0.4963
2.250	0.8575	1.0350	1.0544	0.4619	0.5101	0.4973
2.275	0.8619	1.0506	1.0359	0.4629	0.5116	0.4981
2.300	0.8648	1.0668	1.0182	0.4641	0.5130	0.4987
2.325	0.8699	1.0830	1.0007	0.4653	0.5144	0.4991
2.350	0.8725	1.0937	0.9886	0.4666	0.5157	0.4993
2.375	0.8792	1.1038	0.9755	0.4679	0.5170	0.4995
2.400	0.8822	1.1101	0.9641	0.4693	0.5181	0.4995
2.425	0.8898	1.1147	0.9556	0.4706	0.5191	0.4994
2.450	0.8947	1.1170	0.9526	0.4720	0.5200	0.4992
2.475	0.8982	1.1133	0.9491	0.4733	0.5207	0.4990
2.500	0.9037	1.1077	0.9478	0.4746	0.5211	0.4987
2.525	0.9134	1.0987	0.9492	0.4759	0.5213	0.4985

2.550	0.9167	1.0907	0.9494	0.4772	0.5213	0.4982
2.575	0.9271	1.0791	0.9531	0.4785	0.5211	0.4979
2.600	0.9331	1.0686	0.9553	0.4798	0.5206	0.4976
2.625	0.9424	1.0579	0.9611	0.4811	0.5200	0.4973
2.650	0.9506	1.0436	0.9645	0.4824	0.5192	0.4971
2.675	0.9587	1.0318	0.9680	0.4837	0.5181	0.4968
2.700	0.9635	1.0217	0.9738	0.4849	0.5170	0.4966
2.725	0.9763	1.0098	0.9814	0.4862	0.5157	0.4965
2.750	0.9823	1.0023	0.9852	0.4875	0.5143	0.4963
2.775	0.9935	0.9935	0.9899	0.4888	0.5130	0.4962
2.800	1.0017	0.9845	0.9956	0.4901	0.5115	0.4961
2.825	1.0101	0.9783	1.0018	0.4914	0.5101	0.4961
2.850	1.0214	0.9724	1.0060	0.4926	0.5088	0.4961
2.875	1.0333	0.9677	1.0112	0.4939	0.5075	0.4961
2.900	1.0444	0.9634	1.0147	0.4952	0.5064	0.4962
2.925	1.0501	0.9619	1.0187	0.4965	0.5053	0.4963
2.950	1.0596	0.9593	1.0223	0.4978	0.5043	0.4965
2.975	1.0710	0.9600	1.0245	0.4990	0.5035	0.4966
3.000	1.0749	0.9587	1.0266	0.5002	0.5027	0.4968
3.025	1.0837	0.9586	1.0280	0.5013	0.5021	0.4971
3.050	1.0906	0.9609	1.0292	0.5024	0.5016	0.4973
3.075	1.0956	0.9619	1.0277	0.5035	0.5012	0.4976
3.100	1.0946	0.9629	1.0267	0.5045	0.5009	0.4978
3.125	1.0977	0.9666	1.0240	0.5054	0.5007	0.4980
3.150	1.1006	0.9670	1.0215	0.5063	0.5006	0.4982
3.175	1.1006	0.9698	1.0192	0.5070	0.5005	0.4984
3.200	1.0974	0.9722	1.0166	0.5077	0.5005	0.4985
3.225	1.0950	0.9755	1.0124	0.5083	0.5006	0.4986
3.250	1.0945	0.9772	1.0101	0.5088	0.5007	0.4987
3.275	1.0885	0.9808	1.0058	0.5092	0.5008	0.4988
3.300	1.0814	0.9845	1.0017	0.5095	0.5010	0.4988
3.325	1.0748	0.9877	0.9996	0.5097	0.5012	0.4989
3.350	1.0693	0.9903	0.9960	0.5098	0.5014	0.4989
3.375	1.0602	0.9938	0.9942	0.5097	0.5016	0.4989
3.400	1.0552	0.9962	0.9918	0.5096	0.5018	0.4989
3.425	1.0465	0.9986	0.9909	0.5094	0.5020	0.4988
3.450	1.0401	1.0008	0.9891	0.5091	0.5022	0.4988
3.475	1.0319	1.0039	0.9898	0.5087	0.5025	0.4988
3.500	1.0274	1.0069	0.9896	0.5082	0.5027	0.4988
3.525	1.0205	1.0113	0.9895	0.5076	0.5028	0.4987
3.550	1.0127	1.0122	0.9894	0.5070	0.5030	0.4987
3.575	1.0067	1.0143	0.9904	0.5064	0.5032	0.4987
3.600	1.0027	1.0153	0.9921	0.5057	0.5034	0.4986
3.625	0.9954	1.0167	0.9934	0.5050	0.5035	0.4986
3.650	0.9934	1.0191	0.9946	0.5043	0.5036	0.4986
3.675	0.9873	1.0197	0.9959	0.5035	0.5037	0.4986
3.700	0.9859	1.0204	0.9985	0.5028	0.5038	0.4987
3.725	0.9840	1.0210	0.9982	0.5021	0.5039	0.4987
3.750	0.9799	1.0205	1.0002	0.5014	0.5039	0.4987
3.775	0.9768	1.0196	1.0020	0.5008	0.5039	0.4987
3.800	0.9721	1.0201	1.0030	0.5001	0.5039	0.4988
3.825	0.9735	1.0169	1.0041	0.4996	0.5039	0.4988
3.850	0.9711	1.0166	1.0055	0.4990	0.5039	0.4989
3.875	0.9669	1.0155	1.0066	0.4985	0.5038	0.4989
3.900	0.9705	1.0139	1.0082	0.4980	0.5037	0.4990
3.925	0.9684	1.0096	1.0082	0.4976	0.5036	0.4990
3.950	0.9694	1.0092	1.0085	0.4973	0.5035	0.4991
3.975	0.9671	1.0070	1.0083	0.4969	0.5033	0.4991
4.000	1.0000	1.0000	1.0000	0.4967	0.5032	0.4992

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.177 x_1= 0.5000 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0005	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0121	0.0017	0.0001	1.0000	1.0000	0.0000
0.900	0.0905	0.0259	0.0048	1.0000	1.0000	0.0001
0.925	0.3263	0.1551	0.0560	1.0000	1.0000	0.0019
0.950	0.7612	0.5009	0.2811	1.0000	1.0000	0.0120
0.975	1.2962	1.0563	0.7743	1.0000	1.0000	0.0425
1.000	1.8026	1.6600	1.4344	1.0000	1.0000	0.0995
1.025	2.1580	2.1487	2.0216	1.0000	1.0000	0.1736
1.050	2.3730	2.4410	2.3842	1.0000	1.0000	0.2488
1.075	2.4505	2.5393	2.4983	1.0000	1.0000	0.3145
1.100	2.4250	2.4948	2.4218	1.0000	1.0000	0.3670
1.125	2.3332	2.3679	2.2479	1.0000	1.0000	0.4073
1.150	2.2120	2.2035	2.0264	1.0000	1.0000	0.4376
1.175	2.0826	2.0205	1.8059	1.0000	1.0000	0.4599
1.200	1.9556	1.8514	1.6033	1.0000	0.9999	0.4763
1.225	1.8223	1.6861	1.4225	1.0000	0.9990	0.4881
1.250	1.7069	1.5417	1.2708	1.0000	0.9948	0.4964
1.275	1.5985	1.4139	1.1483	1.0000	0.9828	0.5020
1.300	1.4992	1.3031	1.0465	1.0000	0.9575	0.5056
1.325	1.4161	1.2106	0.9664	0.9999	0.9169	0.5076
1.350	1.3434	1.1299	0.9016	0.9992	0.8646	0.5085
1.375	1.2745	1.0637	0.8515	0.9967	0.8072	0.5085
1.400	1.2116	1.0058	0.8186	0.9898	0.7512	0.5079
1.425	1.1609	0.9594	0.7941	0.9751	0.7008	0.5068
1.450	1.1160	0.9202	0.7810	0.9502	0.6576	0.5055
1.475	1.0687	0.8882	0.7774	0.9146	0.6218	0.5040
1.500	1.0276	0.8621	0.7804	0.8706	0.5927	0.5024
1.525	0.9925	0.8442	0.7874	0.8222	0.5692	0.5008
1.550	0.9670	0.8281	0.7962	0.7734	0.5504	0.4992
1.575	0.9346	0.8205	0.8045	0.7271	0.5355	0.4976
1.600	0.9174	0.8179	0.8122	0.6852	0.5237	0.4960
1.625	0.8974	0.8171	0.8178	0.6484	0.5145	0.4943
1.650	0.8812	0.8181	0.8260	0.6167	0.5074	0.4925
1.675	0.8628	0.8214	0.8339	0.5897	0.5020	0.4907
1.700	0.8519	0.8266	0.8438	0.5668	0.4980	0.4889
1.725	0.8414	0.8299	0.8544	0.5475	0.4952	0.4870
1.750	0.8324	0.8357	0.8678	0.5313	0.4932	0.4852
1.775	0.8287	0.8397	0.8864	0.5178	0.4921	0.4835
1.800	0.8253	0.8442	0.9060	0.5064	0.4915	0.4819
1.825	0.8180	0.8474	0.9271	0.4969	0.4915	0.4806
1.850	0.8191	0.8518	0.9514	0.4890	0.4918	0.4796
1.875	0.8179	0.8557	0.9758	0.4825	0.4924	0.4790
1.900	0.8181	0.8626	1.0016	0.4772	0.4932	0.4788
1.925	0.8243	0.8687	1.0283	0.4729	0.4941	0.4789
1.950	0.8217	0.8758	1.0544	0.4694	0.4952	0.4795
1.975	0.8264	0.8855	1.0797	0.4666	0.4964	0.4804
2.000	0.8298	0.8937	1.1043	0.4645	0.4976	0.4817
2.025	0.8330	0.9051	1.1228	0.4630	0.4988	0.4832
2.050	0.8360	0.9163	1.1362	0.4619	0.5000	0.4849
2.075	0.8417	0.9287	1.1432	0.4612	0.5012	0.4868
2.100	0.8423	0.9420	1.1438	0.4609	0.5024	0.4887
2.125	0.8450	0.9549	1.1373	0.4609	0.5036	0.4905
2.150	0.8504	0.9699	1.1262	0.4612	0.5048	0.4923
2.175	0.8495	0.9862	1.1119	0.4616	0.5061	0.4938
2.200	0.8536	1.0001	1.0927	0.4622	0.5075	0.4952
2.225	0.8563	1.0160	1.0733	0.4630	0.5088	0.4964
2.250	0.8606	1.0324	1.0526	0.4639	0.5102	0.4974
2.275	0.8650	1.0491	1.0339	0.4650	0.5116	0.4982
2.300	0.8680	1.0634	1.0151	0.4661	0.5130	0.4988
2.325	0.8721	1.0793	0.9989	0.4673	0.5143	0.4991
2.350	0.8767	1.0921	0.9847	0.4685	0.5157	0.4994
2.375	0.8829	1.1021	0.9728	0.4698	0.5169	0.4995
2.400	0.8856	1.1098	0.9634	0.4711	0.5181	0.4995
2.425	0.8914	1.1120	0.9560	0.4724	0.5191	0.4994
2.450	0.8953	1.1131	0.9516	0.4737	0.5199	0.4992
2.475	0.9014	1.1103	0.9469	0.4750	0.5205	0.4990
2.500	0.9077	1.1056	0.9458	0.4763	0.5210	0.4987
2.525	0.9157	1.0991	0.9464	0.4776	0.5212	0.4984

2.550	0.9200	1.0894	0.9485	0.4789	0.5212	0.4981
2.575	0.9265	1.0798	0.9519	0.4801	0.5210	0.4978
2.600	0.9364	1.0667	0.9553	0.4814	0.5205	0.4975
2.625	0.9449	1.0540	0.9593	0.4826	0.5199	0.4973
2.650	0.9490	1.0426	0.9640	0.4839	0.5190	0.4970
2.675	0.9616	1.0308	0.9685	0.4851	0.5180	0.4968
2.700	0.9686	1.0212	0.9735	0.4864	0.5168	0.4966
2.725	0.9790	1.0105	0.9784	0.4876	0.5155	0.4964
2.750	0.9868	1.0006	0.9849	0.4889	0.5141	0.4962
2.775	0.9957	0.9924	0.9896	0.4902	0.5127	0.4961
2.800	1.0066	0.9847	0.9954	0.4915	0.5113	0.4961
2.825	1.0171	0.9782	1.0000	0.4927	0.5099	0.4960
2.850	1.0240	0.9722	1.0060	0.4940	0.5086	0.4960
2.875	1.0378	0.9678	1.0104	0.4953	0.5073	0.4961
2.900	1.0465	0.9644	1.0141	0.4966	0.5062	0.4961
2.925	1.0550	0.9626	1.0191	0.4978	0.5051	0.4963
2.950	1.0629	0.9600	1.0222	0.4991	0.5041	0.4964
2.975	1.0724	0.9594	1.0248	0.5003	0.5033	0.4966
3.000	1.0794	0.9593	1.0267	0.5015	0.5026	0.4968
3.025	1.0876	0.9588	1.0288	0.5026	0.5020	0.4971
3.050	1.0928	0.9604	1.0288	0.5037	0.5015	0.4973
3.075	1.0996	0.9625	1.0281	0.5048	0.5011	0.4976
3.100	1.1020	0.9647	1.0274	0.5058	0.5009	0.4978
3.125	1.1030	0.9663	1.0249	0.5067	0.5007	0.4980
3.150	1.1064	0.9681	1.0222	0.5076	0.5006	0.4982
3.175	1.1031	0.9700	1.0196	0.5083	0.5005	0.4984
3.200	1.0998	0.9723	1.0149	0.5090	0.5005	0.4985
3.225	1.0970	0.9758	1.0121	0.5096	0.5006	0.4986
3.250	1.0922	0.9779	1.0080	0.5101	0.5007	0.4987
3.275	1.0894	0.9812	1.0045	0.5104	0.5008	0.4988
3.300	1.0818	0.9842	1.0012	0.5107	0.5010	0.4988
3.325	1.0752	0.9869	0.9968	0.5109	0.5012	0.4988
3.350	1.0717	0.9898	0.9940	0.5109	0.5014	0.4988
3.375	1.0639	0.9928	0.9916	0.5109	0.5017	0.4988
3.400	1.0565	0.9952	0.9906	0.5108	0.5019	0.4988
3.425	1.0486	0.9989	0.9886	0.5105	0.5021	0.4988
3.450	1.0419	1.0009	0.9881	0.5102	0.5023	0.4987
3.475	1.0351	1.0039	0.9877	0.5098	0.5025	0.4987
3.500	1.0287	1.0066	0.9881	0.5093	0.5027	0.4987
3.525	1.0214	1.0089	0.9881	0.5088	0.5029	0.4986
3.550	1.0161	1.0115	0.9891	0.5082	0.5031	0.4986
3.575	1.0122	1.0137	0.9899	0.5075	0.5033	0.4986
3.600	1.0062	1.0148	0.9912	0.5069	0.5034	0.4985
3.625	0.9999	1.0172	0.9928	0.5062	0.5036	0.4985
3.650	0.9957	1.0180	0.9938	0.5054	0.5037	0.4985
3.675	0.9920	1.0185	0.9952	0.5047	0.5038	0.4985
3.700	0.9900	1.0191	0.9974	0.5040	0.5039	0.4985
3.725	0.9840	1.0199	0.9987	0.5033	0.5039	0.4986
3.750	0.9810	1.0196	0.9994	0.5026	0.5040	0.4986
3.775	0.9816	1.0188	1.0011	0.5020	0.5040	0.4986
3.800	0.9765	1.0179	1.0028	0.5013	0.5040	0.4987
3.825	0.9755	1.0168	1.0039	0.5007	0.5039	0.4987
3.850	0.9740	1.0158	1.0052	0.5002	0.5039	0.4987
3.875	0.9732	1.0139	1.0054	0.4997	0.5038	0.4988
3.900	0.9718	1.0123	1.0066	0.4992	0.5037	0.4988
3.925	0.9726	1.0103	1.0073	0.4988	0.5036	0.4989
3.950	0.9713	1.0086	1.0077	0.4984	0.5035	0.4990
3.975	0.9734	1.0066	1.0076	0.4981	0.5033	0.4990
4.000	1.0000	1.0000	1.0000	0.4979	0.5032	0.4990

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.257 x_1= 0.7500 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0005	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0106	0.0016	0.0000	1.0000	1.0000	0.0000
0.900	0.0760	0.0213	0.0033	1.0000	1.0000	0.0000
0.925	0.2880	0.1334	0.0401	1.0000	1.0000	0.0005
0.950	0.6727	0.4315	0.2069	1.0000	1.0000	0.0032
0.975	1.1485	0.9159	0.5815	1.0000	1.0000	0.0118
1.000	1.5972	1.4576	1.0984	1.0000	1.0000	0.0290
1.025	1.9366	1.8986	1.5868	1.0000	1.0000	0.0543
1.050	2.1366	2.1763	1.9225	1.0000	1.0000	0.0838
1.075	2.2090	2.2798	2.0539	1.0000	1.0000	0.1134
1.100	2.2016	2.2640	2.0443	1.0000	1.0000	0.1401
1.125	2.1318	2.1701	1.9392	1.0000	1.0000	0.1629
1.150	2.0349	2.0344	1.7883	1.0000	1.0000	0.1813
1.175	1.9240	1.8899	1.6335	1.0000	1.0000	0.1959
1.200	1.8175	1.7454	1.4762	1.0000	1.0000	0.2071
1.225	1.7039	1.6058	1.3412	1.0000	0.9997	0.2155
1.250	1.6081	1.4866	1.2340	1.0000	0.9986	0.2216
1.275	1.5156	1.3753	1.1358	1.0000	0.9954	0.2260
1.300	1.4320	1.2849	1.0621	1.0000	0.9882	0.2290
1.325	1.3588	1.2026	0.9971	1.0000	0.9761	0.2309
1.350	1.2913	1.1361	0.9540	0.9998	0.9592	0.2321
1.375	1.2318	1.0778	0.9316	0.9990	0.9386	0.2329
1.400	1.1805	1.0317	0.9104	0.9968	0.9162	0.2335
1.425	1.1326	0.9903	0.9028	0.9922	0.8938	0.2339
1.450	1.0913	0.9628	0.9092	0.9841	0.8728	0.2344
1.475	1.0552	0.9401	0.9229	0.9720	0.8538	0.2350
1.500	1.0241	0.9230	0.9404	0.9561	0.8371	0.2357
1.525	0.9960	0.9105	0.9535	0.9372	0.8229	0.2365
1.550	0.9705	0.9067	0.9687	0.9167	0.8109	0.2374
1.575	0.9494	0.9060	0.9750	0.8957	0.8010	0.2383
1.600	0.9311	0.9113	0.9860	0.8751	0.7929	0.2392
1.625	0.9169	0.9178	0.9798	0.8558	0.7864	0.2400
1.650	0.9037	0.9256	0.9714	0.8380	0.7812	0.2406
1.675	0.8949	0.9334	0.9692	0.8220	0.7771	0.2410
1.700	0.8849	0.9427	0.9604	0.8078	0.7740	0.2413
1.725	0.8783	0.9502	0.9523	0.7953	0.7717	0.2414
1.750	0.8751	0.9546	0.9443	0.7845	0.7700	0.2413
1.775	0.8715	0.9552	0.9424	0.7751	0.7687	0.2411
1.800	0.8723	0.9552	0.9380	0.7670	0.7679	0.2408
1.825	0.8732	0.9551	0.9384	0.7602	0.7673	0.2404
1.850	0.8756	0.9481	0.9425	0.7544	0.7668	0.2401
1.875	0.8805	0.9452	0.9502	0.7495	0.7664	0.2398
1.900	0.8821	0.9398	0.9586	0.7455	0.7661	0.2396
1.925	0.8883	0.9354	0.9706	0.7422	0.7657	0.2394
1.950	0.8961	0.9367	0.9791	0.7396	0.7653	0.2394
1.975	0.9018	0.9334	0.9978	0.7375	0.7649	0.2396
2.000	0.9061	0.9323	1.0107	0.7359	0.7643	0.2398
2.025	0.9121	0.9311	1.0258	0.7347	0.7637	0.2402
2.050	0.9201	0.9311	1.0389	0.7339	0.7631	0.2407
2.075	0.9245	0.9343	1.0478	0.7334	0.7624	0.2413
2.100	0.9278	0.9371	1.0495	0.7332	0.7617	0.2419
2.125	0.9303	0.9425	1.0507	0.7332	0.7610	0.2426
2.150	0.9295	0.9465	1.0514	0.7333	0.7604	0.2432
2.175	0.9311	0.9549	1.0460	0.7336	0.7598	0.2438
2.200	0.9329	0.9607	1.0378	0.7340	0.7594	0.2443
2.225	0.9307	0.9690	1.0335	0.7344	0.7590	0.2447
2.250	0.9292	0.9777	1.0277	0.7349	0.7588	0.2451
2.275	0.9313	0.9880	1.0183	0.7354	0.7586	0.2455
2.300	0.9297	0.9957	1.0133	0.7360	0.7586	0.2457
2.325	0.9266	1.0067	1.0077	0.7365	0.7586	0.2460
2.350	0.9273	1.0157	1.0045	0.7371	0.7587	0.2461
2.375	0.9267	1.0248	0.9970	0.7376	0.7589	0.2463
2.400	0.9276	1.0318	0.9960	0.7380	0.7592	0.2464
2.425	0.9282	1.0359	0.9950	0.7384	0.7595	0.2465
2.450	0.9283	1.0388	0.9927	0.7388	0.7597	0.2466
2.475	0.9283	1.0412	0.9944	0.7392	0.7600	0.2466
2.500	0.9277	1.0392	0.9949	0.7395	0.7602	0.2467
2.525	0.9308	1.0387	0.9971	0.7398	0.7604	0.2468

2.550	0.9332	1.0374	0.9961	0.7400	0.7605	0.2469
2.575	0.9362	1.0353	0.9978	0.7402	0.7606	0.2470
2.600	0.9371	1.0305	0.9995	0.7404	0.7606	0.2471
2.625	0.9394	1.0268	0.9999	0.7406	0.7605	0.2472
2.650	0.9442	1.0240	1.0017	0.7408	0.7603	0.2473
2.675	0.9474	1.0179	1.0008	0.7410	0.7601	0.2474
2.700	0.9524	1.0142	1.0020	0.7412	0.7598	0.2475
2.725	0.9570	1.0116	1.0001	0.7414	0.7594	0.2476
2.750	0.9648	1.0071	1.0003	0.7417	0.7590	0.2476
2.775	0.9687	1.0038	1.0011	0.7420	0.7585	0.2477
2.800	0.9747	1.0003	1.0026	0.7423	0.7581	0.2477
2.825	0.9816	0.9987	0.9993	0.7427	0.7576	0.2478
2.850	0.9853	0.9957	1.0015	0.7431	0.7571	0.2478
2.875	0.9968	0.9964	1.0016	0.7435	0.7567	0.2479
2.900	1.0011	0.9956	1.0032	0.7440	0.7562	0.2479
2.925	1.0079	0.9949	1.0032	0.7445	0.7558	0.2480
2.950	1.0149	0.9955	1.0056	0.7450	0.7555	0.2480
2.975	1.0219	0.9947	1.0036	0.7456	0.7552	0.2481
3.000	1.0276	0.9952	1.0050	0.7461	0.7549	0.2482
3.025	1.0331	0.9950	1.0063	0.7467	0.7546	0.2482
3.050	1.0369	0.9956	1.0047	0.7473	0.7544	0.2483
3.075	1.0414	0.9959	1.0061	0.7478	0.7542	0.2484
3.100	1.0428	0.9970	1.0082	0.7484	0.7540	0.2484
3.125	1.0471	0.9965	1.0047	0.7489	0.7539	0.2485
3.150	1.0472	0.9980	1.0064	0.7495	0.7538	0.2486
3.175	1.0491	0.9981	1.0055	0.7500	0.7537	0.2486
3.200	1.0507	0.9965	1.0049	0.7504	0.7536	0.2487
3.225	1.0498	0.9979	1.0050	0.7509	0.7535	0.2487
3.250	1.0471	0.9980	1.0042	0.7513	0.7535	0.2488
3.275	1.0454	0.9980	1.0038	0.7517	0.7534	0.2488
3.300	1.0456	0.9971	1.0032	0.7520	0.7534	0.2489
3.325	1.0420	0.9967	1.0021	0.7523	0.7533	0.2489
3.350	1.0405	0.9969	1.0017	0.7526	0.7532	0.2489
3.375	1.0366	0.9964	1.0031	0.7528	0.7531	0.2490
3.400	1.0342	0.9963	1.0026	0.7529	0.7531	0.2490
3.425	1.0290	0.9967	1.0046	0.7530	0.7530	0.2490
3.450	1.0297	0.9955	1.0036	0.7531	0.7529	0.2491
3.475	1.0235	0.9963	1.0035	0.7532	0.7529	0.2491
3.500	1.0205	0.9976	1.0055	0.7532	0.7528	0.2491
3.525	1.0183	0.9981	1.0031	0.7531	0.7527	0.2492
3.550	1.0157	0.9984	1.0052	0.7530	0.7526	0.2492
3.575	1.0130	0.9994	1.0043	0.7529	0.7526	0.2492
3.600	1.0107	0.9992	1.0034	0.7528	0.7525	0.2493
3.625	1.0078	0.9999	1.0029	0.7527	0.7525	0.2493
3.650	1.0058	1.0011	1.0036	0.7525	0.7524	0.2493
3.675	1.0044	1.0016	1.0033	0.7523	0.7524	0.2494
3.700	1.0019	1.0015	1.0036	0.7521	0.7523	0.2494
3.725	1.0010	1.0016	1.0037	0.7519	0.7523	0.2495
3.750	0.9993	1.0027	0.2863	0.7517	0.7522	0.2482
3.775	0.9987	1.0038	0.0000	0.7516	0.7522	0.2449
3.800	0.9987	1.0025	0.0000	0.7514	0.7522	0.2413
3.825	0.9983	1.0033	0.0000	0.7512	0.7521	0.2377
3.850	0.9962	1.0029	0.0000	0.7510	0.7521	0.2342
3.875	0.9977	1.0037	0.0000	0.7509	0.7521	0.2307
3.900	0.9962	1.0037	0.0000	0.7507	0.7520	0.2273
3.925	0.9971	1.0038	0.0000	0.7506	0.7520	0.2240
3.950	0.9968	1.0039	0.0000	0.7505	0.7519	0.2207
3.975	0.9960	1.0026	0.0000	0.7504	0.7519	0.2175
4.000	1.0000	1.0000	1.0000	0.7503	0.7518	0.2162

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.257 x_1= 0.7500 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0005	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0110	0.0014	0.0000	1.0000	1.0000	0.0000
0.900	0.0781	0.0216	0.0034	1.0000	1.0000	0.0000
0.925	0.2882	0.1325	0.0407	1.0000	1.0000	0.0005
0.950	0.6678	0.4301	0.2055	1.0000	1.0000	0.0032
0.975	1.1438	0.9176	0.5788	1.0000	1.0000	0.0117
1.000	1.5988	1.4580	1.0925	1.0000	1.0000	0.0289
1.025	1.9393	1.9068	1.5821	1.0000	1.0000	0.0540
1.050	2.1299	2.1766	1.9090	1.0000	1.0000	0.0834
1.075	2.2072	2.2859	2.0444	1.0000	1.0000	0.1128
1.100	2.1978	2.2663	2.0387	1.0000	1.0000	0.1395
1.125	2.1333	2.1744	1.9288	1.0000	1.0000	0.1621
1.150	2.0416	2.0358	1.7833	1.0000	1.0000	0.1806
1.175	1.9303	1.8901	1.6281	1.0000	1.0000	0.1952
1.200	1.8172	1.7428	1.4772	1.0000	1.0000	0.2064
1.225	1.7057	1.6070	1.3423	1.0000	0.9997	0.2148
1.250	1.6069	1.4866	1.2330	1.0000	0.9986	0.2210
1.275	1.5146	1.3799	1.1340	1.0000	0.9954	0.2254
1.300	1.4298	1.2843	1.0613	1.0000	0.9883	0.2284
1.325	1.3571	1.2049	0.9992	1.0000	0.9763	0.2304
1.350	1.2878	1.1359	0.9542	0.9998	0.9594	0.2316
1.375	1.2293	1.0785	0.9263	0.9990	0.9389	0.2324
1.400	1.1791	1.0329	0.9077	0.9968	0.9166	0.2329
1.425	1.1291	0.9926	0.9029	0.9922	0.8944	0.2334
1.450	1.0907	0.9624	0.9086	0.9841	0.8734	0.2338
1.475	1.0541	0.9388	0.9231	0.9720	0.8544	0.2344
1.500	1.0221	0.9221	0.9401	0.9560	0.8379	0.2352
1.525	0.9943	0.9081	0.9586	0.9371	0.8237	0.2360
1.550	0.9698	0.9045	0.9697	0.9165	0.8117	0.2370
1.575	0.9479	0.9047	0.9758	0.8955	0.8017	0.2379
1.600	0.9300	0.9101	0.9822	0.8749	0.7936	0.2388
1.625	0.9175	0.9171	0.9823	0.8555	0.7870	0.2397
1.650	0.9033	0.9257	0.9743	0.8377	0.7818	0.2403
1.675	0.8959	0.9347	0.9675	0.8217	0.7777	0.2408
1.700	0.8844	0.9439	0.9571	0.8074	0.7746	0.2411
1.725	0.8788	0.9513	0.9501	0.7950	0.7723	0.2411
1.750	0.8725	0.9547	0.9430	0.7841	0.7705	0.2411
1.775	0.8720	0.9555	0.9387	0.7747	0.7693	0.2408
1.800	0.8683	0.9566	0.9357	0.7667	0.7684	0.2405
1.825	0.8706	0.9548	0.9376	0.7598	0.7678	0.2401
1.850	0.8728	0.9505	0.9400	0.7540	0.7673	0.2398
1.875	0.8783	0.9487	0.9479	0.7492	0.7669	0.2395
1.900	0.8824	0.9429	0.9568	0.7452	0.7666	0.2392
1.925	0.8885	0.9384	0.9674	0.7419	0.7663	0.2391
1.950	0.8940	0.9356	0.9808	0.7392	0.7659	0.2391
1.975	0.9009	0.9325	0.9939	0.7371	0.7654	0.2392
2.000	0.9085	0.9301	1.0061	0.7355	0.7648	0.2395
2.025	0.9144	0.9305	1.0214	0.7344	0.7642	0.2399
2.050	0.9203	0.9308	1.0328	0.7336	0.7635	0.2404
2.075	0.9233	0.9326	1.0412	0.7331	0.7628	0.2409
2.100	0.9269	0.9370	1.0462	0.7329	0.7621	0.2415
2.125	0.9293	0.9406	1.0469	0.7329	0.7614	0.2421
2.150	0.9307	0.9467	1.0478	0.7330	0.7607	0.2427
2.175	0.9327	0.9528	1.0448	0.7333	0.7602	0.2433
2.200	0.9325	0.9605	1.0406	0.7337	0.7597	0.2439
2.225	0.9323	0.9680	1.0331	0.7342	0.7593	0.2443
2.250	0.9323	0.9784	1.0272	0.7347	0.7590	0.2447
2.275	0.9282	0.9864	1.0197	0.7352	0.7589	0.2451
2.300	0.9284	0.9981	1.0123	0.7358	0.7589	0.2453
2.325	0.9280	1.0079	1.0081	0.7363	0.7589	0.2456
2.350	0.9257	1.0165	1.0017	0.7369	0.7590	0.2457
2.375	0.9275	1.0245	0.9993	0.7374	0.7592	0.2459
2.400	0.9251	1.0316	0.9969	0.7379	0.7595	0.2460
2.425	0.9257	1.0364	0.9933	0.7383	0.7598	0.2461
2.450	0.9258	1.0384	0.9928	0.7387	0.7600	0.2462
2.475	0.9271	1.0398	0.9926	0.7390	0.7603	0.2463
2.500	0.9271	1.0402	0.9912	0.7393	0.7605	0.2464
2.525	0.9289	1.0391	0.9927	0.7396	0.7607	0.2465

2.550	0.9322	1.0375	0.9948	0.7398	0.7608	0.2465
2.575	0.9345	1.0345	0.9965	0.7400	0.7609	0.2466
2.600	0.9370	1.0317	0.9967	0.7402	0.7609	0.2467
2.625	0.9411	1.0275	0.9984	0.7404	0.7608	0.2468
2.650	0.9454	1.0223	0.9984	0.7406	0.7606	0.2469
2.675	0.9482	1.0180	0.9973	0.7408	0.7604	0.2470
2.700	0.9538	1.0138	1.0009	0.7410	0.7601	0.2471
2.725	0.9590	1.0103	0.9992	0.7413	0.7598	0.2472
2.750	0.9644	1.0058	1.0009	0.7415	0.7594	0.2473
2.775	0.9695	1.0028	0.9982	0.7418	0.7589	0.2473
2.800	0.9756	1.0015	0.9991	0.7422	0.7585	0.2474
2.825	0.9816	0.9994	0.9995	0.7425	0.7580	0.2474
2.850	0.9875	0.9974	0.9986	0.7429	0.7576	0.2475
2.875	0.9947	0.9962	0.9994	0.7434	0.7571	0.2475
2.900	1.0003	0.9958	1.0015	0.7438	0.7567	0.2476
2.925	1.0072	0.9960	1.0005	0.7443	0.7563	0.2476
2.950	1.0141	0.9963	1.0019	0.7448	0.7559	0.2477
2.975	1.0194	0.9962	1.0026	0.7454	0.7556	0.2477
3.000	1.0258	0.9960	1.0033	0.7459	0.7553	0.2478
3.025	1.0317	0.9975	1.0030	0.7465	0.7550	0.2479
3.050	1.0363	0.9972	1.0042	0.7471	0.7548	0.2479
3.075	1.0400	0.9979	1.0053	0.7476	0.7546	0.2480
3.100	1.0435	0.9979	1.0065	0.7482	0.7544	0.2481
3.125	1.0468	0.9979	1.0057	0.7488	0.7543	0.2481
3.150	1.0483	0.9989	1.0058	0.7493	0.7542	0.2482
3.175	1.0473	0.9974	1.0059	0.7498	0.7541	0.2483
3.200	1.0496	0.9984	1.0055	0.7503	0.7540	0.2484
3.225	1.0470	0.9982	1.0059	0.7507	0.7539	0.2484
3.250	1.0468	0.9977	1.0059	0.7512	0.7538	0.2485
3.275	1.0461	0.9981	1.0034	0.7515	0.7538	0.2485
3.300	1.0438	0.9974	1.0039	0.7519	0.7537	0.2486
3.325	1.0418	0.9970	1.0033	0.7522	0.7536	0.2486
3.350	1.0389	0.9970	1.0022	0.7524	0.7536	0.2487
3.375	1.0355	0.9962	1.0011	0.7526	0.7535	0.2487
3.400	1.0325	0.9970	1.0017	0.7528	0.7535	0.2487
3.425	1.0294	0.9963	1.0011	0.7529	0.7534	0.2488
3.450	1.0269	0.9974	1.0000	0.7530	0.7533	0.2488
3.475	1.0221	0.9970	1.0004	0.7530	0.7532	0.2488
3.500	1.0187	0.9972	1.0010	0.7530	0.7532	0.2489
3.525	1.0172	0.9973	1.0001	0.7529	0.7531	0.2489
3.550	1.0143	0.9977	1.0007	0.7529	0.7530	0.2489
3.575	1.0116	0.9985	1.0009	0.7528	0.7530	0.2489
3.600	1.0099	0.9994	1.0019	0.7526	0.7529	0.2490
3.625	1.0080	0.9997	1.0006	0.7525	0.7528	0.2490
3.650	1.0052	1.0002	1.0022	0.7523	0.7528	0.2490
3.675	1.0034	1.0016	1.0024	0.7521	0.7527	0.2490
3.700	1.0019	1.0016	1.0021	0.7520	0.7527	0.2491
3.725	1.0019	1.0018	1.0024	0.7518	0.7526	0.2491
3.750	1.0002	1.0025	1.0026	0.7516	0.7526	0.2491
3.775	0.9992	1.0035	1.0036	0.7514	0.7526	0.2492
3.800	0.9972	1.0035	1.0017	0.7512	0.7525	0.2492
3.825	0.9975	1.0028	1.0021	0.7511	0.7525	0.2492
3.850	0.9958	1.0035	1.0038	0.7509	0.7525	0.2492
3.875	0.9958	1.0034	1.0031	0.7507	0.7524	0.2493
3.900	0.9948	1.0031	1.0029	0.7506	0.7524	0.2493
3.925	0.9958	1.0026	1.0030	0.7505	0.7523	0.2493
3.950	0.9962	1.0026	1.0039	0.7503	0.7523	0.2493
3.975	0.9949	1.0028	1.0036	0.7502	0.7523	0.2494
4.000	1.0000	1.0000	1.0000	0.7501	0.7522	0.2494

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.332 x_1= 0.9001 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0004	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0088	0.0012	0.0001	1.0000	1.0000	0.0000
0.900	0.0642	0.0166	0.0021	1.0000	1.0000	0.0000
0.925	0.2386	0.1039	0.0238	1.0000	1.0000	0.0001
0.950	0.5620	0.3463	0.1285	1.0000	1.0000	0.0007
0.975	0.9718	0.7465	0.3762	1.0000	1.0000	0.0028
1.000	1.3633	1.2031	0.7299	1.0000	1.0000	0.0071
1.025	1.6668	1.5923	1.1048	1.0000	1.0000	0.0139
1.050	1.8490	1.8430	1.3798	1.0000	1.0000	0.0224
1.075	1.9348	1.9636	1.5162	1.0000	1.0000	0.0315
1.100	1.9418	1.9768	1.5531	1.0000	1.0000	0.0402
1.125	1.8994	1.9181	1.5200	1.0000	1.0000	0.0482
1.150	1.8299	1.8217	1.4377	1.0000	1.0000	0.0550
1.175	1.7466	1.7069	1.3466	1.0000	1.0000	0.0606
1.200	1.6596	1.5970	1.2650	1.0000	1.0000	0.0651
1.225	1.5712	1.4902	1.1773	1.0000	0.9999	0.0687
1.250	1.4904	1.3932	1.1060	1.0000	0.9997	0.0715
1.275	1.4161	1.3065	1.0387	1.0000	0.9989	0.0736
1.300	1.3473	1.2293	0.9983	1.0000	0.9972	0.0751
1.325	1.2851	1.1665	0.9644	1.0000	0.9942	0.0763
1.350	1.2310	1.1127	0.9409	0.9999	0.9898	0.0772
1.375	1.1826	1.0668	0.9324	0.9997	0.9841	0.0780
1.400	1.1395	1.0302	0.9313	0.9991	0.9776	0.0787
1.425	1.1001	1.0007	0.9515	0.9977	0.9708	0.0795
1.450	1.0691	0.9799	0.9670	0.9953	0.9641	0.0803
1.475	1.0401	0.9645	1.0002	0.9916	0.9577	0.0812
1.500	1.0164	0.9552	1.0321	0.9867	0.9518	0.0823
1.525	0.9926	0.9498	1.0570	0.9806	0.9466	0.0834
1.550	0.9728	0.9533	1.0808	0.9738	0.9421	0.0846
1.575	0.9588	0.9558	1.0949	0.9666	0.9382	0.0858
1.600	0.9441	0.9691	1.1052	0.9593	0.9349	0.0870
1.625	0.9350	0.9820	1.1034	0.9521	0.9321	0.0882
1.650	0.9253	0.9947	1.0943	0.9453	0.9298	0.0893
1.675	0.9188	1.0092	1.0811	0.9391	0.9279	0.0902
1.700	0.9141	1.0202	1.0668	0.9333	0.9264	0.0910
1.725	0.9112	1.0291	1.0524	0.9282	0.9253	0.0917
1.750	0.9116	1.0358	1.0427	0.9236	0.9243	0.0923
1.775	0.9128	1.0388	1.0272	0.9196	0.9235	0.0928
1.800	0.9150	1.0394	1.0193	0.9161	0.9228	0.0932
1.825	0.9199	1.0366	1.0118	0.9131	0.9222	0.0936
1.850	0.9255	1.0298	1.0015	0.9105	0.9216	0.0939
1.875	0.9305	1.0253	0.9982	0.9083	0.9211	0.0941
1.900	0.9385	1.0174	0.9929	0.9064	0.9205	0.0943
1.925	0.9486	1.0105	0.9976	0.9049	0.9199	0.0945
1.950	0.9572	1.0003	0.9915	0.9037	0.9193	0.0947
1.975	0.9651	0.9928	1.0013	0.9027	0.9185	0.0948
2.000	0.9726	0.9854	1.0018	0.9019	0.9177	0.0950
2.025	0.9794	0.9801	1.0016	0.9014	0.9169	0.0952
2.050	0.9861	0.9751	1.0082	0.9009	0.9160	0.0954
2.075	0.9925	0.9726	1.0137	0.9007	0.9151	0.0956
2.100	0.9962	0.9693	1.0118	0.9005	0.9142	0.0958
2.125	0.9993	0.9674	1.0169	0.9004	0.9133	0.0960
2.150	1.0008	0.9664	1.0165	0.9004	0.9124	0.0962
2.175	0.9996	0.9671	1.0138	0.9004	0.9115	0.0964
2.200	0.9992	0.9680	1.0179	0.9005	0.9107	0.0966
2.225	0.9979	0.9711	1.0089	0.9006	0.9100	0.0967
2.250	0.9967	0.9736	1.0054	0.9007	0.9094	0.0969
2.275	0.9946	0.9776	1.0033	0.9008	0.9088	0.0970
2.300	0.9917	0.9806	1.0005	0.9009	0.9083	0.0971
2.325	0.9890	0.9847	1.0008	0.9010	0.9078	0.0972
2.350	0.9851	0.9877	0.9997	0.9011	0.9074	0.0972
2.375	0.9813	0.9930	0.9940	0.9011	0.9071	0.0973
2.400	0.9786	0.9953	0.9916	0.9011	0.9068	0.0973
2.425	0.9749	0.9983	0.9926	0.9011	0.9065	0.0974
2.450	0.9722	0.9995	0.9920	0.9011	0.9063	0.0974
2.475	0.9709	1.0012	0.9971	0.9010	0.9061	0.0975
2.500	0.9692	1.0013	0.9963	0.9009	0.9059	0.0975
2.525	0.9680	1.0030	0.9995	0.9007	0.9058	0.0976

2.550	0.9672	1.0021	1.0028	0.9006	0.9056	0.0977
2.575	0.9660	1.0027	1.0002	0.9004	0.9055	0.0977
2.600	0.9672	1.0010	1.0038	0.9003	0.9053	0.0978
2.625	0.9663	1.0016	1.0046	0.9001	0.9052	0.0979
2.650	0.9660	0.9992	1.0051	0.8999	0.9051	0.0979
2.675	0.9674	0.9983	1.0065	0.8997	0.9049	0.0980
2.700	0.9694	0.9993	1.0066	0.8996	0.9048	0.0981
2.725	0.9696	0.9978	1.0061	0.8994	0.9046	0.0981
2.750	0.9724	0.9974	1.0052	0.8993	0.9045	0.0982
2.775	0.9734	0.9964	1.0011	0.8991	0.9043	0.0982
2.800	0.9765	0.9963	1.0076	0.8990	0.9042	0.0983
2.825	0.9788	0.9968	1.0069	0.8990	0.9040	0.0983
2.850	0.9811	0.9965	1.0042	0.8989	0.9039	0.0984
2.875	0.9838	0.9971	1.0031	0.8988	0.9037	0.0984
2.900	0.9864	0.9967	1.0055	0.8988	0.9036	0.0985
2.925	0.9902	0.9980	1.0046	0.8988	0.9035	0.0985
2.950	0.9938	0.9980	1.0020	0.8988	0.9033	0.0986
2.975	0.9971	0.9989	1.0033	0.8989	0.9032	0.0986
3.000	0.9997	0.9997	1.0034	0.8989	0.9031	0.0986
3.025	1.0021	1.0007	1.0083	0.8990	0.9031	0.0987
3.050	1.0040	1.0024	1.0084	0.8991	0.9030	0.0987
3.075	1.0066	1.0019	1.0062	0.8992	0.9029	0.0988
3.100	1.0087	1.0026	1.0066	0.8993	0.9028	0.0988
3.125	1.0097	1.0029	1.0052	0.8994	0.9028	0.0989
3.150	1.0113	1.0027	1.0062	0.8995	0.9027	0.0989
3.175	1.0118	1.0037	1.0054	0.8996	0.9027	0.0989
3.200	1.0115	1.0036	1.0069	0.8997	0.9027	0.0990
3.225	1.0132	1.0034	1.0080	0.8998	0.9026	0.0990
3.250	1.0131	1.0035	1.0081	0.8999	0.9026	0.0990
3.275	1.0128	1.0032	1.0076	0.9000	0.9026	0.0991
3.300	1.0126	1.0020	1.0064	0.9001	0.9025	0.0991
3.325	1.0117	1.0018	1.0059	0.9002	0.9025	0.0991
3.350	1.0113	1.0024	1.0035	0.9003	0.9024	0.0992
3.375	1.0100	1.0017	1.0038	0.9003	0.9024	0.0992
3.400	1.0090	1.0021	1.0022	0.9004	0.9023	0.0992
3.425	1.0091	1.0012	1.0044	0.9005	0.9023	0.0992
3.450	1.0076	1.0012	1.0030	0.9005	0.9022	0.0992
3.475	1.0072	1.0011	1.0070	0.9006	0.9022	0.0993
3.500	1.0065	1.0018	1.0053	0.9006	0.9021	0.0993
3.525	1.0051	1.0010	1.0037	0.9006	0.9021	0.0993
3.550	1.0043	1.0015	1.0058	0.9006	0.9020	0.0993
3.575	1.0031	1.0014	1.0055	0.9006	0.9020	0.0993
3.600	1.0029	1.0005	1.0037	0.9006	0.9019	0.0994
3.625	1.0021	0.9998	1.0026	0.9006	0.9019	0.0994
3.650	1.0016	1.0009	1.0025	0.9006	0.9019	0.0994
3.675	1.0012	1.0012	1.0036	0.9006	0.9018	0.0994
3.700	1.0011	1.0010	1.0032	0.9006	0.9018	0.0994
3.725	1.0005	1.0007	1.0030	0.9006	0.9017	0.0994
3.750	1.0005	1.0003	1.0020	0.9006	0.9017	0.0995
3.775	1.0004	1.0003	1.0013	0.9006	0.9016	0.0995
3.800	1.0000	1.0008	1.0036	0.9006	0.9016	0.0995
3.825	1.0004	1.0011	1.0040	0.9006	0.9016	0.0995
3.850	1.0004	1.0003	1.0030	0.9006	0.9015	0.0995
3.875	1.0004	1.0004	1.0066	0.9005	0.9015	0.0995
3.900	1.0008	1.0012	1.0038	0.9005	0.9015	0.0995
3.925	1.0015	1.0007	1.0050	0.9005	0.9014	0.0995
3.950	1.0013	1.0004	1.0040	0.9005	0.9014	0.0996
3.975	1.0018	1.0002	1.0012	0.9005	0.9014	0.0996
4.000	1.0000	1.0000	1.0000	0.9005	0.9014	0.0996

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=2.0
$\sigma 22/\sigma 11$= 2.00 ρ^*= 0.339 x_1= 0.9502 $\epsilon 22/\epsilon 11$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0004	0.0000	0.0000	1.0000	1.0000	0.0000
0.875	0.0076	0.0011	0.0001	1.0000	1.0000	0.0000
0.900	0.0558	0.0152	0.0012	1.0000	1.0000	0.0000
0.925	0.2095	0.0918	0.0209	1.0000	1.0000	0.0000
0.950	0.4980	0.3046	0.1074	1.0000	1.0000	0.0003
0.975	0.8659	0.6623	0.3094	1.0000	1.0000	0.0012
1.000	1.2293	1.0795	0.6125	1.0000	1.0000	0.0030
1.025	1.5150	1.4432	0.9389	1.0000	1.0000	0.0059
1.050	1.6964	1.6880	1.1688	1.0000	1.0000	0.0095
1.075	1.7873	1.8109	1.3301	1.0000	1.0000	0.0135
1.100	1.8022	1.8294	1.3863	1.0000	1.0000	0.0174
1.125	1.7762	1.7942	1.3704	1.0000	1.0000	0.0211
1.150	1.7196	1.7226	1.3199	1.0000	1.0000	0.0243
1.175	1.6519	1.6302	1.2524	1.0000	1.0000	0.0270
1.200	1.5763	1.5322	1.1846	1.0000	1.0000	0.0292
1.225	1.5015	1.4387	1.1238	1.0000	1.0000	0.0311
1.250	1.4329	1.3511	1.0583	1.0000	0.9999	0.0325
1.275	1.3665	1.2788	1.0070	1.0000	0.9995	0.0336
1.300	1.3064	1.2116	0.9799	1.0000	0.9988	0.0345
1.325	1.2521	1.1517	0.9496	1.0000	0.9976	0.0352
1.350	1.2053	1.1060	0.9359	1.0000	0.9957	0.0357
1.375	1.1627	1.0635	0.9346	0.9999	0.9933	0.0362
1.400	1.1250	1.0338	0.9365	0.9996	0.9905	0.0367
1.425	1.0919	1.0057	0.9470	0.9990	0.9876	0.0372
1.450	1.0620	0.9882	0.9742	0.9979	0.9845	0.0377
1.475	1.0359	0.9745	1.0105	0.9963	0.9816	0.0382
1.500	1.0149	0.9650	1.0457	0.9941	0.9789	0.0388
1.525	0.9953	0.9644	1.0798	0.9914	0.9765	0.0395
1.550	0.9783	0.9652	1.0991	0.9883	0.9743	0.0402
1.575	0.9642	0.9720	1.1124	0.9849	0.9724	0.0409
1.600	0.9531	0.9811	1.1322	0.9815	0.9708	0.0416
1.625	0.9436	0.9957	1.1298	0.9781	0.9694	0.0423
1.650	0.9361	1.0089	1.1327	0.9749	0.9682	0.0430
1.675	0.9310	1.0212	1.1231	0.9719	0.9672	0.0436
1.700	0.9269	1.0341	1.1134	0.9691	0.9664	0.0441
1.725	0.9247	1.0445	1.1040	0.9666	0.9657	0.0446
1.750	0.9244	1.0518	1.0817	0.9643	0.9652	0.0450
1.775	0.9266	1.0548	1.0833	0.9623	0.9647	0.0454
1.800	0.9275	1.0563	1.0595	0.9605	0.9643	0.0458
1.825	0.9335	1.0553	1.0542	0.9590	0.9639	0.0460
1.850	0.9379	1.0513	1.0404	0.9577	0.9635	0.0463
1.875	0.9454	1.0473	1.0345	0.9565	0.9632	0.0465
1.900	0.9525	1.0408	1.0337	0.9556	0.9628	0.0467
1.925	0.9607	1.0330	1.0285	0.9547	0.9625	0.0469
1.950	0.9693	1.0254	1.0258	0.9541	0.9621	0.0470
1.975	0.9775	1.0182	1.0282	0.9535	0.9616	0.0472
2.000	0.9852	1.0121	1.0337	0.9531	0.9612	0.0474
2.025	0.9940	1.0070	1.0271	0.9527	0.9607	0.0475
2.050	0.9996	1.0015	1.0282	0.9525	0.9601	0.0476
2.075	1.0061	0.9972	1.0291	0.9523	0.9596	0.0478
2.100	1.0099	0.9929	1.0351	0.9522	0.9591	0.0479
2.125	1.0131	0.9898	1.0288	0.9521	0.9586	0.0480
2.150	1.0153	0.9870	1.0291	0.9520	0.9580	0.0481
2.175	1.0157	0.9869	1.0310	0.9520	0.9575	0.0482
2.200	1.0163	0.9860	1.0252	0.9520	0.9570	0.0484
2.225	1.0155	0.9851	1.0297	0.9520	0.9566	0.0484
2.250	1.0136	0.9867	1.0267	0.9520	0.9561	0.0485
2.275	1.0114	0.9876	1.0258	0.9520	0.9558	0.0486
2.300	1.0097	0.9881	1.0208	0.9520	0.9554	0.0487
2.325	1.0071	0.9922	1.0116	0.9520	0.9551	0.0488
2.350	1.0038	0.9924	1.0122	0.9520	0.9548	0.0488
2.375	1.0004	0.9932	1.0084	0.9520	0.9545	0.0489
2.400	0.9983	0.9950	1.0052	0.9520	0.9542	0.0489
2.425	0.9953	0.9968	1.0029	0.9519	0.9540	0.0489
2.450	0.9928	0.9963	0.9982	0.9519	0.9538	0.0490
2.475	0.9894	0.9980	0.9973	0.9518	0.9537	0.0490
2.500	0.9873	0.9991	1.0047	0.9517	0.9535	0.0490
2.525	0.9859	0.9990	1.0034	0.9516	0.9533	0.0490

2.550	0.9848	1.0005	1.0006	0.9515	0.9532	0.0491
2.575	0.9831	0.9995	1.0050	0.9514	0.9531	0.0491
2.600	0.9827	0.9988	1.0017	0.9513	0.9530	0.0491
2.625	0.9817	0.9981	1.0017	0.9512	0.9528	0.0491
2.650	0.9814	0.9983	1.0038	0.9511	0.9527	0.0491
2.675	0.9810	0.9990	1.0047	0.9509	0.9526	0.0492
2.700	0.9808	0.9982	1.0053	0.9508	0.9525	0.0492
2.725	0.9816	0.9976	1.0148	0.9507	0.9524	0.0492
2.750	0.9821	0.9968	1.0064	0.9506	0.9523	0.0492
2.775	0.9827	0.9977	1.0014	0.9505	0.9522	0.0493
2.800	0.9838	0.9959	1.0051	0.9504	0.9521	0.0493
2.825	0.9852	0.9960	1.0074	0.9503	0.9520	0.0493
2.850	0.9871	0.9971	1.0063	0.9502	0.9519	0.0493
2.875	0.9881	0.9971	1.0078	0.9502	0.9518	0.0493
2.900	0.9895	0.9973	1.0128	0.9501	0.9518	0.0494
2.925	0.9905	0.9969	1.0091	0.9501	0.9517	0.0494
2.950	0.9927	0.9984	1.0063	0.9500	0.9516	0.0494
2.975	0.9941	0.9977	1.0058	0.9500	0.9515	0.0494
3.000	0.9964	0.9982	1.0051	0.9500	0.9515	0.0494
3.025	0.9974	0.9984	1.0062	0.9500	0.9514	0.0495
3.050	0.9984	0.9980	0.9999	0.9500	0.9513	0.0495
3.075	1.0001	0.9993	1.0080	0.9500	0.9513	0.0495
3.100	1.0017	0.9999	1.0013	0.9500	0.9512	0.0495
3.125	1.0027	0.9997	0.9997	0.9500	0.9512	0.0495
3.150	1.0038	1.0010	1.0050	0.9500	0.9512	0.0495
3.175	1.0043	1.0009	1.0042	0.9500	0.9511	0.0495
3.200	1.0045	1.0010	1.0021	0.9501	0.9511	0.0495
3.225	1.0049	1.0022	1.0039	0.9501	0.9511	0.0495
3.250	1.0044	1.0017	1.0058	0.9501	0.9511	0.0496
3.275	1.0051	1.0017	1.0029	0.9501	0.9510	0.0496
3.300	1.0051	1.0008	1.0062	0.9501	0.9510	0.0496
3.325	1.0047	1.0010	1.0064	0.9502	0.9510	0.0496
3.350	1.0045	1.0009	1.0060	0.9502	0.9510	0.0496
3.375	1.0046	1.0005	1.0056	0.9502	0.9510	0.0496
3.400	1.0037	1.0012	1.0057	0.9502	0.9509	0.0496
3.425	1.0028	1.0017	1.0075	0.9502	0.9509	0.0496
3.450	1.0022	1.0013	1.0044	0.9503	0.9509	0.0496
3.475	1.0023	1.0018	1.0072	0.9503	0.9509	0.0496
3.500	1.0020	1.0011	1.0057	0.9503	0.9509	0.0497
3.525	1.0019	1.0019	1.0064	0.9503	0.9509	0.0497
3.550	1.0009	1.0013	1.0056	0.9503	0.9508	0.0497
3.575	1.0004	1.0008	1.0058	0.9503	0.9508	0.0497
3.600	1.0002	1.0010	1.0056	0.9503	0.9508	0.0497
3.625	0.9998	1.0011	1.0069	0.9503	0.9508	0.0497
3.650	0.9997	1.0002	1.0025	0.9503	0.9508	0.0497
3.675	0.9994	1.0005	1.0045	0.9503	0.9508	0.0497
3.700	0.9992	1.0003	1.0024	0.9503	0.9507	0.0497
3.725	0.9992	1.0005	1.0037	0.9503	0.9507	0.0497
3.750	0.9992	0.9999	1.0045	0.9503	0.9507	0.0497
3.775	0.9989	1.0009	1.0000	0.9503	0.9507	0.0497
3.800	0.9995	1.0010	1.0026	0.9503	0.9507	0.0497
3.825	0.9998	1.0015	1.0008	0.9503	0.9507	0.0497
3.850	0.9994	1.0008	1.0009	0.9503	0.9506	0.0497
3.875	0.9997	1.0008	0.9989	0.9503	0.9506	0.0497
3.900	1.0002	1.0003	0.9998	0.9503	0.9506	0.0497
3.925	1.0006	1.0006	0.9984	0.9503	0.9506	0.0497
3.950	1.0005	0.9998	1.0029	0.9503	0.9506	0.0497
3.975	1.0008	0.9997	1.0007	0.9503	0.9506	0.0497
4.000	1.0000	1.0000	1.0000	0.9503	0.9506	0.0497

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.076$ $x_1=0.0498$ $\epsilon_{22}/\epsilon_{11}=0.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0077	0.0321	0.1178	1.0000	1.0000	0.1545
0.875	0.0578	0.1264	0.3235	1.0000	1.0000	0.3731
0.900	0.1571	0.3471	0.6231	1.0000	1.0000	0.5812
0.925	0.4074	0.6446	0.9360	1.0000	1.0000	0.7185
0.950	0.7724	0.9650	1.2139	1.0000	1.0000	0.7999
0.975	1.2688	1.2504	1.4101	1.0000	1.0000	0.8482
1.000	1.4053	1.4527	1.5262	1.0000	1.0000	0.8779
1.025	1.8273	1.5769	1.5802	1.0000	0.9999	0.8972
1.050	1.8267	1.6489	1.5802	1.0000	0.9993	0.9102
1.075	1.8432	1.6590	1.5587	1.0000	0.9938	0.9194
1.100	1.9616	1.6424	1.5123	1.0000	0.9668	0.9260
1.125	2.0546	1.6047	1.4614	1.0000	0.8873	0.9310
1.150	1.7194	1.5672	1.4036	1.0000	0.7426	0.9348
1.175	1.9196	1.5213	1.3485	0.9999	0.5697	0.9378
1.200	1.9326	1.4697	1.2946	0.9998	0.4188	0.9401
1.225	1.7071	1.4136	1.2452	0.9993	0.3095	0.9420
1.250	1.5616	1.3513	1.1951	0.9941	0.2355	0.9435
1.275	1.5077	1.3080	1.1541	0.9735	0.1856	0.9447
1.300	1.6009	1.2716	1.1136	0.9231	0.1518	0.9456
1.325	1.5379	1.2363	1.0800	0.8282	0.1283	0.9464
1.350	1.2720	1.2009	1.0474	0.6927	0.1115	0.9470
1.375	1.2818	1.1582	1.0216	0.5490	0.0991	0.9475
1.400	1.3860	1.1384	0.9978	0.4267	0.0898	0.9479
1.425	1.2888	1.1158	0.9771	0.3330	0.0826	0.9482
1.450	1.2263	1.0871	0.9596	0.2639	0.0770	0.9484
1.475	1.1673	1.0652	0.9442	0.2139	0.0726	0.9486
1.500	1.1361	1.0385	0.9325	0.1777	0.0690	0.9487
1.525	1.2014	1.0175	0.9213	0.1516	0.0660	0.9488
1.550	1.1630	1.0082	0.9151	0.1322	0.0636	0.9488
1.575	1.2423	0.9940	0.9100	0.1176	0.0616	0.9487
1.600	1.0958	0.9732	0.9053	0.1063	0.0599	0.9487
1.625	1.1671	0.9643	0.9037	0.0973	0.0584	0.9486
1.650	1.0141	0.9565	0.9061	0.0900	0.0572	0.9485
1.675	1.0787	0.9528	0.9098	0.0841	0.0562	0.9484
1.700	1.0779	0.9387	0.9156	0.0793	0.0553	0.9483
1.725	1.0357	0.9333	0.9212	0.0753	0.0546	0.9482
1.750	0.9611	0.9324	0.9301	0.0718	0.0540	0.9481
1.775	1.0502	0.9232	0.9397	0.0689	0.0534	0.9480
1.800	1.0656	0.9187	0.9518	0.0665	0.0530	0.9479
1.825	1.0050	0.9193	0.9629	0.0645	0.0526	0.9479
1.850	0.9651	0.9201	0.9727	0.0627	0.0523	0.9479
1.875	0.9679	0.9161	0.9831	0.0611	0.0520	0.9479
1.900	0.9732	0.9195	0.9948	0.0597	0.0518	0.9479
1.925	0.9929	0.9224	1.0045	0.0586	0.0516	0.9479
1.950	0.9560	0.9182	1.0109	0.0575	0.0515	0.9480
1.975	0.9305	0.9237	1.0205	0.0566	0.0514	0.9481
2.000	0.9351	0.9337	1.0249	0.0557	0.0513	0.9481
2.025	0.9877	0.9335	1.0268	0.0550	0.0512	0.9482
2.050	0.9269	0.9421	1.0320	0.0544	0.0512	0.9483
2.075	0.8777	0.9476	1.0345	0.0538	0.0512	0.9485
2.100	0.9033	0.9592	1.0334	0.0532	0.0513	0.9486
2.125	0.9006	0.9585	1.0322	0.0527	0.0513	0.9487
2.150	0.8941	0.9647	1.0311	0.0522	0.0513	0.9488
2.175	0.8667	0.9768	1.0289	0.0518	0.0514	0.9489
2.200	0.8848	0.9895	1.0248	0.0514	0.0515	0.9490
2.225	0.8684	0.9877	1.0229	0.0510	0.0516	0.9491
2.250	0.8831	0.9994	1.0201	0.0507	0.0516	0.9491
2.275	0.8862	1.0060	1.0180	0.0505	0.0517	0.9492
2.300	0.8890	1.0087	1.0138	0.0502	0.0518	0.9493
2.325	0.8782	1.0155	1.0107	0.0500	0.0519	0.9493
2.350	0.8696	1.0188	1.0072	0.0498	0.0520	0.9494
2.375	0.9338	1.0248	1.0040	0.0497	0.0520	0.9494
2.400	0.8770	1.0280	1.0029	0.0496	0.0521	0.9495
2.425	0.8477	1.0245	0.9999	0.0495	0.0521	0.9495
2.450	0.8996	1.0240	0.9973	0.0493	0.0521	0.9495
2.475	0.8436	1.0253	0.9956	0.0492	0.0521	0.9496
2.500	0.9428	1.0249	0.9931	0.0492	0.0521	0.9496
2.525	0.9129	1.0253	0.9930	0.0491	0.0521	0.9496

2.550	0.9624	1.0296	0.9904	0.0492	0.0521	0.9496
2.575	0.9479	1.0274	0.9916	0.0492	0.0521	0.9496
2.600	0.8807	1.0221	0.9911	0.0492	0.0520	0.9496
2.625	0.8977	1.0239	0.9903	0.0491	0.0520	0.9496
2.650	0.9518	1.0205	0.9915	0.0492	0.0519	0.9496
2.675	0.9549	1.0190	0.9917	0.0492	0.0518	0.9496
2.700	0.9396	1.0121	0.9918	0.0493	0.0518	0.9496
2.725	0.9299	1.0116	0.9919	0.0493	0.0517	0.9497
2.750	0.9679	1.0106	0.9942	0.0493	0.0516	0.9497
2.775	0.9441	1.0125	0.9950	0.0494	0.0515	0.9497
2.800	0.9640	1.0101	0.9958	0.0495	0.0514	0.9497
2.825	0.9630	1.0058	0.9960	0.0495	0.0514	0.9497
2.850	0.9775	1.0011	0.9974	0.0496	0.0513	0.9497
2.875	1.0114	1.0013	0.9991	0.0497	0.0512	0.9497
2.900	0.9790	1.0024	0.9998	0.0498	0.0511	0.9497
2.925	1.0017	0.9995	1.0015	0.0499	0.0511	0.9497
2.950	0.9817	0.9954	1.0012	0.0500	0.0510	0.9497
2.975	0.9840	0.9947	1.0021	0.0500	0.0509	0.9497
3.000	1.0248	0.9944	1.0023	0.0501	0.0509	0.9497
3.025	1.0569	0.9951	1.0024	0.0502	0.0508	0.9498
3.050	1.0010	0.9941	1.0030	0.0503	0.0508	0.9498
3.075	1.0644	0.9936	1.0032	0.0504	0.0507	0.9498
3.100	1.0029	0.9933	1.0035	0.0505	0.0507	0.9498
3.125	1.0176	0.9908	1.0038	0.0506	0.0506	0.9498
3.150	1.0110	0.9917	1.0034	0.0506	0.0506	0.9498
3.175	1.0165	0.9928	1.0039	0.0507	0.0506	0.9498
3.200	1.0201	0.9892	1.0039	0.0507	0.0505	0.9499
3.225	1.0528	0.9929	1.0034	0.0508	0.0505	0.9499
3.250	1.0188	0.9943	1.0032	0.0508	0.0505	0.9499
3.275	1.0219	0.9902	1.0022	0.0509	0.0504	0.9499
3.300	0.9658	0.9936	1.0018	0.0508	0.0504	0.9499
3.325	1.0365	0.9941	1.0012	0.0508	0.0504	0.9499
3.350	1.0353	0.9967	1.0017	0.0509	0.0504	0.9499
3.375	1.0235	0.9933	1.0005	0.0509	0.0504	0.9499
3.400	1.0233	0.9954	1.0007	0.0509	0.0504	0.9499
3.425	1.0037	0.9994	1.0006	0.0509	0.0504	0.9499
3.450	0.9990	0.9962	1.0008	0.0508	0.0504	0.9499
3.475	1.0364	0.9974	0.9998	0.0508	0.0504	0.9500
3.500	1.0339	1.0029	1.0000	0.0508	0.0504	0.9500
3.525	1.0460	1.0000	1.0002	0.0508	0.0504	0.9500
3.550	1.0497	0.9988	0.9989	0.0508	0.0504	0.9500
3.575	1.0455	1.0016	0.9999	0.0508	0.0504	0.9500
3.600	1.0016	0.9992	0.9991	0.0508	0.0503	0.9500
3.625	1.0181	1.0008	0.9990	0.0507	0.0503	0.9500
3.650	0.9760	1.0013	0.9991	0.0507	0.0503	0.9500
3.675	1.0250	1.0012	0.9984	0.0507	0.0503	0.9500
3.700	1.0274	1.0009	0.9990	0.0506	0.0503	0.9500
3.725	0.9929	1.0030	0.9994	0.0506	0.0503	0.9500
3.750	0.9785	1.0024	0.9992	0.0505	0.0503	0.9500
3.775	1.0071	1.0000	0.9991	0.0505	0.0503	0.9500
3.800	1.0035	1.0046	1.0004	0.0504	0.0503	0.9500
3.825	0.9942	1.0016	0.9999	0.0504	0.0503	0.9500
3.850	0.9903	1.0034	1.0002	0.0503	0.0503	0.9500
3.875	0.9838	1.0029	1.0003	0.0503	0.0503	0.9500
3.900	1.0153	1.0016	1.0008	0.0503	0.0503	0.9500
3.925	1.0060	1.0037	1.0006	0.0503	0.0503	0.9500
3.950	0.9787	0.9990	1.0002	0.0503	0.0503	0.9500
3.975	1.0039	1.0027	1.0005	0.0502	0.0503	0.9500
4.000	1.0000	1.0000	1.0000	0.0502	0.0503	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.078$ $x_1=0.0999$ $\epsilon_{22}/\epsilon_{11}=0.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0028	0.0309	0.1160	1.0000	1.0000	0.0788
0.875	0.0471	0.1355	0.3198	1.0000	1.0000	0.2179
0.900	0.1805	0.3438	0.6127	1.0000	1.0000	0.3934
0.925	0.4190	0.6367	0.9320	1.0000	1.0000	0.5447
0.950	0.7945	0.9579	1.2012	1.0000	1.0000	0.6522
0.975	1.0639	1.2397	1.3950	1.0000	1.0000	0.7237
1.000	1.4180	1.4290	1.5130	1.0000	1.0000	0.7712
1.025	1.7080	1.5737	1.5674	1.0000	1.0000	0.8035
1.050	1.7403	1.6466	1.5731	1.0000	0.9996	0.8262
1.075	1.7140	1.6479	1.5498	1.0000	0.9968	0.8426
1.100	1.7876	1.6328	1.5058	1.0000	0.9838	0.8546
1.125	1.8626	1.6230	1.4530	1.0000	0.9438	0.8638
1.150	1.7704	1.5745	1.3984	1.0000	0.8605	0.8708
1.175	1.6277	1.5057	1.3437	1.0000	0.7388	0.8763
1.200	1.6802	1.4583	1.2886	0.9999	0.6066	0.8806
1.225	1.6310	1.4098	1.2417	0.9993	0.4891	0.8840
1.250	1.5138	1.3586	1.1913	0.9966	0.3962	0.8869
1.275	1.5425	1.3155	1.1487	0.9866	0.3270	0.8891
1.300	1.4447	1.2699	1.1138	0.9585	0.2763	0.8909
1.325	1.3815	1.2279	1.0764	0.9014	0.2389	0.8924
1.350	1.3759	1.2108	1.0507	0.8141	0.2111	0.8936
1.375	1.3676	1.1679	1.0234	0.7081	0.1901	0.8946
1.400	1.3540	1.1327	0.9974	0.6002	0.1738	0.8953
1.425	1.2605	1.1129	0.9799	0.5028	0.1611	0.8959
1.450	1.2270	1.0859	0.9656	0.4214	0.1510	0.8964
1.475	1.2143	1.0627	0.9493	0.3571	0.1429	0.8967
1.500	1.2142	1.0401	0.9355	0.3076	0.1362	0.8970
1.525	1.1730	1.0241	0.9278	0.2693	0.1308	0.8971
1.550	1.0879	1.0054	0.9199	0.2388	0.1263	0.8972
1.575	1.0634	1.0057	0.9153	0.2146	0.1225	0.8972
1.600	1.0617	0.9866	0.9119	0.1955	0.1194	0.8971
1.625	1.1044	0.9715	0.9112	0.1805	0.1168	0.8970
1.650	1.0557	0.9550	0.9125	0.1684	0.1145	0.8969
1.675	1.0573	0.9522	0.9179	0.1583	0.1125	0.8967
1.700	1.0056	0.9463	0.9190	0.1498	0.1109	0.8965
1.725	0.9962	0.9364	0.9260	0.1425	0.1095	0.8963
1.750	0.9987	0.9303	0.9326	0.1366	0.1083	0.8961
1.775	1.0133	0.9260	0.9420	0.1316	0.1073	0.8960
1.800	0.9458	0.9218	0.9532	0.1273	0.1064	0.8959
1.825	0.9676	0.9245	0.9631	0.1235	0.1056	0.8958
1.850	0.9311	0.9178	0.9738	0.1202	0.1050	0.8957
1.875	0.9275	0.9233	0.9829	0.1173	0.1045	0.8957
1.900	0.9515	0.9216	0.9934	0.1148	0.1041	0.8958
1.925	0.9480	0.9186	1.0014	0.1127	0.1037	0.8959
1.950	0.9576	0.9259	1.0107	0.1108	0.1034	0.8960
1.975	0.9258	0.9286	1.0169	0.1092	0.1032	0.8961
2.000	0.9599	0.9275	1.0221	0.1078	0.1030	0.8963
2.025	0.9231	0.9374	1.0263	0.1065	0.1029	0.8965
2.050	0.9279	0.9372	1.0283	0.1053	0.1028	0.8967
2.075	0.8857	0.9507	1.0307	0.1043	0.1028	0.8969
2.100	0.9242	0.9540	1.0304	0.1033	0.1028	0.8970
2.125	0.9079	0.9543	1.0297	0.1025	0.1029	0.8972
2.150	0.9433	0.9695	1.0288	0.1019	0.1029	0.8974
2.175	0.9230	0.9734	1.0269	0.1013	0.1030	0.8976
2.200	0.9348	0.9860	1.0245	0.1008	0.1031	0.8978
2.225	0.9095	0.9959	1.0219	0.1004	0.1033	0.8979
2.250	0.8712	0.9964	1.0210	0.0999	0.1034	0.8981
2.275	0.9326	1.0040	1.0174	0.0995	0.1035	0.8982
2.300	0.9394	1.0149	1.0126	0.0992	0.1037	0.8983
2.325	0.9319	1.0131	1.0101	0.0991	0.1038	0.8984
2.350	0.9139	1.0179	1.0081	0.0988	0.1040	0.8985
2.375	0.9048	1.0195	1.0054	0.0986	0.1041	0.8986
2.400	0.9371	1.0225	1.0022	0.0985	0.1041	0.8987
2.425	0.9342	1.0240	0.9983	0.0984	0.1042	0.8988
2.450	0.9410	1.0282	0.9989	0.0983	0.1042	0.8988
2.475	0.9211	1.0258	0.9964	0.0983	0.1043	0.8989
2.500	0.9431	1.0231	0.9949	0.0983	0.1043	0.8989
2.525	0.9456	1.0237	0.9929	0.0983	0.1042	0.8990

2.550	0.9407	1.0220	0.9936	0.0983	0.1042	0.8990
2.575	0.9409	1.0260	0.9937	0.0984	0.1041	0.8990
2.600	0.9357	1.0231	0.9919	0.0984	0.1040	0.8990
2.625	0.9226	1.0192	0.9923	0.0984	0.1039	0.8991
2.650	0.9515	1.0176	0.9926	0.0985	0.1038	0.8991
2.675	0.9536	1.0175	0.9928	0.0986	0.1037	0.8991
2.700	0.9861	1.0156	0.9932	0.0987	0.1035	0.8991
2.725	0.9546	1.0132	0.9942	0.0989	0.1034	0.8991
2.750	0.9926	1.0089	0.9954	0.0990	0.1032	0.8991
2.775	0.9821	1.0112	0.9956	0.0992	0.1031	0.8991
2.800	0.9989	1.0079	0.9966	0.0994	0.1030	0.8992
2.825	0.9848	1.0035	0.9973	0.0996	0.1028	0.8992
2.850	0.9891	1.0064	0.9984	0.0998	0.1027	0.8992
2.875	1.0238	1.0042	0.9977	0.1000	0.1025	0.8992
2.900	0.9955	1.0021	1.0002	0.1002	0.1024	0.8992
2.925	1.0106	1.0014	0.9995	0.1004	0.1023	0.8992
2.950	1.0309	1.0012	1.0011	0.1006	0.1022	0.8993
2.975	0.9975	0.9965	1.0020	0.1007	0.1020	0.8993
3.000	0.9963	0.9982	1.0026	0.1009	0.1019	0.8993
3.025	0.9966	0.9956	1.0018	0.1010	0.1018	0.8993
3.050	1.0376	0.9967	1.0030	0.1012	0.1017	0.8994
3.075	1.0248	0.9953	1.0036	0.1013	0.1016	0.8994
3.100	1.0129	0.9942	1.0031	0.1015	0.1016	0.8994
3.125	1.0251	0.9955	1.0030	0.1016	0.1015	0.8994
3.150	1.0115	0.9964	1.0027	0.1017	0.1014	0.8995
3.175	1.0256	0.9930	1.0021	0.1018	0.1014	0.8995
3.200	1.0165	0.9916	1.0025	0.1019	0.1013	0.8995
3.225	1.0570	0.9929	1.0030	0.1020	0.1013	0.8995
3.250	1.0168	0.9928	1.0032	0.1021	0.1012	0.8995
3.275	1.0564	0.9906	1.0020	0.1022	0.1012	0.8996
3.300	1.0588	0.9933	1.0018	0.1023	0.1011	0.8996
3.325	1.0307	0.9935	1.0018	0.1023	0.1011	0.8996
3.350	1.0317	0.9953	1.0012	0.1023	0.1011	0.8996
3.375	1.0151	0.9953	1.0010	0.1023	0.1010	0.8996
3.400	1.0436	0.9964	1.0011	0.1023	0.1010	0.8996
3.425	1.0050	0.9952	1.0002	0.1023	0.1010	0.8997
3.450	1.0421	0.9999	1.0007	0.1023	0.1010	0.8997
3.475	1.0484	0.9950	1.0010	0.1023	0.1010	0.8997
3.500	1.0320	0.9967	1.0009	0.1023	0.1009	0.8997
3.525	1.0474	0.9999	1.0005	0.1023	0.1009	0.8997
3.550	1.0170	1.0002	1.0008	0.1023	0.1009	0.8997
3.575	1.0437	1.0005	0.9995	0.1022	0.1009	0.8997
3.600	1.0212	0.9958	1.0001	0.1022	0.1009	0.8997
3.625	1.0294	1.0001	1.0004	0.1022	0.1009	0.8997
3.650	1.0397	0.9982	1.0001	0.1021	0.1009	0.8997
3.675	1.0095	1.0004	0.9995	0.1021	0.1009	0.8998
3.700	1.0263	1.0015	1.0001	0.1020	0.1009	0.8998
3.725	1.0008	1.0007	1.0000	0.1019	0.1008	0.8998
3.750	1.0132	1.0009	0.9997	0.1019	0.1008	0.8998
3.775	0.9996	1.0036	0.9997	0.1018	0.1008	0.8998
3.800	1.0128	1.0038	0.9996	0.1017	0.1008	0.8998
3.825	1.0174	1.0022	0.9999	0.1017	0.1008	0.8998
3.850	0.9943	1.0026	0.9999	0.1016	0.1008	0.8998
3.875	0.9981	1.0009	1.0000	0.1015	0.1008	0.8998
3.900	1.0075	1.0042	1.0002	0.1015	0.1008	0.8998
3.925	1.0095	1.0004	1.0007	0.1014	0.1007	0.8998
3.950	0.9998	1.0002	1.0003	0.1013	0.1007	0.8998
3.975	1.0265	0.9996	1.0007	0.1013	0.1007	0.8998
4.000	1.0000	1.0000	1.0000	0.1013	0.1007	0.8998

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0
σ_{22}/σ_{11}= 2.00 ρ*= 0.087 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0092	0.0295	0.1120	1.0000	1.0000	0.0272
0.875	0.0457	0.1283	0.3111	1.0000	1.0000	0.0842
0.900	0.1731	0.3361	0.5923	1.0000	1.0000	0.1761
0.925	0.4418	0.6272	0.9001	1.0000	1.0000	0.2822
0.950	0.7538	0.9348	1.1621	1.0000	1.0000	0.3809
0.975	1.1237	1.2059	1.3544	1.0000	1.0000	0.4620
1.000	1.4198	1.4002	1.4705	1.0000	1.0000	0.5249
1.025	1.6357	1.5355	1.5252	1.0000	1.0000	0.5729
1.050	1.7494	1.6043	1.5302	1.0000	0.9999	0.6091
1.075	1.8109	1.6107	1.5180	1.0000	0.9990	0.6369
1.100	1.8427	1.6064	1.4758	1.0000	0.9947	0.6585
1.125	1.8488	1.5731	1.4313	1.0000	0.9809	0.6753
1.150	1.7707	1.5402	1.3786	1.0000	0.9493	0.6886
1.175	1.7343	1.4911	1.3274	1.0000	0.8955	0.6992
1.200	1.6875	1.4383	1.2742	1.0000	0.8239	0.7077
1.225	1.6208	1.3945	1.2264	0.9999	0.7443	0.7146
1.250	1.5407	1.3457	1.1819	0.9991	0.6666	0.7201
1.275	1.5111	1.3045	1.1452	0.9960	0.5970	0.7247
1.300	1.4467	1.2648	1.1107	0.9869	0.5380	0.7284
1.325	1.4362	1.2292	1.0763	0.9671	0.4892	0.7314
1.350	1.3758	1.1908	1.0522	0.9327	0.4494	0.7339
1.375	1.3327	1.1630	1.0286	0.8835	0.4171	0.7360
1.400	1.2972	1.1340	1.0083	0.8230	0.3909	0.7376
1.425	1.2710	1.1087	0.9899	0.7576	0.3694	0.7389
1.450	1.2474	1.0843	0.9727	0.6927	0.3516	0.7400
1.475	1.2226	1.0621	0.9618	0.6324	0.3369	0.7408
1.500	1.1971	1.0439	0.9505	0.5789	0.3247	0.7414
1.525	1.1899	1.0317	0.9416	0.5326	0.3144	0.7418
1.550	1.1715	1.0139	0.9381	0.4929	0.3058	0.7421
1.575	1.1269	1.0038	0.9338	0.4592	0.2985	0.7422
1.600	1.1238	0.9898	0.9265	0.4308	0.2923	0.7422
1.625	1.0880	0.9795	0.9264	0.4069	0.2870	0.7422
1.650	1.0778	0.9701	0.9262	0.3865	0.2825	0.7420
1.675	1.0640	0.9624	0.9243	0.3691	0.2786	0.7418
1.700	1.0654	0.9590	0.9311	0.3544	0.2753	0.7416
1.725	1.0434	0.9486	0.9339	0.3417	0.2725	0.7413
1.750	1.0417	0.9460	0.9411	0.3306	0.2700	0.7411
1.775	1.0316	0.9396	0.9494	0.3212	0.2679	0.7409
1.800	1.0061	0.9371	0.9571	0.3129	0.2661	0.7408
1.825	0.9892	0.9331	0.9665	0.3056	0.2645	0.7408
1.850	0.9963	0.9390	0.9746	0.2991	0.2631	0.7408
1.875	1.0046	0.9372	0.9828	0.2936	0.2620	0.7408
1.900	0.9823	0.9390	0.9914	0.2887	0.2611	0.7410
1.925	0.9832	0.9356	0.9991	0.2844	0.2603	0.7411
1.950	0.9639	0.9402	1.0065	0.2805	0.2596	0.7413
1.975	0.9732	0.9399	1.0119	0.2771	0.2591	0.7416
2.000	0.9692	0.9431	1.0167	0.2740	0.2586	0.7419
2.025	0.9530	0.9496	1.0197	0.2713	0.2583	0.7423
2.050	0.9721	0.9501	1.0234	0.2690	0.2581	0.7426
2.075	0.9460	0.9582	1.0236	0.2668	0.2579	0.7430
2.100	0.9368	0.9616	1.0240	0.2648	0.2578	0.7433
2.125	0.9492	0.9676	1.0253	0.2631	0.2578	0.7437
2.150	0.9566	0.9716	1.0234	0.2616	0.2578	0.7441
2.175	0.9383	0.9793	1.0230	0.2603	0.2579	0.7444
2.200	0.9403	0.9882	1.0218	0.2590	0.2580	0.7448
2.225	0.9256	0.9927	1.0184	0.2579	0.2581	0.7451
2.250	0.9396	0.9959	1.0168	0.2569	0.2583	0.7454
2.275	0.9307	1.0012	1.0148	0.2561	0.2585	0.7456
2.300	0.9351	1.0030	1.0126	0.2553	0.2587	0.7459
2.325	0.9319	1.0086	1.0121	0.2546	0.2588	0.7461
2.350	0.9205	1.0130	1.0075	0.2540	0.2590	0.7463
2.375	0.9272	1.0127	1.0065	0.2534	0.2591	0.7465
2.400	0.9334	1.0162	1.0051	0.2529	0.2592	0.7467
2.425	0.9251	1.0170	1.0021	0.2525	0.2592	0.7468
2.450	0.9368	1.0172	1.0015	0.2522	0.2592	0.7470
2.475	0.9325	1.0195	0.9987	0.2519	0.2592	0.7471
2.500	0.9288	1.0216	0.9971	0.2516	0.2592	0.7472
2.525	0.9345	1.0206	0.9984	0.2514	0.2591	0.7473

2.550	0.9363	1.0192	0.9960	0.2512	0.2590	0.7473
2.575	0.9402	1.0223	0.9960	0.2511	0.2588	0.7474
2.600	0.9479	1.0213	0.9947	0.2510	0.2587	0.7475
2.625	0.9458	1.0173	0.9947	0.2510	0.2585	0.7475
2.650	0.9646	1.0177	0.9951	0.2511	0.2582	0.7476
2.675	0.9466	1.0166	0.9941	0.2511	0.2580	0.7476
2.700	0.9547	1.0153	0.9956	0.2511	0.2577	0.7476
2.725	0.9748	1.0126	0.9954	0.2513	0.2575	0.7477
2.750	0.9588	1.0110	0.9947	0.2514	0.2572	0.7477
2.775	0.9634	1.0077	0.9951	0.2515	0.2569	0.7477
2.800	0.9778	1.0083	0.9967	0.2516	0.2567	0.7478
2.825	0.9676	1.0046	0.9972	0.2517	0.2564	0.7478
2.850	0.9819	1.0044	0.9967	0.2519	0.2561	0.7478
2.875	0.9984	1.0033	0.9991	0.2521	0.2558	0.7479
2.900	0.9980	1.0035	1.0005	0.2523	0.2556	0.7479
2.925	0.9940	0.9976	1.0002	0.2526	0.2553	0.7480
2.950	1.0031	1.0002	1.0013	0.2528	0.2551	0.7480
2.975	0.9947	1.0002	1.0031	0.2530	0.2549	0.7481
3.000	1.0066	0.9988	1.0032	0.2532	0.2546	0.7481
3.025	1.0117	0.9982	1.0041	0.2534	0.2544	0.7482
3.050	1.0087	0.9949	1.0029	0.2536	0.2542	0.7482
3.075	1.0148	0.9963	1.0043	0.2538	0.2541	0.7483
3.100	1.0149	0.9945	1.0024	0.2540	0.2539	0.7484
3.125	1.0179	0.9981	1.0034	0.2542	0.2537	0.7484
3.150	1.0265	0.9952	1.0035	0.2544	0.2536	0.7485
3.175	1.0160	0.9960	1.0038	0.2545	0.2535	0.7485
3.200	1.0216	0.9951	1.0048	0.2547	0.2533	0.7486
3.225	1.0303	0.9983	1.0033	0.2548	0.2532	0.7486
3.250	1.0254	0.9951	1.0033	0.2549	0.2531	0.7487
3.275	1.0262	0.9951	1.0035	0.2550	0.2530	0.7487
3.300	1.0172	0.9951	1.0021	0.2551	0.2529	0.7488
3.325	1.0260	0.9975	1.0020	0.2551	0.2529	0.7488
3.350	1.0330	0.9973	1.0013	0.2551	0.2528	0.7488
3.375	1.0246	0.9965	1.0014	0.2551	0.2527	0.7489
3.400	1.0148	0.9980	1.0008	0.2551	0.2527	0.7489
3.425	1.0273	0.9980	1.0012	0.2551	0.2526	0.7489
3.450	1.0146	0.9992	1.0015	0.2551	0.2526	0.7489
3.475	1.0212	0.9989	1.0013	0.2550	0.2525	0.7490
3.500	1.0168	0.9981	0.9989	0.2549	0.2525	0.7490
3.525	1.0154	0.9986	1.0015	0.2548	0.2524	0.7490
3.550	1.0125	1.0012	1.0000	0.2547	0.2524	0.7490
3.575	1.0189	0.9981	1.0007	0.2547	0.2524	0.7491
3.600	1.0198	1.0004	1.0003	0.2546	0.2524	0.7491
3.625	1.0183	1.0009	1.0002	0.2545	0.2523	0.7491
3.650	1.0140	0.9997	1.0001	0.2544	0.2523	0.7491
3.675	1.0045	1.0012	1.0014	0.2543	0.2523	0.7491
3.700	1.0134	1.0019	1.0015	0.2541	0.2523	0.7492
3.725	1.0099	1.0000	1.0011	0.2540	0.2522	0.7492
3.750	1.0120	1.0027	0.9996	0.2539	0.2522	0.7492
3.775	1.0094	1.0034	1.0012	0.2538	0.2522	0.7492
3.800	1.0083	1.0011	1.0012	0.2537	0.2522	0.7492
3.825	1.0058	1.0024	1.0004	0.2535	0.2521	0.7493
3.850	1.0147	1.0016	1.0006	0.2534	0.2521	0.7493
3.875	1.0042	1.0037	1.0011	0.2533	0.2521	0.7493
3.900	1.0109	1.0031	1.0014	0.2532	0.2520	0.7493
3.925	1.0034	1.0027	1.0020	0.2531	0.2520	0.7493
3.950	1.0045	1.0013	1.0020	0.2530	0.2520	0.7493
3.975	1.0006	1.0030	1.0018	0.2529	0.2519	0.7494
4.000	1.0000	1.0000	1.0000	0.2528	0.2519	0.7494

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ*= 0.105 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0044	0.0286	0.1023	1.0000	1.0000	0.0090
0.875	0.0414	0.1182	0.2840	1.0000	1.0000	0.0287
0.900	0.1626	0.3072	0.5456	1.0000	1.0000	0.0644
0.925	0.4051	0.5843	0.8264	1.0000	1.0000	0.1122
0.950	0.7256	0.8720	1.0792	1.0000	1.0000	0.1652
0.975	1.0475	1.1351	1.2642	1.0000	1.0000	0.2169
1.000	1.3505	1.3248	1.3757	1.0000	1.0000	0.2629
1.025	1.5625	1.4455	1.4342	1.0000	1.0000	0.3022
1.050	1.6914	1.5094	1.4547	1.0000	1.0000	0.3351
1.075	1.7515	1.5393	1.4393	1.0000	0.9996	0.3622
1.100	1.7636	1.5344	1.4042	1.0000	0.9982	0.3842
1.125	1.7636	1.5039	1.3690	1.0000	0.9937	0.4023
1.150	1.7090	1.4728	1.3249	1.0000	0.9831	0.4171
1.175	1.6641	1.4290	1.2792	1.0000	0.9638	0.4292
1.200	1.6224	1.3897	1.2446	1.0000	0.9356	0.4393
1.225	1.5740	1.3438	1.2009	1.0000	0.9005	0.4477
1.250	1.5245	1.3032	1.1582	0.9997	0.8615	0.4545
1.275	1.4687	1.2672	1.1251	0.9986	0.8215	0.4600
1.300	1.4264	1.2309	1.1023	0.9956	0.7831	0.4647
1.325	1.3833	1.2015	1.0717	0.9891	0.7479	0.4686
1.350	1.3525	1.1737	1.0496	0.9776	0.7166	0.4718
1.375	1.2997	1.1416	1.0333	0.9597	0.6890	0.4745
1.400	1.2835	1.1210	1.0154	0.9358	0.6649	0.4768
1.425	1.2470	1.0973	1.0013	0.9072	0.6441	0.4787
1.450	1.2171	1.0804	0.9905	0.8756	0.6262	0.4803
1.475	1.1848	1.0649	0.9814	0.8427	0.6109	0.4817
1.500	1.1792	1.0491	0.9751	0.8102	0.5977	0.4829
1.525	1.1516	1.0340	0.9667	0.7794	0.5863	0.4838
1.550	1.1425	1.0221	0.9647	0.7508	0.5765	0.4846
1.575	1.1138	1.0160	0.9625	0.7247	0.5681	0.4853
1.600	1.0869	1.0045	0.9606	0.7010	0.5607	0.4858
1.625	1.0866	0.9955	0.9576	0.6797	0.5543	0.4863
1.650	1.0743	0.9908	0.9563	0.6607	0.5488	0.4866
1.675	1.0556	0.9838	0.9588	0.6439	0.5440	0.4869
1.700	1.0455	0.9847	0.9589	0.6290	0.5400	0.4871
1.725	1.0362	0.9786	0.9612	0.6157	0.5364	0.4872
1.750	1.0265	0.9743	0.9641	0.6039	0.5333	0.4874
1.775	1.0134	0.9714	0.9653	0.5934	0.5306	0.4875
1.800	1.0155	0.9656	0.9688	0.5840	0.5282	0.4876
1.825	1.0089	0.9614	0.9761	0.5757	0.5261	0.4877
1.850	1.0110	0.9640	0.9806	0.5684	0.5243	0.4879
1.875	0.9996	0.9596	0.9864	0.5619	0.5227	0.4881
1.900	0.9996	0.9613	0.9928	0.5561	0.5213	0.4884
1.925	0.9909	0.9602	0.9937	0.5509	0.5200	0.4887
1.950	0.9916	0.9582	1.0028	0.5462	0.5189	0.4890
1.975	0.9846	0.9599	1.0025	0.5420	0.5180	0.4894
2.000	0.9809	0.9606	1.0069	0.5382	0.5171	0.4897
2.025	0.9788	0.9636	1.0090	0.5348	0.5164	0.4901
2.050	0.9725	0.9659	1.0151	0.5317	0.5158	0.4905
2.075	0.9702	0.9680	1.0128	0.5290	0.5152	0.4909
2.100	0.9758	0.9713	1.0160	0.5265	0.5147	0.4913
2.125	0.9681	0.9749	1.0149	0.5243	0.5143	0.4917
2.150	0.9683	0.9793	1.0146	0.5223	0.5139	0.4921
2.175	0.9717	0.9791	1.0146	0.5205	0.5136	0.4925
2.200	0.9612	0.9836	1.0123	0.5189	0.5134	0.4929
2.225	0.9599	0.9886	1.0097	0.5174	0.5132	0.4932
2.250	0.9612	0.9940	1.0091	0.5160	0.5130	0.4935
2.275	0.9621	0.9958	1.0089	0.5148	0.5129	0.4938
2.300	0.9574	0.9964	1.0074	0.5138	0.5128	0.4941
2.325	0.9566	1.0013	1.0065	0.5128	0.5127	0.4944
2.350	0.9561	1.0042	1.0047	0.5119	0.5126	0.4946
2.375	0.9542	1.0066	1.0047	0.5110	0.5125	0.4948
2.400	0.9594	1.0058	1.0040	0.5103	0.5124	0.4950
2.425	0.9580	1.0091	1.0025	0.5097	0.5123	0.4952
2.450	0.9515	1.0100	1.0029	0.5091	0.5122	0.4954
2.475	0.9558	1.0126	1.0011	0.5085	0.5120	0.4955
2.500	0.9564	1.0122	1.0000	0.5080	0.5119	0.4957
2.525	0.9504	1.0106	1.0007	0.5076	0.5117	0.4958

2.550	0.9584	1.0117	0.9979	0.5071	0.5115	0.4959
2.575	0.9560	1.0094	1.0004	0.5067	0.5113	0.4960
2.600	0.9638	1.0109	0.9999	0.5064	0.5110	0.4962
2.625	0.9577	1.0095	0.9968	0.5061	0.5107	0.4962
2.650	0.9647	1.0112	0.9981	0.5059	0.5105	0.4963
2.675	0.9632	1.0097	0.9976	0.5057	0.5102	0.4964
2.700	0.9611	1.0096	0.9986	0.5055	0.5099	0.4965
2.725	0.9679	1.0067	0.9988	0.5053	0.5096	0.4966
2.750	0.9688	1.0063	0.9979	0.5052	0.5093	0.4967
2.775	0.9755	1.0069	1.0008	0.5052	0.5090	0.4967
2.800	0.9798	1.0079	1.0000	0.5051	0.5087	0.4968
2.825	0.9751	1.0031	1.0006	0.5051	0.5084	0.4969
2.850	0.9827	1.0030	0.9996	0.5051	0.5081	0.4970
2.875	0.9799	1.0029	1.0014	0.5051	0.5078	0.4970
2.900	0.9845	1.0005	1.0015	0.5051	0.5075	0.4971
2.925	0.9873	1.0016	1.0015	0.5052	0.5072	0.4972
2.950	0.9909	1.0011	1.0015	0.5052	0.5070	0.4973
2.975	0.9883	1.0009	1.0011	0.5053	0.5067	0.4973
3.000	0.9938	1.0000	1.0019	0.5054	0.5065	0.4974
3.025	0.9994	0.9991	1.0004	0.5054	0.5063	0.4975
3.050	1.0003	0.9975	1.0015	0.5055	0.5060	0.4975
3.075	0.9963	0.9979	1.0027	0.5056	0.5058	0.4976
3.100	0.9995	0.9989	1.0027	0.5057	0.5056	0.4977
3.125	1.0035	0.9988	1.0033	0.5057	0.5055	0.4978
3.150	1.0071	0.9986	1.0039	0.5058	0.5053	0.4978
3.175	1.0080	0.9980	1.0020	0.5059	0.5051	0.4979
3.200	1.0032	1.0009	1.0034	0.5059	0.5050	0.4980
3.225	1.0064	1.0013	1.0025	0.5059	0.5049	0.4980
3.250	1.0049	1.0010	1.0032	0.5060	0.5047	0.4981
3.275	1.0079	0.9995	1.0014	0.5060	0.5046	0.4982
3.300	1.0124	0.9992	1.0037	0.5060	0.5045	0.4982
3.325	1.0047	0.9992	1.0021	0.5060	0.5044	0.4983
3.350	1.0081	1.0005	1.0024	0.5060	0.5043	0.4983
3.375	1.0090	0.9997	1.0025	0.5059	0.5042	0.4984
3.400	1.0088	0.9986	1.0004	0.5059	0.5041	0.4984
3.425	1.0095	0.9994	1.0015	0.5058	0.5040	0.4985
3.450	1.0059	0.9997	1.0011	0.5057	0.5039	0.4985
3.475	1.0096	1.0000	1.0013	0.5057	0.5038	0.4985
3.500	1.0077	1.0003	1.0014	0.5056	0.5038	0.4986
3.525	1.0077	1.0002	1.0023	0.5055	0.5037	0.4986
3.550	1.0081	1.0007	1.0021	0.5054	0.5036	0.4987
3.575	1.0098	1.0010	1.0009	0.5053	0.5036	0.4987
3.600	1.0027	1.0007	1.0019	0.5052	0.5035	0.4987
3.625	1.0070	1.0002	1.0012	0.5051	0.5034	0.4988
3.650	1.0056	1.0008	1.0017	0.5049	0.5034	0.4988
3.675	1.0064	1.0011	1.0014	0.5048	0.5033	0.4988
3.700	1.0056	1.0005	1.0007	0.5047	0.5033	0.4989
3.725	1.0075	1.0017	1.0008	0.5046	0.5032	0.4989
3.750	1.0032	1.0025	1.0020	0.5044	0.5031	0.4989
3.775	1.0048	1.0012	1.0012	0.5043	0.5031	0.4989
3.800	1.0008	1.0015	1.0016	0.5042	0.5030	0.4990
3.825	1.0030	1.0018	1.0027	0.5041	0.5030	0.4990
3.850	1.0040	1.0011	1.0010	0.5039	0.5029	0.4990
3.875	1.0018	1.0024	1.0022	0.5038	0.5029	0.4991
3.900	1.0036	1.0012	1.0021	0.5037	0.5028	0.4991
3.925	1.0003	1.0014	1.0016	0.5036	0.5028	0.4991
3.950	1.0035	1.0015	1.0033	0.5035	0.5027	0.4991
3.975	1.0003	1.0002	1.0032	0.5034	0.5027	0.4992
4.000	1.0000	1.0000	1.0000	0.5033	0.5026	0.4992

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.131 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0045	0.0263	0.0891	1.0000	1.0000	0.0029
0.875	0.0374	0.1093	0.2428	1.0000	1.0000	0.0091
0.900	0.1462	0.2785	0.4763	1.0000	1.0000	0.0210
0.925	0.3652	0.5360	0.7155	1.0000	1.0000	0.0378
0.950	0.6653	0.7940	0.9446	1.0000	1.0000	0.0579
0.975	0.9681	1.0269	1.1118	1.0000	1.0000	0.0793
1.000	1.2271	1.2122	1.2273	1.0000	1.0000	0.1000
1.025	1.4124	1.3262	1.2847	1.0000	1.0000	0.1191
1.050	1.5288	1.3922	1.3203	1.0000	1.0000	0.1361
1.075	1.5889	1.4206	1.3182	1.0000	0.9999	0.1511
1.100	1.6217	1.4220	1.2929	1.0000	0.9994	0.1639
1.125	1.6134	1.4099	1.2645	1.0000	0.9979	0.1747
1.150	1.5703	1.3799	1.2324	1.0000	0.9946	0.1838
1.175	1.5509	1.3468	1.1991	1.0000	0.9885	0.1914
1.200	1.5093	1.3127	1.1717	1.0000	0.9790	0.1979
1.225	1.4598	1.2782	1.1415	1.0000	0.9667	0.2034
1.250	1.4159	1.2382	1.1108	0.9999	0.9524	0.2079
1.275	1.3849	1.2109	1.0943	0.9995	0.9367	0.2118
1.300	1.3356	1.1774	1.0682	0.9985	0.9207	0.2151
1.325	1.3010	1.1593	1.0610	0.9964	0.9050	0.2180
1.350	1.2748	1.1363	1.0355	0.9925	0.8902	0.2204
1.375	1.2432	1.1177	1.0353	0.9864	0.8764	0.2225
1.400	1.2127	1.0972	1.0244	0.9780	0.8639	0.2245
1.425	1.1866	1.0805	1.0172	0.9675	0.8524	0.2262
1.450	1.1615	1.0626	1.0087	0.9556	0.8422	0.2277
1.475	1.1496	1.0523	1.0102	0.9427	0.8333	0.2291
1.500	1.1180	1.0446	1.0046	0.9292	0.8253	0.2303
1.525	1.1140	1.0325	1.0080	0.9157	0.8184	0.2315
1.550	1.0989	1.0315	0.9946	0.9026	0.8122	0.2326
1.575	1.0859	1.0238	0.9983	0.8901	0.8069	0.2335
1.600	1.0717	1.0207	0.9877	0.8783	0.8021	0.2343
1.625	1.0596	1.0132	0.9908	0.8674	0.7979	0.2351
1.650	1.0486	1.0116	0.9888	0.8573	0.7943	0.2357
1.675	1.0438	1.0083	0.9932	0.8479	0.7910	0.2364
1.700	1.0313	1.0048	0.9919	0.8394	0.7882	0.2370
1.725	1.0223	1.0072	0.9898	0.8317	0.7856	0.2375
1.750	1.0180	1.0027	0.9862	0.8246	0.7834	0.2380
1.775	1.0119	0.9992	0.9871	0.8183	0.7814	0.2384
1.800	1.0106	0.9998	0.9926	0.8125	0.7796	0.2388
1.825	1.0102	0.9980	0.9911	0.8073	0.7780	0.2392
1.850	1.0034	0.9930	0.9841	0.8026	0.7765	0.2396
1.875	1.0051	0.9914	1.0009	0.7984	0.7751	0.2399
1.900	0.9973	0.9939	0.9904	0.7947	0.7738	0.2403
1.925	0.9973	0.9933	0.9929	0.7912	0.7727	0.2406
1.950	0.9938	0.9882	1.0052	0.7881	0.7716	0.2409
1.975	0.9922	0.9855	1.0013	0.7853	0.7706	0.2413
2.000	1.0016	0.9882	1.0018	0.7828	0.7697	0.2416
2.025	0.9920	0.9838	1.0022	0.7805	0.7688	0.2419
2.050	0.9950	0.9918	1.0049	0.7784	0.7679	0.2422
2.075	0.9930	0.9910	1.0070	0.7765	0.7672	0.2426
2.100	0.9867	0.9896	1.0089	0.7748	0.7665	0.2429
2.125	0.9915	0.9855	1.0117	0.7732	0.7659	0.2432
2.150	0.9854	0.9891	1.0008	0.7718	0.7653	0.2435
2.175	0.9893	0.9897	1.0053	0.7705	0.7648	0.2437
2.200	0.9871	0.9917	1.0056	0.7693	0.7643	0.2439
2.225	0.9853	0.9937	1.0058	0.7683	0.7638	0.2442
2.250	0.9851	0.9918	1.0090	0.7673	0.7633	0.2444
2.275	0.9860	0.9949	1.0107	0.7664	0.7629	0.2447
2.300	0.9824	0.9934	1.0021	0.7655	0.7625	0.2449
2.325	0.9837	0.9995	1.0064	0.7647	0.7621	0.2450
2.350	0.9825	0.9991	1.0040	0.7640	0.7618	0.2452
2.375	0.9834	1.0001	1.0037	0.7633	0.7615	0.2454
2.400	0.9862	1.0007	1.0069	0.7627	0.7612	0.2456
2.425	0.9766	1.0015	1.0009	0.7621	0.7609	0.2457
2.450	0.9800	1.0019	1.0025	0.7615	0.7606	0.2459
2.475	0.9789	1.0003	1.0032	0.7610	0.7604	0.2460
2.500	0.9751	1.0044	1.0010	0.7605	0.7601	0.2461
2.525	0.9779	0.9993	0.9984	0.7600	0.7598	0.2462

2.550	0.9826	1.0048	1.0006	0.7596	0.7596	0.2463
2.575	0.9756	1.0025	1.0004	0.7591	0.7594	0.2464
2.600	0.9748	1.0033	1.0008	0.7587	0.7591	0.2465
2.625	0.9793	0.9996	1.0001	0.7583	0.7588	0.2466
2.650	0.9785	1.0039	0.9963	0.7580	0.7586	0.2467
2.675	0.9813	1.0030	0.9986	0.7576	0.7583	0.2468
2.700	0.9798	1.0009	1.0031	0.7573	0.7581	0.2469
2.725	0.9822	1.0014	0.9997	0.7570	0.7578	0.2470
2.750	0.9849	1.0015	0.9966	0.7568	0.7576	0.2470
2.775	0.9835	0.9995	1.0005	0.7565	0.7574	0.2471
2.800	0.9871	1.0024	1.0036	0.7563	0.7571	0.2472
2.825	0.9844	1.0011	0.9995	0.7561	0.7569	0.2473
2.850	0.9844	1.0006	1.0012	0.7559	0.7567	0.2473
2.875	0.9876	0.9985	0.9996	0.7557	0.7565	0.2474
2.900	0.9858	1.0034	1.0016	0.7556	0.7563	0.2475
2.925	0.9921	1.0016	1.0011	0.7554	0.7561	0.2475
2.950	0.9903	0.9998	1.0049	0.7553	0.7559	0.2476
2.975	0.9920	1.0007	0.9997	0.7552	0.7558	0.2477
3.000	0.9967	1.0032	0.9995	0.7551	0.7556	0.2477
3.025	0.9965	0.9988	1.0007	0.7550	0.7554	0.2478
3.050	0.9964	1.0012	1.0018	0.7549	0.7552	0.2478
3.075	0.9952	1.0035	1.0015	0.7549	0.7551	0.2479
3.100	0.9986	1.0014	1.0005	0.7548	0.7550	0.2480
3.125	0.9952	1.0005	1.0012	0.7547	0.7548	0.2480
3.150	1.0001	1.0003	1.0011	0.7546	0.7547	0.2481
3.175	1.0002	1.0011	1.0006	0.7545	0.7546	0.2481
3.200	1.0017	1.0000	1.0013	0.7545	0.7544	0.2482
3.225	0.9996	1.0028	1.0010	0.7545	0.7543	0.2482
3.250	0.9998	0.9994	1.0062	0.7544	0.7542	0.2483
3.275	1.0003	1.0009	1.0076	0.7543	0.7541	0.2483
3.300	1.0002	1.0010	1.0044	0.7543	0.7540	0.2484
3.325	1.0025	1.0019	1.0035	0.7542	0.7539	0.2485
3.350	1.0032	1.0020	1.0073	0.7542	0.7538	0.2485
3.375	1.0038	1.0025	1.0043	0.7541	0.7538	0.2486
3.400	1.0009	1.0003	1.0023	0.7541	0.7537	0.2486
3.425	1.0009	1.0004	1.0029	0.7540	0.7536	0.2487
3.450	1.0014	1.0008	1.0029	0.7539	0.7535	0.2487
3.475	1.0044	1.0016	1.0013	0.7539	0.7534	0.2487
3.500	1.0035	1.0001	1.0036	0.7538	0.7534	0.2488
3.525	1.0017	1.0025	1.0027	0.7538	0.7533	0.2488
3.550	1.0003	0.9990	1.0040	0.7537	0.7533	0.2488
3.575	0.9976	0.9979	1.0000	0.7536	0.7532	0.2489
3.600	1.0006	1.0011	1.0033	0.7535	0.7531	0.2489
3.625	1.0015	1.0006	1.0034	0.7535	0.7530	0.2489
3.650	1.0016	1.0017	1.0008	0.7534	0.7530	0.2490
3.675	1.0020	1.0002	0.9992	0.7533	0.7529	0.2490
3.700	1.0033	1.0021	1.0015	0.7532	0.7529	0.2490
3.725	1.0007	1.0011	1.0025	0.7532	0.7528	0.2490
3.750	1.0000	1.0022	1.0016	0.7531	0.7528	0.2491
3.775	1.0008	0.9995	1.0006	0.7530	0.7527	0.2491
3.800	1.0001	1.0000	1.0026	0.7530	0.7527	0.2491
3.825	1.0016	1.0020	1.0036	0.7529	0.7526	0.2491
3.850	1.0016	1.0017	1.0003	0.7529	0.7526	0.2492
3.875	1.0006	1.0009	1.0036	0.7528	0.7525	0.2492
3.900	1.0005	1.0010	1.0028	0.7527	0.7525	0.2492
3.925	0.9978	1.0012	1.0012	0.7527	0.7524	0.2492
3.950	0.9991	1.0003	0.9998	0.7526	0.7524	0.2493
3.975	0.9991	1.0008	1.0020	0.7525	0.7523	0.2493
4.000	1.0000	1.0000	1.0000	0.7525	0.7523	0.2493

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.151$ $x_1=0.9001$ $\epsilon_{22}/\epsilon_{11}=0.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0043	0.0223	0.0735	1.0000	1.0000	0.0009
0.875	0.0356	0.0982	0.2158	1.0000	1.0000	0.0028
0.900	0.1370	0.2579	0.4186	1.0000	1.0000	0.0066
0.925	0.3375	0.4778	0.6346	1.0000	1.0000	0.0121
0.950	0.6065	0.7368	0.8426	1.0000	1.0000	0.0189
0.975	0.8924	0.9577	0.9913	1.0000	1.0000	0.0262
1.000	1.1386	1.1192	1.1046	1.0000	1.0000	0.0336
1.025	1.3113	1.2383	1.1528	1.0000	1.0000	0.0406
1.050	1.4357	1.3008	1.1687	1.0000	1.0000	0.0469
1.075	1.4902	1.3336	1.1983	1.0000	1.0000	0.0526
1.100	1.5064	1.3281	1.1911	1.0000	0.9998	0.0577
1.125	1.5103	1.3288	1.1651	1.0000	0.9994	0.0621
1.150	1.4815	1.3045	1.1371	1.0000	0.9984	0.0658
1.175	1.4520	1.2734	1.1051	1.0000	0.9964	0.0690
1.200	1.4156	1.2469	1.0865	1.0000	0.9934	0.0716
1.225	1.3797	1.2138	1.0759	1.0000	0.9894	0.0740
1.250	1.3392	1.1914	1.0497	1.0000	0.9846	0.0760
1.275	1.3026	1.1596	1.0259	0.9999	0.9793	0.0776
1.300	1.2721	1.1490	1.0268	0.9995	0.9738	0.0791
1.325	1.2457	1.1232	1.0223	0.9988	0.9682	0.0804
1.350	1.2103	1.1022	1.0193	0.9976	0.9628	0.0816
1.375	1.1831	1.0861	0.9999	0.9956	0.9577	0.0827
1.400	1.1608	1.0692	1.0128	0.9928	0.9531	0.0836
1.425	1.1421	1.0599	0.9931	0.9894	0.9488	0.0845
1.450	1.1193	1.0484	1.0036	0.9852	0.9448	0.0853
1.475	1.1041	1.0388	0.9880	0.9807	0.9412	0.0860
1.500	1.0864	1.0293	1.0014	0.9759	0.9379	0.0867
1.525	1.0758	1.0273	0.9969	0.9710	0.9351	0.0874
1.550	1.0598	1.0246	0.9920	0.9662	0.9325	0.0880
1.575	1.0512	1.0188	0.9967	0.9614	0.9303	0.0885
1.600	1.0422	1.0220	1.0129	0.9569	0.9284	0.0891
1.625	1.0300	1.0196	1.0065	0.9526	0.9266	0.0896
1.650	1.0263	1.0148	1.0113	0.9487	0.9250	0.0901
1.675	1.0204	1.0193	1.0022	0.9450	0.9236	0.0906
1.700	1.0149	1.0161	1.0083	0.9415	0.9224	0.0910
1.725	1.0094	1.0178	1.0151	0.9383	0.9212	0.0915
1.750	1.0044	1.0157	1.0028	0.9354	0.9202	0.0919
1.775	1.0029	1.0129	1.0016	0.9327	0.9193	0.0922
1.800	1.0000	1.0156	0.9990	0.9303	0.9184	0.0925
1.825	1.0003	1.0156	1.0106	0.9281	0.9176	0.0929
1.850	0.9968	1.0113	1.0099	0.9261	0.9168	0.0932
1.875	0.9986	1.0089	1.0017	0.9243	0.9161	0.0935
1.900	0.9971	1.0091	1.0108	0.9226	0.9155	0.0937
1.925	0.9985	1.0055	0.9947	0.9211	0.9149	0.0940
1.950	0.9995	1.0073	1.0010	0.9198	0.9143	0.0942
1.975	0.9951	1.0041	1.0018	0.9185	0.9138	0.0944
2.000	1.0018	1.0028	0.9996	0.9174	0.9133	0.0946
2.025	0.9997	1.0035	0.9997	0.9163	0.9128	0.0948
2.050	0.9998	1.0016	1.0066	0.9154	0.9123	0.0950
2.075	0.9968	1.0005	1.0036	0.9146	0.9119	0.0952
2.100	1.0025	1.0020	1.0050	0.9138	0.9115	0.0954
2.125	1.0006	1.0011	1.0040	0.9131	0.9111	0.0956
2.150	1.0006	1.0025	1.0069	0.9125	0.9106	0.0957
2.175	1.0016	1.0010	0.9975	0.9119	0.9102	0.0959
2.200	1.0020	0.9984	1.0035	0.9113	0.9099	0.0960
2.225	0.9995	1.0021	1.0015	0.9108	0.9095	0.0961
2.250	1.0023	1.0056	1.0000	0.9104	0.9092	0.0963
2.275	0.9979	1.0009	1.0013	0.9099	0.9089	0.0964
2.300	0.9995	1.0010	1.0045	0.9095	0.9085	0.0965
2.325	0.9973	0.9995	1.0000	0.9092	0.9082	0.0966
2.350	0.9988	0.9991	1.0018	0.9088	0.9079	0.0967
2.375	0.9966	1.0008	1.0023	0.9085	0.9077	0.0968
2.400	0.9957	1.0014	1.0047	0.9081	0.9075	0.0969
2.425	0.9948	1.0018	1.0020	0.9078	0.9072	0.0970
2.450	0.9936	1.0030	1.0073	0.9075	0.9070	0.0971
2.475	0.9933	0.9993	1.0026	0.9072	0.9067	0.0972
2.500	0.9923	1.0010	1.0098	0.9069	0.9065	0.0973
2.525	0.9939	1.0014	1.0007	0.9067	0.9063	0.0974

2.550	0.9921	1.0017	0.9939	0.9064	0.9061	0.0975
2.575	0.9936	0.9995	0.9974	0.9062	0.9059	0.0975
2.600	0.9919	1.0033	1.0015	0.9059	0.9058	0.0976
2.625	0.9953	1.0020	1.0000	0.9057	0.9056	0.0976
2.650	0.9938	0.9998	0.9926	0.9055	0.9055	0.0977
2.675	0.9959	1.0005	0.9939	0.9053	0.9053	0.0977
2.700	0.9933	1.0012	0.9934	0.9051	0.9052	0.0978
2.725	0.9948	1.0003	0.9952	0.9049	0.9050	0.0978
2.750	0.9947	1.0001	0.9969	0.9047	0.9049	0.0978
2.775	0.9964	0.9997	0.9900	0.9046	0.9047	0.0979
2.800	0.9956	1.0028	0.9901	0.9044	0.9046	0.0979
2.825	0.9963	0.9995	1.0038	0.9043	0.9045	0.0979
2.850	0.9949	1.0015	0.9984	0.9041	0.9044	0.0980
2.875	0.9968	1.0005	0.9957	0.9040	0.9042	0.0980
2.900	0.9946	1.0010	0.9976	0.9039	0.9041	0.0981
2.925	0.9991	1.0009	0.9966	0.9038	0.9040	0.0981
2.950	0.9966	1.0030	1.0046	0.9037	0.9039	0.0981
2.975	0.9971	1.0007	0.9980	0.9035	0.9038	0.0982
3.000	0.9999	1.0016	0.9987	0.9035	0.9037	0.0982
3.025	0.9979	1.0011	1.0028	0.9034	0.9037	0.0983
3.050	0.9977	1.0004	1.0043	0.9033	0.9036	0.0983
3.075	0.9988	0.9994	0.9960	0.9032	0.9035	0.0983
3.100	0.9992	0.9992	0.9994	0.9031	0.9034	0.0984
3.125	0.9999	1.0008	0.9954	0.9030	0.9033	0.0984
3.150	0.9978	1.0010	0.9987	0.9030	0.9032	0.0984
3.175	0.9998	0.9998	1.0013	0.9029	0.9031	0.0985
3.200	0.9982	1.0016	1.0038	0.9028	0.9031	0.0985
3.225	0.9994	1.0011	0.9973	0.9027	0.9030	0.0985
3.250	0.9987	1.0008	1.0023	0.9027	0.9029	0.0986
3.275	1.0007	1.0005	0.9976	0.9026	0.9029	0.0986
3.300	1.0007	0.9999	1.0028	0.9026	0.9028	0.0986
3.325	1.0007	1.0005	0.9987	0.9025	0.9027	0.0987
3.350	0.9992	0.9997	1.0005	0.9025	0.9026	0.0987
3.375	1.0003	1.0021	1.0013	0.9024	0.9026	0.0987
3.400	0.9999	1.0017	0.9992	0.9023	0.9025	0.0987
3.425	1.0008	1.0017	1.0012	0.9023	0.9025	0.0988
3.450	1.0001	1.0012	1.0001	0.9022	0.9025	0.0988
3.475	1.0006	1.0010	1.0042	0.9022	0.9024	0.0988
3.500	1.0011	1.0022	0.9972	0.9022	0.9024	0.0988
3.525	1.0008	1.0019	1.0013	0.9021	0.9023	0.0989
3.550	1.0011	1.0021	1.0008	0.9021	0.9023	0.0989
3.575	1.0022	1.0017	1.0024	0.9020	0.9023	0.0989
3.600	1.0007	1.0026	1.0014	0.9020	0.9022	0.0989
3.625	1.0011	1.0011	1.0022	0.9020	0.9022	0.0989
3.650	1.0015	1.0031	1.0009	0.9019	0.9022	0.0990
3.675	1.0026	1.0017	1.0047	0.9019	0.9021	0.0990
3.700	1.0016	1.0007	1.0055	0.9018	0.9021	0.0990
3.725	1.0017	1.0025	1.0032	0.9018	0.9021	0.0991
3.750	1.0018	1.0009	1.0039	0.9018	0.9020	0.0991
3.775	1.0009	1.0012	1.0052	0.9017	0.9020	0.0991
3.800	1.0002	1.0033	1.0026	0.9017	0.9020	0.0991
3.825	1.0006	1.0016	1.0063	0.9017	0.9020	0.0992
3.850	0.9996	1.0024	1.0003	0.9016	0.9019	0.0992
3.875	0.9996	1.0030	1.0011	0.9016	0.9019	0.0992
3.900	1.0021	1.0034	1.0053	0.9016	0.9019	0.0992
3.925	1.0004	1.0017	1.0042	0.9015	0.9018	0.0992
3.950	1.0008	1.0026	1.0014	0.9015	0.9018	0.0992
3.975	0.9999	1.0034	1.0015	0.9015	0.9018	0.0992
4.000	1.0000	1.0000	1.0000			

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.158 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0041	0.0224	0.0739	1.0000	1.0000	0.0004
0.875	0.0333	0.0927	0.1994	1.0000	1.0000	0.0013
0.900	0.1310	0.2466	0.4021	1.0000	1.0000	0.0031
0.925	0.3239	0.4635	0.6115	1.0000	1.0000	0.0057
0.950	0.5888	0.7055	0.7433	1.0000	1.0000	0.0087
0.975	0.8614	0.9098	0.9228	1.0000	1.0000	0.0120
1.000	1.0976	1.0790	1.0414	1.0000	1.0000	0.0155
1.025	1.2771	1.1932	1.0772	1.0000	1.0000	0.0188
1.050	1.3897	1.2638	1.1437	1.0000	1.0000	0.0219
1.075	1.4482	1.2841	1.1651	1.0000	1.0000	0.0248
1.100	1.4664	1.2965	1.1220	1.0000	0.9999	0.0273
1.125	1.4673	1.2844	1.1096	1.0000	0.9997	0.0294
1.150	1.4424	1.2666	1.1063	1.0000	0.9993	0.0313
1.175	1.4140	1.2371	1.0729	1.0000	0.9984	0.0330
1.200	1.3844	1.2133	1.0529	1.0000	0.9969	0.0343
1.225	1.3469	1.1848	1.0734	1.0000	0.9950	0.0356
1.250	1.3098	1.1606	0.9965	1.0000	0.9928	0.0366
1.275	1.2737	1.1398	1.0203	0.9999	0.9905	0.0374
1.300	1.2452	1.1228	1.0042	0.9998	0.9880	0.0382
1.325	1.2142	1.0969	0.9872	0.9995	0.9854	0.0388
1.350	1.1875	1.0806	0.9810	0.9989	0.9828	0.0394
1.375	1.1645	1.0672	0.9932	0.9979	0.9804	0.0400
1.400	1.1438	1.0585	0.9661	0.9967	0.9781	0.0404
1.425	1.1194	1.0417	1.0035	0.9950	0.9759	0.0409
1.450	1.1045	1.0330	0.9996	0.9931	0.9739	0.0413
1.475	1.0936	1.0207	0.9827	0.9910	0.9721	0.0417
1.500	1.0736	1.0192	0.9972	0.9887	0.9706	0.0421
1.525	1.0600	1.0126	1.0042	0.9864	0.9691	0.0425
1.550	1.0490	1.0127	1.0067	0.9840	0.9678	0.0429
1.575	1.0386	1.0117	1.0148	0.9817	0.9667	0.0432
1.600	1.0291	1.0090	1.0042	0.9795	0.9657	0.0435
1.625	1.0214	1.0142	1.0015	0.9774	0.9647	0.0438
1.650	1.0166	1.0126	1.0012	0.9755	0.9639	0.0441
1.675	1.0105	1.0128	0.9968	0.9736	0.9632	0.0444
1.700	1.0077	1.0204	0.9986	0.9719	0.9626	0.0446
1.725	1.0033	1.0174	1.0335	0.9704	0.9620	0.0449
1.750	1.0009	1.0166	1.0298	0.9689	0.9615	0.0451
1.775	0.9958	1.0163	1.0172	0.9676	0.9610	0.0454
1.800	0.9972	1.0171	1.0244	0.9664	0.9606	0.0456
1.825	0.9924	1.0165	1.0031	0.9653	0.9602	0.0458
1.850	0.9944	1.0132	1.0137	0.9643	0.9598	0.0460
1.875	0.9932	1.0141	1.0002	0.9633	0.9595	0.0462
1.900	0.9943	1.0155	0.9807	0.9625	0.9591	0.0463
1.925	0.9944	1.0104	1.0054	0.9617	0.9588	0.0464
1.950	0.9951	1.0111	1.0053	0.9610	0.9584	0.0466
1.975	0.9984	1.0127	1.0150	0.9604	0.9582	0.0467
2.000	0.9981	1.0107	1.0045	0.9598	0.9579	0.0468
2.025	0.9970	1.0070	1.0022	0.9593	0.9576	0.0469
2.050	0.9993	1.0088	1.0131	0.9588	0.9573	0.0471
2.075	1.0016	1.0077	1.0083	0.9584	0.9571	0.0472
2.100	1.0010	1.0039	0.9991	0.9580	0.9568	0.0473
2.125	1.0031	1.0056	0.9932	0.9576	0.9565	0.0474
2.150	1.0022	1.0023	1.0096	0.9573	0.9563	0.0475
2.175	1.0014	1.0025	0.9976	0.9570	0.9561	0.0475
2.200	1.0038	1.0059	1.0055	0.9567	0.9559	0.0476
2.225	1.0052	1.0052	1.0020	0.9565	0.9557	0.0477
2.250	1.0038	1.0066	0.9910	0.9562	0.9555	0.0478
2.275	1.0039	1.0038	0.9994	0.9560	0.9553	0.0478
2.300	1.0031	1.0020	1.0063	0.9558	0.9551	0.0479
2.325	1.0028	1.0006	1.0088	0.9556	0.9549	0.0480
2.350	1.0030	1.0019	1.0224	0.9554	0.9547	0.0480
2.375	1.0016	1.0037	1.0125	0.9552	0.9546	0.0481
2.400	1.0014	1.0011	1.0079	0.9551	0.9544	0.0482
2.425	1.0001	1.0024	1.0097	0.9549	0.9542	0.0483
2.450	0.9990	1.0027	0.9997	0.9547	0.9541	0.0483
2.475	0.9960	0.9985	0.9995	0.9546	0.9540	0.0483
2.500	0.9987	0.9983	1.0078	0.9544	0.9538	0.0484
2.525	0.9965	1.0008	0.9934	0.9543	0.9537	0.0484

2.550	0.9968	0.9977	0.9945	0.9541	0.9537	0.0485
2.575	0.9965	1.0002	1.0038	0.9540	0.9536	0.0485
2.600	0.9966	1.0005	0.9989	0.9538	0.9534	0.0486
2.625	0.9963	1.0013	1.0018	0.9537	0.9533	0.0486
2.650	0.9963	0.9999	1.0019	0.9536	0.9532	0.0486
2.675	0.9955	0.9998	1.0087	0.9534	0.9531	0.0487
2.700	0.9978	1.0003	0.9963	0.9533	0.9531	0.0487
2.725	0.9970	1.0019	1.0029	0.9532	0.9530	0.0487
2.750	0.9961	0.9991	0.9967	0.9531	0.9529	0.0488
2.775	0.9969	0.9956	0.9929	0.9530	0.9528	0.0488
2.800	0.9973	1.0015	0.9978	0.9529	0.9527	0.0488
2.825	0.9972	0.9998	0.9910	0.9528	0.9526	0.0488
2.850	0.9973	1.0032	0.9954	0.9527	0.9526	0.0488
2.875	0.9975	1.0007	0.9977	0.9526	0.9525	0.0489
2.900	0.9976	1.0023	0.9997	0.9526	0.9525	0.0489
2.925	0.9984	1.0001	1.0001	0.9525	0.9524	0.0489
2.950	0.9984	1.0011	1.0079	0.9524	0.9523	0.0489
2.975	0.9988	1.0005	1.0162	0.9523	0.9523	0.0490
3.000	0.9974	0.9996	1.0064	0.9523	0.9522	0.0490
3.025	0.9980	1.0002	1.0031	0.9522	0.9522	0.0490
3.050	0.9993	1.0018	1.0075	0.9521	0.9521	0.0490
3.075	1.0001	1.0012	0.9920	0.9521	0.9521	0.0491
3.100	0.9995	1.0015	0.9963	0.9520	0.9520	0.0491
3.125	0.9986	1.0011	0.9921	0.9520	0.9520	0.0491
3.150	1.0012	0.9999	0.9956	0.9519	0.9519	0.0491
3.175	0.9984	1.0015	1.0012	0.9519	0.9519	0.0491
3.200	0.9995	1.0008	0.9936	0.9518	0.9518	0.0491
3.225	1.0008	1.0022	0.9893	0.9518	0.9518	0.0491
3.250	0.9993	0.9986	0.9892	0.9518	0.9517	0.0491
3.275	0.9999	1.0015	0.9927	0.9517	0.9517	0.0491
3.300	1.0002	0.9987	0.9946	0.9517	0.9517	0.0491
3.325	0.9993	0.9998	0.9932	0.9516	0.9516	0.0492
3.350	1.0015	1.0016	0.9917	0.9516	0.9516	0.0492
3.375	0.9992	0.9994	0.9975	0.9516	0.9516	0.0492
3.400	0.9986	1.0010	0.9980	0.9515	0.9515	0.0492
3.425	1.0007	0.9991	0.9904	0.9515	0.9515	0.0492
3.450	0.9984	0.9992	0.9963	0.9515	0.9515	0.0492
3.475	0.9993	0.9991	0.9942	0.9514	0.9514	0.0492
3.500	1.0008	0.9988	0.9980	0.9514	0.9514	0.0492
3.525	1.0001	0.9982	1.0016	0.9514	0.9514	0.0492
3.550	1.0015	0.9990	0.9809	0.9513	0.9514	0.0492
3.575	1.0002	0.9995	0.9890	0.9513	0.9513	0.0492
3.600	0.9994	1.0018	0.9961	0.9513	0.9513	0.0492
3.625	0.9999	0.9999	0.9953	0.9513	0.9513	0.0492
3.650	0.9992	1.0002	0.9969	0.9512	0.9513	0.0492
3.675	1.0004	1.0008	0.9886	0.9512	0.9512	0.0492
3.700	0.9991	1.0015	0.9960	0.9512	0.9512	0.0493
3.725	0.9994	1.0003	0.9984	0.9512	0.9512	0.0493
3.750	1.0005	1.0032	1.0012	0.9512	0.9512	0.0493
3.775	0.9984	1.0032	0.9926	0.9511	0.9512	0.0493
3.800	1.0003	1.0005	0.9972	0.9511	0.9512	0.0493
3.825	1.0009	1.0011	0.9992	0.9511	0.9512	0.0493
3.850	1.0000	1.0014	1.0056	0.9511	0.9511	0.0493
3.875	0.9991	1.0011	1.0014	0.9511	0.9511	0.0493
3.900	0.9998	1.0006	0.9935	0.9511	0.9511	0.0493
3.925	0.9994	1.0027	1.0062	0.9510	0.9511	0.0493
3.950	0.9997	1.0016	0.9997	0.9510	0.9511	0.0493
3.975	0.9994	1.0001	1.0030	0.9510	0.9510	0.0494
4.000	1.0000	1.0000	1.0000	0.9510	0.9510	0.0494

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.081 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0073	0.0086	1.0000	1.0000	0.0076
0.875	0.0673	0.0528	0.0626	1.0000	1.0000	0.0629
0.900	0.1781	0.2027	0.2308	1.0000	1.0000	0.2316
0.925	0.5177	0.4764	0.5430	1.0000	1.0000	0.4678
0.950	0.9703	0.8388	0.9284	1.0000	1.0000	0.6541
0.975	1.2192	1.2175	1.2938	1.0000	1.0000	0.7672
1.000	1.4063	1.5073	1.5695	1.0000	1.0000	0.8322
1.025	1.6768	1.7340	1.7362	1.0000	1.0000	0.8706
1.050	1.9437	1.8200	1.8089	1.0000	1.0000	0.8944
1.075	1.8900	1.8553	1.8040	1.0000	1.0000	0.9099
1.100	1.9157	1.8419	1.7595	1.0000	0.9996	0.9204
1.125	2.0635	1.7974	1.6857	1.0000	0.9962	0.9279
1.150	1.7722	1.7332	1.5993	1.0000	0.9754	0.9333
1.175	1.7872	1.6606	1.5123	1.0000	0.9068	0.9373
1.200	1.7099	1.5897	1.4294	1.0000	0.7684	0.9403
1.225	1.8022	1.5192	1.3494	1.0000	0.5901	0.9426
1.250	1.5000	1.4501	1.2773	0.9994	0.4291	0.9444
1.275	1.7523	1.3829	1.2122	0.9950	0.3116	0.9458
1.300	1.5454	1.3268	1.1527	0.9775	0.2328	0.9470
1.325	1.3321	1.2619	1.1025	0.9269	0.1809	0.9478
1.350	1.3765	1.2130	1.0566	0.8257	0.1462	0.9485
1.375	1.4277	1.1773	1.0165	0.6852	0.1224	0.9490
1.400	1.3325	1.1455	0.9837	0.5389	0.1056	0.9493
1.425	1.2075	1.1061	0.9544	0.4127	0.0934	0.9496
1.450	1.2495	1.0774	0.9305	0.3161	0.0844	0.9497
1.475	1.1460	1.0458	0.9093	0.2467	0.0775	0.9498
1.500	1.1493	1.0257	0.8931	0.1978	0.0721	0.9499
1.525	1.1097	0.9995	0.8814	0.1629	0.0679	0.9498
1.550	1.0892	0.9790	0.8697	0.1376	0.0646	0.9497
1.575	1.1401	0.9656	0.8638	0.1193	0.0619	0.9496
1.600	0.9860	0.9446	0.8606	0.1055	0.0597	0.9494
1.625	1.0339	0.9345	0.8580	0.0948	0.0579	0.9493
1.650	1.1182	0.9219	0.8584	0.0867	0.0564	0.9490
1.675	1.1016	0.9135	0.8621	0.0804	0.0552	0.9488
1.700	0.9803	0.9048	0.8684	0.0752	0.0542	0.9486
1.725	1.0802	0.8890	0.8775	0.0710	0.0533	0.9483
1.750	0.9991	0.8900	0.8891	0.0676	0.0526	0.9481
1.775	0.9205	0.8833	0.9007	0.0646	0.0520	0.9479
1.800	1.0255	0.8858	0.9171	0.0621	0.0515	0.9477
1.825	0.9496	0.8876	0.9316	0.0600	0.0511	0.9475
1.850	0.9934	0.8832	0.9499	0.0583	0.0508	0.9474
1.875	0.8748	0.8830	0.9674	0.0567	0.0506	0.9473
1.900	0.9347	0.8930	0.9853	0.0554	0.0504	0.9473
1.925	0.9467	0.8880	1.0016	0.0542	0.0503	0.9473
1.950	0.9266	0.8920	1.0182	0.0533	0.0502	0.9474
1.975	0.9218	0.8990	1.0325	0.0525	0.0502	0.9475
2.000	0.8796	0.8984	1.0434	0.0517	0.0501	0.9476
2.025	0.9472	0.9106	1.0533	0.0511	0.0502	0.9477
2.050	0.9291	0.9157	1.0589	0.0506	0.0502	0.9478
2.075	0.9069	0.9284	1.0635	0.0502	0.0503	0.9480
2.100	0.8714	0.9352	1.0640	0.0497	0.0504	0.9482
2.125	0.8738	0.9495	1.0642	0.0493	0.0505	0.9484
2.150	0.9038	0.9537	1.0607	0.0490	0.0506	0.9485
2.175	0.8526	0.9675	1.0567	0.0487	0.0508	0.9487
2.200	0.8280	0.9796	1.0519	0.0484	0.0510	0.9488
2.225	0.8730	0.9914	1.0468	0.0482	0.0511	0.9490
2.250	0.8720	1.0007	1.0398	0.0480	0.0513	0.9491
2.275	0.8490	1.0114	1.0331	0.0478	0.0515	0.9492
2.300	0.8823	1.0221	1.0266	0.0477	0.0517	0.9493
2.325	0.8596	1.0282	1.0188	0.0476	0.0519	0.9494
2.350	0.8945	1.0405	1.0143	0.0475	0.0520	0.9495
2.375	0.8658	1.0418	1.0070	0.0474	0.0522	0.9495
2.400	0.8809	1.0442	1.0017	0.0474	0.0523	0.9496
2.425	0.9312	1.0501	0.9969	0.0474	0.0524	0.9496
2.450	0.9148	1.0483	0.9920	0.0475	0.0525	0.9497
2.475	0.9301	1.0460	0.9884	0.0475	0.0526	0.9497
2.500	0.9462	1.0518	0.9844	0.0476	0.0527	0.9497
2.525	0.9615	1.0481	0.9822	0.0477	0.0527	0.9497

2.550	0.9308	1.0487	0.9812	0.0478	0.0527	0.9497
2.575	0.9214	1.0476	0.9801	0.0479	0.0527	0.9497
2.600	0.9053	1.0478	0.9785	0.0480	0.0526	0.9497
2.625	0.9502	1.0440	0.9783	0.0481	0.0526	0.9497
2.650	0.9382	1.0401	0.9791	0.0482	0.0525	0.9497
2.675	0.9719	1.0381	0.9799	0.0483	0.0524	0.9497
2.700	0.9596	1.0277	0.9815	0.0485	0.0523	0.9497
2.725	0.9539	1.0291	0.9828	0.0486	0.0522	0.9497
2.750	0.9870	1.0200	0.9848	0.0487	0.0521	0.9496
2.775	0.9847	1.0154	0.9874	0.0489	0.0519	0.9496
2.800	0.9810	1.0120	0.9899	0.0490	0.0518	0.9496
2.825	0.9999	1.0083	0.9923	0.0492	0.0517	0.9496
2.850	0.9659	1.0125	0.9947	0.0493	0.0516	0.9496
2.875	0.9473	1.0016	0.9965	0.0494	0.0514	0.9496
2.900	0.9886	1.0008	0.9994	0.0495	0.0513	0.9496
2.925	1.0434	0.9917	1.0019	0.0497	0.0512	0.9496
2.950	1.0069	0.9937	1.0042	0.0499	0.0511	0.9496
2.975	0.9906	0.9917	1.0045	0.0500	0.0510	0.9496
3.000	0.9805	0.9879	1.0065	0.0501	0.0509	0.9497
3.025	1.0257	0.9855	1.0077	0.0502	0.0508	0.9497
3.050	1.0189	0.9873	1.0088	0.0503	0.0507	0.9497
3.075	1.0324	0.9853	1.0093	0.0504	0.0507	0.9497
3.100	1.0297	0.9780	1.0091	0.0506	0.0506	0.9498
3.125	1.0328	0.9809	1.0098	0.0507	0.0505	0.9498
3.150	0.9776	0.9798	1.0096	0.0507	0.0505	0.9498
3.175	1.0614	0.9839	1.0087	0.0508	0.0504	0.9498
3.200	1.0640	0.9816	1.0075	0.0509	0.0504	0.9498
3.225	1.0485	0.9822	1.0074	0.0510	0.0504	0.9499
3.250	1.0500	0.9815	1.0065	0.0511	0.0503	0.9499
3.275	1.0653	0.9866	1.0047	0.0511	0.0503	0.9499
3.300	1.0847	0.9837	1.0046	0.0512	0.0503	0.9499
3.325	1.0605	0.9917	1.0035	0.0513	0.0503	0.9499
3.350	1.0470	0.9893	1.0023	0.0513	0.0503	0.9499
3.375	1.0117	0.9870	1.0020	0.0513	0.0503	0.9499
3.400	1.0267	0.9938	1.0006	0.0513	0.0503	0.9499
3.425	1.0790	0.9930	1.0003	0.0513	0.0503	0.9499
3.450	1.0218	0.9920	0.9991	0.0513	0.0503	0.9499
3.475	1.0306	0.9938	0.9990	0.0513	0.0503	0.9499
3.500	1.0568	0.9957	0.9983	0.0513	0.0503	0.9499
3.525	1.0402	0.9985	0.9979	0.0512	0.0503	0.9500
3.550	1.0248	0.9970	0.9977	0.0512	0.0503	0.9500
3.575	1.0592	1.0009	0.9967	0.0512	0.0503	0.9500
3.600	1.0358	1.0024	0.9963	0.0511	0.0503	0.9500
3.625	1.0294	1.0040	0.9966	0.0511	0.0503	0.9500
3.650	1.0541	1.0067	0.9963	0.0511	0.0504	0.9500
3.675	1.0016	1.0058	0.9965	0.0510	0.0504	0.9500
3.700	1.0118	1.0041	0.9973	0.0509	0.0504	0.9500
3.725	1.0447	1.0070	0.9972	0.0509	0.0504	0.9500
3.750	1.0129	1.0086	0.9981	0.0509	0.0504	0.9500
3.775	1.0284	1.0075	0.9983	0.0508	0.0504	0.9500
3.800	1.0021	1.0073	0.9989	0.0508	0.0504	0.9500
3.825	0.9676	1.0081	0.9996	0.0507	0.0504	0.9500
3.850	1.0026	1.0062	1.0004	0.0506	0.0504	0.9500
3.875	1.0076	1.0077	0.9999	0.0505	0.0504	0.9500
3.900	0.9954	1.0062	1.0005	0.0505	0.0504	0.9500
3.925	0.9965	1.0074	1.0003	0.0504	0.0504	0.9500
3.950	0.9918	1.0064	1.0012	0.0504	0.0504	0.9500
3.975	0.9963	1.0043	1.0011	0.0503	0.0503	0.9500
4.000	1.0000	1.0000	1.0000	0.0503	0.0503	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.084 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0077	0.0070	0.0082	1.0000	1.0000	0.0036
0.875	0.0525	0.0519	0.0621	1.0000	1.0000	0.0306
0.900	0.2052	0.1973	0.2293	1.0000	1.0000	0.1250
0.925	0.4590	0.4749	0.5351	1.0000	1.0000	0.2933
0.950	0.8864	0.8462	0.9209	1.0000	1.0000	0.4716
0.975	1.2441	1.1963	1.2843	1.0000	1.0000	0.6089
1.000	1.5866	1.4908	1.5608	1.0000	1.0000	0.7009
1.025	1.7597	1.6825	1.7258	1.0000	1.0000	0.7607
1.050	1.9734	1.8007	1.7958	1.0000	1.0000	0.8000
1.075	1.9715	1.8371	1.7939	1.0000	1.0000	0.8266
1.100	2.0185	1.8265	1.7456	1.0000	0.9997	0.8451
1.125	2.0320	1.7820	1.6741	1.0000	0.9981	0.8584
1.150	1.9353	1.7216	1.5971	1.0000	0.9884	0.8683
1.175	1.8716	1.6552	1.5109	1.0000	0.9538	0.8757
1.200	1.7503	1.5703	1.4267	1.0000	0.8750	0.8813
1.225	1.7584	1.5073	1.3442	1.0000	0.7528	0.8857
1.250	1.6895	1.4364	1.2724	0.9997	0.6144	0.8890
1.275	1.6163	1.3854	1.2112	0.9978	0.4894	0.8916
1.300	1.5904	1.3187	1.1513	0.9897	0.3911	0.8937
1.325	1.5354	1.2675	1.1031	0.9658	0.3185	0.8953
1.350	1.4166	1.2237	1.0589	0.9140	0.2660	0.8966
1.375	1.3898	1.1817	1.0208	0.8293	0.2279	0.8975
1.400	1.3230	1.1398	0.9884	0.7202	0.2000	0.8982
1.425	1.3445	1.1094	0.9590	0.6058	0.1792	0.8988
1.450	1.2253	1.0748	0.9348	0.5029	0.1633	0.8991
1.475	1.2477	1.0520	0.9147	0.4184	0.1511	0.8993
1.500	1.2338	1.0254	0.8987	0.3523	0.1416	0.8993
1.525	1.2018	1.0072	0.8861	0.3014	0.1339	0.8993
1.550	1.1787	0.9849	0.8769	0.2623	0.1278	0.8992
1.575	1.1411	0.9634	0.8709	0.2320	0.1228	0.8990
1.600	1.0913	0.9495	0.8646	0.2082	0.1187	0.8987
1.625	1.0994	0.9371	0.8643	0.1895	0.1153	0.8984
1.650	1.0987	0.9287	0.8648	0.1746	0.1126	0.8980
1.675	1.0137	0.9173	0.8681	0.1625	0.1103	0.8976
1.700	1.0281	0.9118	0.8735	0.1526	0.1084	0.8971
1.725	1.0263	0.9017	0.8810	0.1445	0.1068	0.8967
1.750	1.0004	0.9001	0.8909	0.1377	0.1054	0.8963
1.775	1.0189	0.8907	0.9034	0.1320	0.1044	0.8959
1.800	0.9680	0.8870	0.9179	0.1273	0.1034	0.8955
1.825	0.9692	0.8887	0.9345	0.1232	0.1027	0.8953
1.850	0.9855	0.8848	0.9498	0.1197	0.1021	0.8951
1.875	0.9816	0.8852	0.9671	0.1168	0.1016	0.8949
1.900	0.9550	0.8875	0.9861	0.1143	0.1012	0.8949
1.925	0.9337	0.8932	1.0012	0.1120	0.1010	0.8949
1.950	0.9396	0.8954	1.0165	0.1100	0.1008	0.8950
1.975	0.9468	0.8989	1.0294	0.1083	0.1007	0.8952
2.000	0.9579	0.9035	1.0412	0.1069	0.1007	0.8954
2.025	0.9499	0.9078	1.0507	0.1057	0.1007	0.8957
2.050	0.9654	0.9177	1.0560	0.1047	0.1007	0.8960
2.075	0.9316	0.9305	1.0609	0.1038	0.1009	0.8963
2.100	0.9182	0.9372	1.0614	0.1029	0.1010	0.8966
2.125	0.9313	0.9453	1.0619	0.1022	0.1012	0.8969
2.150	0.9170	0.9549	1.0578	0.1016	0.1015	0.8972
2.175	0.9149	0.9682	1.0559	0.1010	0.1017	0.8975
2.200	0.9111	0.9796	1.0510	0.1005	0.1020	0.8977
2.225	0.9195	0.9904	1.0453	0.1001	0.1023	0.8980
2.250	0.9078	1.0001	1.0393	0.0998	0.1027	0.8982
2.275	0.9076	1.0101	1.0322	0.0995	0.1030	0.8984
2.300	0.9213	1.0147	1.0261	0.0992	0.1033	0.8986
2.325	0.9346	1.0252	1.0201	0.0991	0.1036	0.8987
2.350	0.9112	1.0323	1.0146	0.0989	0.1039	0.8989
2.375	0.9032	1.0405	1.0081	0.0988	0.1042	0.8990
2.400	0.9038	1.0399	1.0017	0.0987	0.1045	0.8991
2.425	0.9261	1.0455	0.9969	0.0986	0.1047	0.8992
2.450	0.9324	1.0475	0.9931	0.0987	0.1048	0.8992
2.475	0.9371	1.0477	0.9891	0.0987	0.1050	0.8992
2.500	0.9239	1.0436	0.9847	0.0987	0.1051	0.8993
2.525	0.9335	1.0470	0.9839	0.0988	0.1051	0.8993

2.550	0.9290	1.0436	0.9814	0.0989	0.1051	0.8993
2.575	0.9075	1.0432	0.9803	0.0989	0.1051	0.8993
2.600	0.9548	1.0365	0.9800	0.0990	0.1050	0.8993
2.625	0.9531	1.0345	0.9796	0.0992	0.1049	0.8992
2.650	0.9646	1.0320	0.9811	0.0994	0.1047	0.8992
2.675	0.9516	1.0279	0.9814	0.0995	0.1045	0.8992
2.700	0.9854	1.0235	0.9831	0.0997	0.1043	0.8992
2.725	0.9612	1.0184	0.9836	0.1000	0.1041	0.8992
2.750	0.9620	1.0171	0.9858	0.1001	0.1039	0.8991
2.775	1.0163	1.0139	0.9881	0.1004	0.1037	0.8991
2.800	0.9689	1.0087	0.9895	0.1006	0.1034	0.8991
2.825	0.9753	1.0095	0.9933	0.1008	0.1032	0.8991
2.850	0.9754	1.0067	0.9948	0.1010	0.1030	0.8991
2.875	0.9965	1.0040	0.9967	0.1012	0.1028	0.8991
2.900	0.9854	1.0030	0.9998	0.1014	0.1025	0.8991
2.925	0.9902	0.9958	1.0022	0.1016	0.1023	0.8991
2.950	1.0130	0.9944	1.0032	0.1018	0.1021	0.8991
2.975	1.0321	0.9933	1.0056	0.1020	0.1020	0.8992
3.000	1.0049	0.9940	1.0070	0.1022	0.1018	0.8992
3.025	1.0296	0.9892	1.0080	0.1024	0.1017	0.8992
3.050	1.0216	0.9860	1.0089	0.1027	0.1015	0.8993
3.075	1.0370	0.9874	1.0089	0.1028	0.1014	0.8993
3.100	1.0220	0.9853	1.0095	0.1030	0.1013	0.8994
3.125	1.0299	0.9871	1.0097	0.1032	0.1012	0.8994
3.150	1.0403	0.9886	1.0081	0.1033	0.1011	0.8994
3.175	1.0361	0.9844	1.0087	0.1034	0.1010	0.8995
3.200	1.0554	0.9837	1.0080	0.1036	0.1009	0.8995
3.225	1.0437	0.9857	1.0068	0.1037	0.1009	0.8995
3.250	1.0287	0.9859	1.0061	0.1038	0.1008	0.8996
3.275	1.0436	0.9891	1.0055	0.1038	0.1008	0.8996
3.300	1.0521	0.9869	1.0047	0.1039	0.1008	0.8996
3.325	1.0213	0.9884	1.0036	0.1039	0.1007	0.8996
3.350	1.0472	0.9880	1.0029	0.1039	0.1007	0.8997
3.375	1.0370	0.9884	1.0018	0.1039	0.1007	0.8997
3.400	1.0337	0.9928	1.0013	0.1039	0.1007	0.8997
3.425	1.0235	0.9950	0.9999	0.1038	0.1007	0.8997
3.450	1.0235	0.9920	0.9990	0.1038	0.1007	0.8997
3.475	1.0411	0.9967	0.9988	0.1037	0.1007	0.8997
3.500	1.0441	0.9965	0.9979	0.1036	0.1008	0.8997
3.525	1.0405	0.9989	0.9974	0.1036	0.1008	0.8997
3.550	1.0185	1.0005	0.9985	0.1035	0.1008	0.8997
3.575	1.0220	1.0019	0.9976	0.1034	0.1008	0.8997
3.600	1.0088	1.0023	0.9979	0.1032	0.1008	0.8997
3.625	1.0146	1.0039	0.9975	0.1031	0.1008	0.8997
3.650	0.9984	1.0040	0.9977	0.1030	0.1009	0.8997
3.675	0.9949	1.0031	0.9972	0.1028	0.1009	0.8997
3.700	1.0182	1.0042	0.9981	0.1027	0.1009	0.8997
3.725	1.0082	1.0052	0.9977	0.1025	0.1009	0.8998
3.750	0.9909	1.0062	0.9980	0.1024	0.1009	0.8998
3.775	0.9915	1.0054	0.9991	0.1023	0.1009	0.8998
3.800	0.9918	1.0055	0.9989	0.1021	0.1009	0.8998
3.825	1.0186	1.0060	0.9995	0.1020	0.1009	0.8998
3.850	0.9975	1.0078	1.0002	0.1019	0.1009	0.8998
3.875	0.9807	1.0042	1.0001	0.1018	0.1009	0.8998
3.900	0.9820	1.0070	0.9999	0.1016	0.1009	0.8998
3.925	1.0030	1.0061	1.0010	0.1015	0.1009	0.8998
3.950	0.9980	1.0087	1.0011	0.1014	0.1008	0.8998
3.975	0.9917	1.0043	1.0015	0.1013	0.1008	0.8998
4.000	1.0000	1.0000	1.0000	0.1012	0.1008	0.8998

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.094 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0049	0.0065	0.0081	1.0000	1.0000	0.0012
0.875	0.0527	0.0496	0.0586	1.0000	1.0000	0.0101
0.900	0.1954	0.1924	0.2185	1.0000	1.0000	0.0440
0.925	0.4624	0.4628	0.5125	1.0000	1.0000	0.1184
0.950	0.8029	0.8128	0.8785	1.0000	1.0000	0.2239
0.975	1.1395	1.1693	1.2300	1.0000	1.0000	0.3345
1.000	1.4730	1.4598	1.5015	1.0000	1.0000	0.4309
1.025	1.7203	1.6500	1.6647	1.0000	1.0000	0.5069
1.050	1.8068	1.7652	1.7381	1.0000	1.0000	0.5643
1.075	1.8944	1.7977	1.7432	1.0000	1.0000	0.6070
1.100	1.8950	1.7849	1.7003	1.0000	0.9999	0.6390
1.125	1.8548	1.7585	1.6392	1.0000	0.9994	0.6632
1.150	1.8301	1.6963	1.5623	1.0000	0.9962	0.6817
1.175	1.7540	1.6254	1.4829	1.0000	0.9846	0.6959
1.200	1.6994	1.5549	1.4007	1.0000	0.9560	0.7070
1.225	1.6263	1.4906	1.3333	1.0000	0.9040	0.7158
1.250	1.5919	1.4369	1.2650	0.9999	0.8312	0.7227
1.275	1.5260	1.3687	1.2091	0.9992	0.7479	0.7282
1.300	1.4648	1.3190	1.1508	0.9965	0.6655	0.7325
1.325	1.4202	1.2682	1.1079	0.9881	0.5913	0.7360
1.350	1.3943	1.2199	1.0656	0.9688	0.5285	0.7387
1.375	1.3246	1.1799	1.0266	0.9339	0.4772	0.7408
1.400	1.2948	1.1403	0.9986	0.8823	0.4357	0.7424
1.425	1.2497	1.1112	0.9740	0.8182	0.4025	0.7436
1.450	1.2358	1.0785	0.9548	0.7480	0.3758	0.7445
1.475	1.1790	1.0559	0.9339	0.6782	0.3543	0.7451
1.500	1.1821	1.0314	0.9195	0.6139	0.3368	0.7454
1.525	1.1466	1.0142	0.9106	0.5574	0.3225	0.7456
1.550	1.1244	0.9984	0.9020	0.5091	0.3107	0.7455
1.575	1.0983	0.9798	0.8956	0.4683	0.3010	0.7454
1.600	1.0858	0.9629	0.8885	0.4342	0.2930	0.7451
1.625	1.0691	0.9527	0.8886	0.4059	0.2862	0.7447
1.650	1.0694	0.9446	0.8879	0.3823	0.2806	0.7442
1.675	1.0259	0.9328	0.8895	0.3625	0.2758	0.7437
1.700	1.0263	0.9274	0.8941	0.3456	0.2718	0.7430
1.725	1.0225	0.9199	0.9011	0.3314	0.2685	0.7424
1.750	1.0067	0.9142	0.9065	0.3194	0.2657	0.7418
1.775	1.0028	0.9105	0.9173	0.3092	0.2633	0.7413
1.800	1.0015	0.9068	0.9269	0.3005	0.2613	0.7408
1.825	0.9767	0.9063	0.9392	0.2930	0.2597	0.7404
1.850	0.9685	0.9040	0.9518	0.2865	0.2584	0.7400
1.875	0.9706	0.9041	0.9675	0.2808	0.2573	0.7398
1.900	0.9421	0.9038	0.9795	0.2758	0.2564	0.7398
1.925	0.9480	0.9092	0.9947	0.2714	0.2557	0.7398
1.950	0.9487	0.9126	1.0083	0.2677	0.2552	0.7399
1.975	0.9328	0.9138	1.0184	0.2643	0.2548	0.7402
2.000	0.9367	0.9169	1.0302	0.2614	0.2546	0.7405
2.025	0.9140	0.9247	1.0367	0.2589	0.2545	0.7409
2.050	0.9388	0.9290	1.0424	0.2567	0.2544	0.7414
2.075	0.9197	0.9373	1.0473	0.2548	0.2545	0.7419
2.100	0.9148	0.9373	1.0489	0.2531	0.2546	0.7424
2.125	0.9166	0.9498	1.0485	0.2516	0.2548	0.7430
2.150	0.9136	0.9590	1.0488	0.2503	0.2551	0.7435
2.175	0.9175	0.9612	1.0455	0.2492	0.2554	0.7440
2.200	0.9106	0.9767	1.0416	0.2483	0.2558	0.7445
2.225	0.8960	0.9842	1.0359	0.2474	0.2562	0.7450
2.250	0.8927	0.9935	1.0312	0.2466	0.2567	0.7454
2.275	0.8955	0.9989	1.0276	0.2460	0.2571	0.7457
2.300	0.9024	1.0098	1.0220	0.2454	0.2576	0.7461
2.325	0.8973	1.0153	1.0170	0.2450	0.2580	0.7464
2.350	0.9230	1.0193	1.0148	0.2446	0.2585	0.7467
2.375	0.9207	1.0273	1.0089	0.2445	0.2589	0.7469
2.400	0.9045	1.0285	1.0048	0.2443	0.2592	0.7471
2.425	0.9200	1.0335	0.9996	0.2442	0.2595	0.7473
2.450	0.9181	1.0360	0.9971	0.2442	0.2598	0.7474
2.475	0.9122	1.0366	0.9931	0.2442	0.2600	0.7475
2.500	0.9254	1.0372	0.9911	0.2442	0.2602	0.7476
2.525	0.9386	1.0387	0.9908	0.2444	0.2602	0.7477

2.550	0.9225	1.0378	0.9881	0.2445	0.2602	0.7477
2.575	0.9465	1.0382	0.9878	0.2447	0.2602	0.7478
2.600	0.9299	1.0355	0.9866	0.2449	0.2601	0.7478
2.625	0.9446	1.0318	0.9870	0.2452	0.2599	0.7478
2.650	0.9492	1.0286	0.9880	0.2455	0.2596	0.7478
2.675	0.9546	1.0291	0.9879	0.2458	0.2594	0.7478
2.700	0.9373	1.0281	0.9886	0.2461	0.2591	0.7478
2.725	0.9635	1.0210	0.9901	0.2465	0.2587	0.7478
2.750	0.9672	1.0206	0.9911	0.2468	0.2583	0.7478
2.775	0.9718	1.0174	0.9914	0.2473	0.2580	0.7478
2.800	0.9752	1.0135	0.9933	0.2477	0.2576	0.7478
2.825	0.9731	1.0124	0.9947	0.2481	0.2572	0.7478
2.850	0.9883	1.0073	0.9975	0.2485	0.2568	0.7479
2.875	0.9913	1.0043	0.9988	0.2490	0.2564	0.7479
2.900	0.9985	1.0036	1.0008	0.2494	0.2560	0.7479
2.925	1.0030	0.9991	1.0016	0.2499	0.2556	0.7480
2.950	1.0070	0.9982	1.0031	0.2503	0.2553	0.7480
2.975	0.9990	0.9975	1.0039	0.2507	0.2549	0.7481
3.000	1.0103	0.9973	1.0045	0.2511	0.2546	0.7481
3.025	1.0087	0.9940	1.0048	0.2515	0.2544	0.7482
3.050	1.0149	0.9928	1.0055	0.2519	0.2541	0.7483
3.075	1.0219	0.9910	1.0061	0.2523	0.2538	0.7483
3.100	1.0296	0.9891	1.0054	0.2527	0.2536	0.7484
3.125	1.0325	0.9887	1.0064	0.2530	0.2534	0.7485
3.150	1.0318	0.9898	1.0065	0.2534	0.2532	0.7485
3.175	1.0319	0.9879	1.0057	0.2537	0.2530	0.7486
3.200	1.0316	0.9882	1.0064	0.2540	0.2529	0.7487
3.225	1.0251	0.9889	1.0051	0.2542	0.2528	0.7487
3.250	1.0305	0.9897	1.0055	0.2544	0.2527	0.7488
3.275	1.0291	0.9894	1.0047	0.2546	0.2526	0.7488
3.300	1.0324	0.9910	1.0042	0.2548	0.2525	0.7489
3.325	1.0335	0.9900	1.0042	0.2549	0.2524	0.7489
3.350	1.0289	0.9903	1.0028	0.2550	0.2524	0.7489
3.375	1.0328	0.9930	1.0016	0.2551	0.2523	0.7490
3.400	1.0384	0.9937	1.0013	0.2551	0.2523	0.7490
3.425	1.0319	0.9945	1.0006	0.2551	0.2523	0.7490
3.450	1.0318	0.9950	1.0012	0.2551	0.2522	0.7491
3.475	1.0279	0.9956	1.0000	0.2551	0.2522	0.7491
3.500	1.0210	0.9951	1.0002	0.2550	0.2522	0.7491
3.525	1.0250	0.9965	0.9989	0.2549	0.2522	0.7491
3.550	1.0119	0.9991	0.9990	0.2548	0.2522	0.7491
3.575	1.0223	0.9982	0.9995	0.2547	0.2522	0.7491
3.600	1.0120	1.0020	0.9988	0.2545	0.2522	0.7492
3.625	1.0156	0.9996	0.9995	0.2544	0.2522	0.7492
3.650	1.0074	1.0005	0.9994	0.2542	0.2522	0.7492
3.675	1.0148	1.0029	0.9997	0.2540	0.2522	0.7492
3.700	1.0203	1.0025	0.9993	0.2538	0.2522	0.7492
3.725	1.0146	1.0018	0.9998	0.2537	0.2522	0.7492
3.750	1.0012	1.0029	1.0010	0.2535	0.2522	0.7492
3.775	1.0046	1.0032	1.0019	0.2533	0.2521	0.7493
3.800	1.0068	1.0037	1.0004	0.2531	0.2521	0.7493
3.825	1.0010	1.0040	1.0007	0.2529	0.2521	0.7493
3.850	1.0013	1.0017	1.0003	0.2527	0.2521	0.7493
3.875	0.9992	1.0038	1.0011	0.2525	0.2521	0.7493
3.900	1.0014	1.0035	1.0007	0.2524	0.2520	0.7494
3.925	0.9914	1.0036	1.0016	0.2522	0.2520	0.7494
3.950	0.9956	1.0033	1.0012	0.2520	0.2519	0.7494
3.975	1.0040	1.0042	1.0023	0.2519	0.2519	0.7494
4.000	1.0000	1.0000	1.0000	0.2517	0.2519	0.7494

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$

$\sigma_{22}/\sigma_{11}= 2.00$ $\rho^*= 0.117$ $x_1= 0.5000$ $\epsilon_{22}/\epsilon_{11}= 1.00$

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0053	0.0063	0.0073	1.0000	1.0000	0.0004
0.875	0.0481	0.0466	0.0538	1.0000	1.0000	0.0032
0.900	0.1762	0.1796	0.1970	1.0000	1.0000	0.0144
0.925	0.4268	0.4302	0.4600	1.0000	1.0000	0.0404
0.950	0.7613	0.7655	0.8016	1.0000	1.0000	0.0832
0.975	1.1301	1.1060	1.1331	1.0000	1.0000	0.1372
1.000	1.3977	1.3848	1.3913	1.0000	1.0000	0.1940
1.025	1.5927	1.5719	1.5452	1.0000	1.0000	0.2466
1.050	1.7485	1.6780	1.6243	1.0000	1.0000	0.2921
1.075	1.7626	1.7168	1.6355	1.0000	1.0000	0.3301
1.100	1.7949	1.7124	1.6055	1.0000	1.0000	0.3611
1.125	1.7826	1.6751	1.5596	1.0000	0.9998	0.3862
1.150	1.7386	1.6274	1.4944	1.0000	0.9988	0.4065
1.175	1.6756	1.5657	1.4240	1.0000	0.9950	0.4228
1.200	1.6117	1.5062	1.3595	1.0000	0.9856	0.4359
1.225	1.5553	1.4458	1.2999	1.0000	0.9677	0.4466
1.250	1.4976	1.3845	1.2408	1.0000	0.9401	0.4552
1.275	1.4643	1.3321	1.1874	0.9998	0.9040	0.4621
1.300	1.4173	1.2852	1.1421	0.9988	0.8628	0.4677
1.325	1.3538	1.2392	1.0996	0.9961	0.8200	0.4721
1.350	1.3343	1.2038	1.0675	0.9895	0.7789	0.4758
1.375	1.2803	1.1652	1.0405	0.9774	0.7413	0.4787
1.400	1.2628	1.1360	1.0181	0.9584	0.7079	0.4812
1.425	1.2281	1.1039	0.9955	0.9324	0.6787	0.4830
1.450	1.1987	1.0818	0.9814	0.9008	0.6536	0.4846
1.475	1.1666	1.0630	0.9676	0.8656	0.6322	0.4858
1.500	1.1478	1.0388	0.9596	0.8291	0.6138	0.4868
1.525	1.1184	1.0199	0.9499	0.7933	0.5982	0.4876
1.550	1.1096	1.0102	0.9459	0.7596	0.5849	0.4883
1.575	1.0860	0.9961	0.9397	0.7285	0.5737	0.4887
1.600	1.0707	0.9861	0.9369	0.7005	0.5641	0.4890
1.625	1.0607	0.9789	0.9332	0.6756	0.5559	0.4892
1.650	1.0364	0.9702	0.9298	0.6535	0.5489	0.4892
1.675	1.0250	0.9592	0.9313	0.6339	0.5429	0.4891
1.700	1.0222	0.9597	0.9322	0.6169	0.5379	0.4890
1.725	1.0091	0.9557	0.9336	0.6019	0.5336	0.4887
1.750	0.9953	0.9507	0.9360	0.5887	0.5300	0.4885
1.775	0.9917	0.9454	0.9401	0.5772	0.5269	0.4882
1.800	0.9849	0.9408	0.9455	0.5671	0.5242	0.4880
1.825	0.9817	0.9390	0.9535	0.5582	0.5219	0.4877
1.850	0.9714	0.9377	0.9581	0.5504	0.5200	0.4876
1.875	0.9623	0.9399	0.9687	0.5435	0.5183	0.4875
1.900	0.9573	0.9400	0.9768	0.5375	0.5170	0.4876
1.925	0.9543	0.9388	0.9875	0.5321	0.5158	0.4877
1.950	0.9608	0.9370	0.9975	0.5274	0.5148	0.4879
1.975	0.9546	0.9396	1.0037	0.5234	0.5139	0.4882
2.000	0.9414	0.9394	1.0099	0.5197	0.5132	0.4885
2.025	0.9515	0.9431	1.0173	0.5165	0.5125	0.4890
2.050	0.9530	0.9436	1.0229	0.5137	0.5120	0.4894
2.075	0.9406	0.9482	1.0262	0.5112	0.5116	0.4899
2.100	0.9439	0.9494	1.0287	0.5090	0.5113	0.4905
2.125	0.9386	0.9581	1.0295	0.5071	0.5110	0.4910
2.150	0.9355	0.9624	1.0294	0.5055	0.5109	0.4915
2.175	0.9323	0.9697	1.0306	0.5040	0.5108	0.4920
2.200	0.9403	0.9754	1.0246	0.5027	0.5108	0.4925
2.225	0.9280	0.9817	1.0230	0.5015	0.5108	0.4930
2.250	0.9397	0.9876	1.0229	0.5005	0.5109	0.4934
2.275	0.9377	0.9948	1.0189	0.4998	0.5111	0.4938
2.300	0.9323	1.0009	1.0160	0.4991	0.5113	0.4942
2.325	0.9299	1.0033	1.0130	0.4985	0.5115	0.4945
2.350	0.9356	1.0045	1.0113	0.4979	0.5117	0.4948
2.375	0.9269	1.0107	1.0075	0.4975	0.5119	0.4951
2.400	0.9359	1.0157	1.0031	0.4971	0.5120	0.4953
2.425	0.9393	1.0180	1.0031	0.4969	0.5122	0.4955
2.450	0.9339	1.0183	1.0017	0.4966	0.5123	0.4957
2.475	0.9390	1.0181	0.9999	0.4964	0.5124	0.4958
2.500	0.9426	1.0187	0.9983	0.4964	0.5125	0.4960
2.525	0.9401	1.0218	0.9967	0.4963	0.5125	0.4961

2.550	0.9403	1.0191	0.9970	0.4963	0.5124	0.4962
2.575	0.9376	1.0230	0.9976	0.4962	0.5123	0.4963
2.600	0.9493	1.0199	0.9953	0.4963	0.5121	0.4964
2.625	0.9466	1.0173	0.9950	0.4963	0.5119	0.4965
2.650	0.9526	1.0177	0.9936	0.4964	0.5116	0.4965
2.675	0.9495	1.0173	0.9941	0.4966	0.5114	0.4966
2.700	0.9597	1.0145	0.9936	0.4967	0.5110	0.4966
2.725	0.9604	1.0147	0.9966	0.4970	0.5107	0.4967
2.750	0.9624	1.0134	0.9945	0.4972	0.5103	0.4967
2.775	0.9606	1.0104	0.9954	0.4974	0.5099	0.4968
2.800	0.9705	1.0093	0.9974	0.4977	0.5095	0.4968
2.825	0.9749	1.0075	0.9974	0.4980	0.5091	0.4969
2.850	0.9834	1.0062	0.9983	0.4983	0.5087	0.4969
2.875	0.9844	1.0057	0.9979	0.4986	0.5084	0.4970
2.900	0.9853	1.0053	0.9997	0.4990	0.5080	0.4970
2.925	0.9935	1.0021	1.0012	0.4993	0.5076	0.4971
2.950	0.9964	1.0025	1.0016	0.4997	0.5073	0.4972
2.975	1.0006	0.9990	1.0016	0.5001	0.5069	0.4972
3.000	1.0045	0.9996	1.0024	0.5005	0.5066	0.4973
3.025	1.0055	0.9973	1.0038	0.5009	0.5063	0.4974
3.050	1.0057	0.9986	1.0051	0.5012	0.5060	0.4975
3.075	1.0094	0.9995	1.0052	0.5016	0.5057	0.4976
3.100	1.0111	0.9980	1.0044	0.5020	0.5055	0.4977
3.125	1.0131	0.9960	1.0029	0.5023	0.5053	0.4977
3.150	1.0166	0.9956	1.0034	0.5027	0.5051	0.4978
3.175	1.0193	0.9978	1.0031	0.5030	0.5049	0.4979
3.200	1.0164	0.9963	1.0034	0.5033	0.5047	0.4980
3.225	1.0183	0.9960	1.0029	0.5035	0.5046	0.4980
3.250	1.0164	0.9975	1.0027	0.5038	0.5044	0.4981
3.275	1.0202	0.9973	1.0034	0.5040	0.5043	0.4981
3.300	1.0194	0.9961	1.0025	0.5041	0.5042	0.4982
3.325	1.0177	0.9977	1.0024	0.5043	0.5041	0.4983
3.350	1.0200	0.9975	1.0012	0.5044	0.5040	0.4983
3.375	1.0163	0.9959	1.0008	0.5045	0.5039	0.4983
3.400	1.0151	1.0008	1.0001	0.5045	0.5038	0.4984
3.425	1.0218	0.9959	1.0009	0.5045	0.5037	0.4984
3.450	1.0141	0.9980	1.0010	0.5045	0.5037	0.4985
3.475	1.0106	0.9986	1.0021	0.5045	0.5036	0.4985
3.500	1.0155	0.9995	1.0015	0.5045	0.5035	0.4985
3.525	1.0150	1.0005	1.0012	0.5044	0.5035	0.4986
3.550	1.0154	1.0001	1.0022	0.5044	0.5034	0.4986
3.575	1.0129	1.0003	1.0016	0.5043	0.5034	0.4987
3.600	1.0106	1.0003	1.0004	0.5042	0.5034	0.4987
3.625	1.0089	1.0002	0.9998	0.5041	0.5033	0.4987
3.650	1.0106	1.0004	1.0010	0.5039	0.5033	0.4987
3.675	1.0049	1.0018	1.0006	0.5038	0.5032	0.4988
3.700	1.0045	1.0012	1.0022	0.5037	0.5032	0.4988
3.725	1.0049	1.0007	1.0013	0.5035	0.5032	0.4988
3.750	1.0033	1.0025	1.0005	0.5034	0.5031	0.4989
3.775	1.0016	1.0014	1.0017	0.5032	0.5031	0.4989
3.800	1.0019	1.0032	1.0010	0.5031	0.5031	0.4989
3.825	1.0023	1.0027	1.0021	0.5029	0.5030	0.4990
3.850	0.9998	1.0024	1.0016	0.5028	0.5030	0.4990
3.875	1.0002	1.0028	1.0029	0.5026	0.5029	0.4990
3.900	0.9976	1.0034	1.0023	0.5024	0.5029	0.4990
3.925	1.0029	1.0038	1.0020	0.5023	0.5028	0.4991
3.950	0.9997	1.0022	1.0014	0.5022	0.5028	0.4991
3.975	1.0027	1.0034	1.0019	0.5021	0.5028	0.4991
4.000	1.0000	1.0000	1.0000	0.5019	0.5027	0.4991

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.143 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0043	0.0049	0.0053	1.0000	1.0000	0.0001
0.875	0.0397	0.0404	0.0408	1.0000	1.0000	0.0009
0.900	0.1516	0.1569	0.1557	1.0000	1.0000	0.0041
0.925	0.3871	0.3768	0.3792	1.0000	1.0000	0.0121
0.950	0.6845	0.6747	0.6600	1.0000	1.0000	0.0260
0.975	0.9838	0.9825	0.9520	1.0000	1.0000	0.0450
1.000	1.2505	1.2376	1.1745	1.0000	1.0000	0.0669
1.025	1.4548	1.4106	1.3264	1.0000	1.0000	0.0891
1.050	1.5608	1.5170	1.4127	1.0000	1.0000	0.1102
1.075	1.6202	1.5648	1.4376	1.0000	1.0000	0.1293
1.100	1.6350	1.5736	1.4238	1.0000	1.0000	0.1459
1.125	1.6314	1.5431	1.4035	1.0000	0.9999	0.1601
1.150	1.5867	1.5155	1.3536	1.0000	0.9997	0.1722
1.175	1.5440	1.4702	1.3235	1.0000	0.9986	0.1824
1.200	1.5051	1.4209	1.2662	1.0000	0.9959	0.1909
1.225	1.4484	1.3624	1.2234	1.0000	0.9904	0.1980
1.250	1.4169	1.3245	1.1881	1.0000	0.9816	0.2039
1.275	1.3659	1.2798	1.1502	0.9999	0.9697	0.2088
1.300	1.3301	1.2391	1.1178	0.9997	0.9550	0.2129
1.325	1.2976	1.2058	1.0882	0.9988	0.9387	0.2164
1.350	1.2588	1.1703	1.0653	0.9967	0.9220	0.2193
1.375	1.2292	1.1403	1.0496	0.9928	0.9055	0.2217
1.400	1.2009	1.1220	1.0387	0.9865	0.8898	0.2239
1.425	1.1762	1.0928	1.0307	0.9777	0.8752	0.2258
1.450	1.1540	1.0786	1.0210	0.9664	0.8621	0.2276
1.475	1.1291	1.0597	1.0145	0.9533	0.8504	0.2291
1.500	1.1092	1.0460	1.0117	0.9388	0.8399	0.2305
1.525	1.0959	1.0362	1.0070	0.9239	0.8306	0.2318
1.550	1.0769	1.0259	1.0049	0.9090	0.8225	0.2330
1.575	1.0606	1.0241	0.9987	0.8945	0.8153	0.2340
1.600	1.0517	1.0121	0.9953	0.8807	0.8091	0.2350
1.625	1.0356	1.0089	0.9962	0.8678	0.8037	0.2358
1.650	1.0295	1.0078	0.9897	0.8559	0.7989	0.2366
1.675	1.0259	1.0029	0.9853	0.8451	0.7948	0.2372
1.700	1.0166	1.0017	0.9867	0.8352	0.7912	0.2378
1.725	1.0052	0.9990	0.9846	0.8263	0.7880	0.2383
1.750	1.0034	0.9958	0.9794	0.8182	0.7853	0.2387
1.775	0.9974	0.9948	0.9765	0.8110	0.7829	0.2390
1.800	0.9920	0.9917	0.9796	0.8045	0.7807	0.2393
1.825	0.9876	0.9902	0.9831	0.7987	0.7789	0.2396
1.850	0.9864	0.9885	0.9840	0.7936	0.7772	0.2399
1.875	0.9835	0.9819	0.9893	0.7890	0.7756	0.2402
1.900	0.9814	0.9817	0.9878	0.7848	0.7742	0.2405
1.925	0.9772	0.9815	0.9893	0.7812	0.7728	0.2407
1.950	0.9768	0.9791	0.9945	0.7779	0.7716	0.2410
1.975	0.9747	0.9784	0.9930	0.7750	0.7705	0.2412
2.000	0.9780	0.9768	0.9967	0.7724	0.7695	0.2415
2.025	0.9764	0.9762	1.0033	0.7701	0.7685	0.2418
2.050	0.9747	0.9755	1.0066	0.7681	0.7676	0.2421
2.075	0.9762	0.9735	1.0070	0.7663	0.7668	0.2424
2.100	0.9775	0.9750	1.0073	0.7647	0.7660	0.2427
2.125	0.9736	0.9756	1.0075	0.7632	0.7652	0.2430
2.150	0.9713	0.9771	1.0076	0.7620	0.7646	0.2432
2.175	0.9724	0.9820	1.0104	0.7609	0.7640	0.2435
2.200	0.9682	0.9827	1.0074	0.7598	0.7634	0.2437
2.225	0.9683	0.9857	1.0074	0.7589	0.7629	0.2440
2.250	0.9699	0.9866	1.0125	0.7581	0.7625	0.2442
2.275	0.9695	0.9894	1.0110	0.7574	0.7621	0.2445
2.300	0.9678	0.9920	1.0102	0.7568	0.7617	0.2447
2.325	0.9719	0.9928	1.0037	0.7562	0.7614	0.2449
2.350	0.9675	0.9948	1.0047	0.7557	0.7611	0.2451
2.375	0.9677	0.9979	1.0068	0.7551	0.7609	0.2453
2.400	0.9670	0.9993	1.0018	0.7547	0.7607	0.2454
2.425	0.9663	1.0005	1.0009	0.7543	0.7604	0.2456
2.450	0.9632	1.0009	1.0035	0.7539	0.7602	0.2457
2.475	0.9652	1.0022	1.0035	0.7536	0.7600	0.2459
2.500	0.9650	1.0042	1.0009	0.7532	0.7598	0.2460
2.525	0.9684	1.0050	1.0029	0.7529	0.7596	0.2461

2.550	0.9670	1.0067	0.9987	0.7526	0.7594	0.2462
2.575	0.9664	1.0083	1.0000	0.7524	0.7592	0.2463
2.600	0.9703	1.0070	1.0009	0.7521	0.7590	0.2464
2.625	0.9694	1.0058	1.0003	0.7519	0.7588	0.2465
2.650	0.9700	1.0050	0.9985	0.7518	0.7586	0.2466
2.675	0.9716	1.0051	1.0006	0.7516	0.7584	0.2467
2.700	0.9718	1.0052	1.0019	0.7514	0.7582	0.2468
2.725	0.9750	1.0046	1.0044	0.7513	0.7580	0.2469
2.750	0.9752	1.0044	1.0047	0.7512	0.7578	0.2470
2.775	0.9743	1.0048	1.0016	0.7511	0.7575	0.2471
2.800	0.9784	1.0045	1.0056	0.7510	0.7573	0.2472
2.825	0.9806	1.0043	1.0010	0.7510	0.7571	0.2473
2.850	0.9834	1.0039	1.0028	0.7509	0.7569	0.2474
2.875	0.9816	1.0049	1.0018	0.7509	0.7567	0.2475
2.900	0.9856	1.0046	0.9998	0.7509	0.7565	0.2475
2.925	0.9906	1.0039	1.0008	0.7509	0.7563	0.2476
2.950	0.9898	1.0049	1.0029	0.7509	0.7561	0.2476
2.975	0.9907	1.0036	1.0034	0.7510	0.7560	0.2477
3.000	0.9925	1.0024	1.0045	0.7510	0.7558	0.2478
3.025	0.9951	1.0041	1.0035	0.7511	0.7556	0.2479
3.050	0.9968	1.0015	1.0036	0.7511	0.7554	0.2479
3.075	0.9986	1.0013	1.0038	0.7512	0.7552	0.2480
3.100	1.0013	1.0009	1.0064	0.7513	0.7551	0.2481
3.125	1.0005	1.0018	1.0082	0.7514	0.7550	0.2482
3.150	1.0008	1.0026	1.0035	0.7515	0.7548	0.2482
3.175	1.0014	1.0004	1.0068	0.7516	0.7547	0.2483
3.200	1.0025	1.0009	1.0007	0.7516	0.7546	0.2483
3.225	1.0037	1.0014	1.0035	0.7517	0.7545	0.2484
3.250	1.0052	1.0004	1.0004	0.7518	0.7544	0.2484
3.275	1.0039	1.0017	1.0018	0.7518	0.7542	0.2485
3.300	1.0060	1.0005	1.0002	0.7519	0.7541	0.2485
3.325	1.0075	1.0005	0.9996	0.7520	0.7540	0.2485
3.350	1.0052	1.0007	1.0044	0.7520	0.7539	0.2486
3.375	1.0062	1.0003	1.0047	0.7520	0.7538	0.2486
3.400	1.0031	1.0007	1.0003	0.7521	0.7538	0.2487
3.425	1.0070	1.0002	1.0013	0.7521	0.7537	0.2487
3.450	1.0046	1.0021	1.0037	0.7521	0.7536	0.2487
3.475	1.0054	1.0018	1.0037	0.7521	0.7535	0.2488
3.500	1.0033	1.0011	1.0013	0.7521	0.7535	0.2488
3.525	1.0047	0.9994	0.9997	0.7521	0.7534	0.2489
3.550	1.0040	1.0000	1.0030	0.7521	0.7533	0.2489
3.575	1.0025	1.0000	1.0003	0.7521	0.7533	0.2489
3.600	1.0048	1.0008	1.0040	0.7520	0.7532	0.2489
3.625	1.0014	0.9995	1.0008	0.7520	0.7531	0.2490
3.650	1.0033	1.0004	0.9995	0.7520	0.7530	0.2490
3.675	1.0004	1.0003	1.0001	0.7519	0.7529	0.2490
3.700	1.0041	1.0014	1.0039	0.7519	0.7529	0.2490
3.725	1.0015	1.0005	1.0025	0.7519	0.7528	0.2491
3.750	1.0008	0.9997	1.0024	0.7518	0.7527	0.2491
3.775	1.0019	1.0019	1.0040	0.7518	0.7527	0.2491
3.800	1.0005	1.0015	1.0022	0.7517	0.7526	0.2492
3.825	1.0014	0.9994	1.0020	0.7517	0.7526	0.2492
3.850	1.0025	1.0014	1.0037	0.7516	0.7525	0.2492
3.875	1.0004	1.0019	1.0039	0.7516	0.7525	0.2492
3.900	1.0019	1.0008	1.0036	0.7515	0.7524	0.2493
3.925	1.0015	1.0007	1.0001	0.7515	0.7524	0.2493
3.950	1.0012	0.9985	1.0011	0.7514	0.7523	0.2493
3.975	1.0011	1.0016	0.9995	0.7514	0.7523	0.2493
4.000	1.0000	1.0000	1.0000	0.7513	0.7522	0.2493

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$

$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.159$ $x_1=0.9001$ $\epsilon_{22}/\epsilon_{11}=1.00$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0047	0.0042	0.0051	1.0000	1.0000	0.0000
0.875	0.0352	0.0360	0.0389	1.0000	1.0000	0.0003
0.900	0.1379	0.1416	0.1349	1.0000	1.0000	0.0014
0.925	0.3416	0.3354	0.3206	1.0000	1.0000	0.0038
0.950	0.6159	0.6028	0.5741	1.0000	1.0000	0.0082
0.975	0.8928	0.8780	0.8128	1.0000	1.0000	0.0144
1.000	1.1455	1.1170	1.0226	1.0000	1.0000	0.0216
1.025	1.3290	1.2941	1.1841	1.0000	1.0000	0.0294
1.050	1.4324	1.3792	1.2426	1.0000	1.0000	0.0370
1.075	1.5027	1.4428	1.2847	1.0000	1.0000	0.0440
1.100	1.5192	1.4454	1.3154	1.0000	1.0000	0.0505
1.125	1.5107	1.4354	1.2838	1.0000	1.0000	0.0562
1.150	1.4861	1.4086	1.2460	1.0000	0.9999	0.0611
1.175	1.4549	1.3697	1.2475	1.0000	0.9995	0.0653
1.200	1.4172	1.3309	1.1934	1.0000	0.9986	0.0690
1.225	1.3844	1.2913	1.1588	1.0000	0.9970	0.0721
1.250	1.3339	1.2526	1.1234	1.0000	0.9942	0.0746
1.275	1.3081	1.2156	1.1079	1.0000	0.9904	0.0768
1.300	1.2688	1.1847	1.0745	0.9999	0.9856	0.0786
1.325	1.2372	1.1576	1.0691	0.9996	0.9803	0.0802
1.350	1.2080	1.1316	1.0369	0.9989	0.9746	0.0816
1.375	1.1815	1.1061	1.0324	0.9977	0.9687	0.0828
1.400	1.1606	1.0879	1.0339	0.9957	0.9630	0.0838
1.425	1.1387	1.0748	1.0374	0.9928	0.9577	0.0849
1.450	1.1175	1.0640	1.0255	0.9892	0.9527	0.0858
1.475	1.0992	1.0444	1.0227	0.9848	0.9480	0.0866
1.500	1.0826	1.0373	1.0290	0.9799	0.9438	0.0874
1.525	1.0716	1.0290	1.0282	0.9747	0.9401	0.0882
1.550	1.0583	1.0277	1.0250	0.9693	0.9367	0.0889
1.575	1.0498	1.0246	1.0323	0.9640	0.9337	0.0896
1.600	1.0329	1.0186	1.0343	0.9589	0.9310	0.0902
1.625	1.0296	1.0213	1.0377	0.9540	0.9287	0.0908
1.650	1.0196	1.0180	1.0268	0.9494	0.9266	0.0914
1.675	1.0171	1.0185	1.0143	0.9452	0.9248	0.0919
1.700	1.0130	1.0172	1.0302	0.9412	0.9232	0.0923
1.725	1.0045	1.0183	1.0275	0.9376	0.9218	0.0928
1.750	0.9969	1.0139	1.0120	0.9343	0.9205	0.0932
1.775	0.9968	1.0168	1.0126	0.9313	0.9194	0.0935
1.800	0.9972	1.0122	1.0133	0.9285	0.9184	0.0939
1.825	0.9904	1.0143	1.0213	0.9261	0.9175	0.0942
1.850	0.9940	1.0113	1.0112	0.9238	0.9167	0.0945
1.875	0.9907	1.0101	1.0122	0.9219	0.9159	0.0948
1.900	0.9921	1.0068	1.0081	0.9201	0.9151	0.0950
1.925	0.9910	1.0028	1.0009	0.9185	0.9144	0.0952
1.950	0.9943	1.0069	1.0059	0.9170	0.9138	0.0954
1.975	0.9926	1.0025	1.0157	0.9157	0.9132	0.0956
2.000	0.9946	1.0006	1.0101	0.9146	0.9126	0.0958
2.025	0.9957	0.9956	1.0105	0.9135	0.9120	0.0960
2.050	0.9954	0.9993	1.0154	0.9126	0.9115	0.0962
2.075	0.9968	0.9956	1.0157	0.9118	0.9109	0.0964
2.100	0.9971	0.9952	1.0132	0.9110	0.9104	0.0965
2.125	0.9950	0.9988	1.0187	0.9104	0.9099	0.0967
2.150	0.9966	0.9964	1.0080	0.9098	0.9095	0.0969
2.175	0.9981	0.9962	1.0129	0.9092	0.9090	0.0970
2.200	0.9967	0.9989	1.0083	0.9087	0.9086	0.0971
2.225	0.9934	0.9970	1.0148	0.9083	0.9082	0.0973
2.250	0.9986	0.9960	1.0073	0.9079	0.9079	0.0974
2.275	0.9955	0.9993	1.0134	0.9075	0.9075	0.0975
2.300	0.9951	0.9927	1.0120	0.9071	0.9072	0.0976
2.325	0.9944	0.9999	1.0160	0.9068	0.9069	0.0977
2.350	0.9938	0.9951	1.0070	0.9065	0.9066	0.0978
2.375	0.9920	0.9974	1.0068	0.9062	0.9064	0.0979
2.400	0.9946	0.9962	0.9988	0.9060	0.9061	0.0980
2.425	0.9949	0.9974	1.0096	0.9057	0.9059	0.0980
2.450	0.9893	0.9994	1.0045	0.9055	0.9057	0.0981
2.475	0.9912	0.9996	1.0014	0.9052	0.9054	0.0982
2.500	0.9882	0.9983	1.0037	0.9050	0.9052	0.0982
2.525	0.9925	0.9995	1.0032	0.9048	0.9051	0.0983

2.550	0.9889	1.0004	1.0016	0.9046	0.9049	0.0983
2.575	0.9902	1.0007	1.0044	0.9044	0.9048	0.0984
2.600	0.9913	0.9989	1.0003	0.9042	0.9046	0.0984
2.625	0.9896	0.9997	1.0049	0.9040	0.9045	0.0985
2.650	0.9895	0.9996	0.9987	0.9038	0.9043	0.0985
2.675	0.9915	0.9995	1.0033	0.9037	0.9041	0.0986
2.700	0.9908	1.0004	1.0060	0.9035	0.9040	0.0986
2.725	0.9918	1.0014	0.9998	0.9034	0.9039	0.0987
2.750	0.9905	0.9978	0.9950	0.9032	0.9037	0.0987
2.775	0.9891	0.9991	1.0007	0.9031	0.9036	0.0987
2.800	0.9916	0.9993	0.9984	0.9029	0.9035	0.0987
2.825	0.9947	1.0009	0.9931	0.9028	0.9033	0.0988
2.850	0.9921	0.9981	0.9999	0.9027	0.9032	0.0988
2.875	0.9947	0.9979	0.9984	0.9026	0.9031	0.0988
2.900	0.9930	0.9987	0.9973	0.9025	0.9030	0.0988
2.925	0.9947	0.9998	0.9995	0.9025	0.9029	0.0988
2.950	0.9935	1.0000	0.9961	0.9024	0.9028	0.0989
2.975	0.9946	0.9976	1.0001	0.9023	0.9027	0.0989
3.000	0.9976	0.9981	1.0033	0.9022	0.9026	0.0989
3.025	0.9972	1.0001	1.0087	0.9022	0.9025	0.0989
3.050	0.9979	1.0010	1.0045	0.9021	0.9024	0.0990
3.075	0.9971	1.0007	0.9977	0.9021	0.9024	0.0990
3.100	0.9995	0.9992	0.9932	0.9020	0.9023	0.0990
3.125	0.9997	1.0000	0.9979	0.9020	0.9022	0.0990
3.150	0.9988	0.9996	0.9980	0.9020	0.9021	0.0990
3.175	0.9999	1.0019	0.9953	0.9019	0.9021	0.0990
3.200	0.9997	1.0026	1.0029	0.9019	0.9020	0.0991
3.225	0.9994	1.0011	0.9996	0.9018	0.9020	0.0991
3.250	0.9993	1.0003	1.0043	0.9018	0.9019	0.0991
3.275	1.0004	1.0001	0.9985	0.9018	0.9019	0.0991
3.300	1.0005	0.9969	1.0011	0.9018	0.9018	0.0991
3.325	1.0013	1.0006	0.9971	0.9017	0.9018	0.0992
3.350	1.0029	1.0015	1.0010	0.9017	0.9017	0.0992
3.375	1.0008	1.0020	0.9978	0.9017	0.9017	0.0992
3.400	0.9999	1.0013	1.0036	0.9016	0.9017	0.0992
3.425	0.9996	1.0012	1.0065	0.9016	0.9016	0.0992
3.450	1.0006	0.9988	1.0044	0.9016	0.9016	0.0992
3.475	1.0003	1.0000	1.0041	0.9016	0.9015	0.0993
3.500	0.9997	0.9995	1.0016	0.9015	0.9015	0.0993
3.525	1.0009	1.0006	1.0007	0.9015	0.9015	0.0993
3.550	0.9996	1.0006	0.9989	0.9015	0.9015	0.0993
3.575	1.0013	1.0024	0.9980	0.9015	0.9014	0.0993
3.600	1.0003	0.9984	1.0013	0.9015	0.9014	0.0993
3.625	1.0002	1.0007	0.9993	0.9014	0.9014	0.0993
3.650	1.0018	0.9987	1.0021	0.9014	0.9013	0.0994
3.675	1.0010	0.9984	0.9980	0.9014	0.9013	0.0994
3.700	1.0025	1.0000	0.9974	0.9014	0.9013	0.0994
3.725	0.9998	1.0001	1.0022	0.9014	0.9013	0.0994
3.750	1.0003	1.0003	1.0000	0.9013	0.9012	0.0994
3.775	0.9982	1.0021	0.9953	0.9013	0.9012	0.0994
3.800	1.0006	1.0006	0.9953	0.9013	0.9012	0.0994
3.825	1.0008	1.0032	0.9949	0.9013	0.9012	0.0994
3.850	1.0010	1.0022	0.9992	0.9012	0.9012	0.0994
3.875	1.0007	1.0017	0.9982	0.9012	0.9012	0.0994
3.900	1.0001	1.0008	0.9986	0.9012	0.9012	0.0994
3.925	1.0009	1.0017	0.9985	0.9012	0.9012	0.0994
3.950	1.0007	1.0010	0.9933	0.9012	0.9011	0.0994
3.975	1.0016	1.0000	0.9978	0.9012	0.9011	0.0994
4.000	1.0000	1.0000	1.0000	0.9011	0.9011	0.0994

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.163$ $x_1=0.9502$ $\epsilon_{22}/\epsilon_{11}=1.00$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0044	0.0050	0.0027	1.0000	1.0000	0.0000
0.875	0.0343	0.0327	0.0325	1.0000	1.0000	0.0001
0.900	0.1327	0.1315	0.1264	1.0000	1.0000	0.0006
0.925	0.3277	0.3208	0.3063	1.0000	1.0000	0.0017
0.950	0.5965	0.5818	0.5402	1.0000	1.0000	0.0038
0.975	0.8636	0.8504	0.7670	1.0000	1.0000	0.0066
1.000	1.1044	1.0675	0.9957	1.0000	1.0000	0.0100
1.025	1.2816	1.2387	1.1418	1.0000	1.0000	0.0138
1.050	1.3906	1.3352	1.2356	1.0000	1.0000	0.0175
1.075	1.4560	1.3863	1.2844	1.0000	1.0000	0.0211
1.100	1.4770	1.4032	1.2824	1.0000	1.0000	0.0243
1.125	1.4672	1.3955	1.2578	1.0000	1.0000	0.0272
1.150	1.4459	1.3724	1.2248	1.0000	1.0000	0.0296
1.175	1.4211	1.3369	1.2059	1.0000	0.9998	0.0317
1.200	1.3847	1.3002	1.1830	1.0000	0.9994	0.0335
1.225	1.3503	1.2624	1.1480	1.0000	0.9986	0.0351
1.250	1.3104	1.2349	1.1279	1.0000	0.9974	0.0364
1.275	1.2778	1.2013	1.1172	1.0000	0.9956	0.0376
1.300	1.2452	1.1713	1.0953	0.9999	0.9934	0.0386
1.325	1.2124	1.1473	1.0842	0.9998	0.9909	0.0395
1.350	1.1870	1.1192	1.0645	0.9995	0.9881	0.0403
1.375	1.1628	1.0973	1.0644	0.9990	0.9853	0.0409
1.400	1.1445	1.0835	1.0640	0.9980	0.9825	0.0416
1.425	1.1194	1.0653	1.0448	0.9967	0.9798	0.0421
1.450	1.1044	1.0571	1.0425	0.9949	0.9772	0.0426
1.475	1.0896	1.0444	1.0621	0.9929	0.9749	0.0431
1.500	1.0705	1.0360	1.0252	0.9906	0.9728	0.0435
1.525	1.0590	1.0250	1.0559	0.9881	0.9710	0.0439
1.550	1.0473	1.0228	1.0503	0.9856	0.9693	0.0443
1.575	1.0388	1.0207	1.0544	0.9830	0.9678	0.0447
1.600	1.0302	1.0191	1.0438	0.9805	0.9665	0.0451
1.625	1.0214	1.0214	1.0322	0.9782	0.9653	0.0454
1.650	1.0144	1.0193	1.0355	0.9759	0.9642	0.0457
1.675	1.0116	1.0208	1.0431	0.9738	0.9633	0.0459
1.700	1.0048	1.0208	1.0304	0.9719	0.9624	0.0462
1.725	0.9991	1.0209	1.0287	0.9700	0.9616	0.0464
1.750	0.9989	1.0198	1.0016	0.9684	0.9609	0.0466
1.775	0.9957	1.0192	1.0151	0.9669	0.9603	0.0467
1.800	0.9926	1.0178	1.0143	0.9655	0.9597	0.0469
1.825	0.9911	1.0194	1.0117	0.9643	0.9592	0.0470
1.850	0.9916	1.0155	1.0183	0.9631	0.9587	0.0472
1.875	0.9909	1.0147	1.0168	0.9621	0.9583	0.0473
1.900	0.9907	1.0129	1.0202	0.9612	0.9579	0.0475
1.925	0.9936	1.0116	1.0315	0.9603	0.9575	0.0476
1.950	0.9931	1.0120	1.0203	0.9596	0.9571	0.0477
1.975	0.9967	1.0089	1.0404	0.9589	0.9568	0.0479
2.000	0.9981	1.0074	1.0277	0.9583	0.9565	0.0480
2.025	0.9985	1.0067	1.0198	0.9578	0.9562	0.0481
2.050	1.0004	1.0045	1.0359	0.9573	0.9559	0.0482
2.075	1.0007	1.0040	1.0382	0.9569	0.9556	0.0484
2.100	1.0038	1.0029	1.0262	0.9565	0.9553	0.0485
2.125	1.0009	0.9992	1.0350	0.9561	0.9550	0.0486
2.150	1.0029	0.9997	1.0281	0.9558	0.9548	0.0487
2.175	1.0033	0.9992	1.0331	0.9555	0.9545	0.0488
2.200	1.0032	0.9976	1.0384	0.9552	0.9543	0.0489
2.225	1.0014	1.0019	1.0238	0.9550	0.9541	0.0489
2.250	1.0032	0.9997	1.0192	0.9548	0.9539	0.0490
2.275	1.0023	0.9991	1.0155	0.9546	0.9538	0.0491
2.300	1.0007	1.0013	1.0176	0.9544	0.9536	0.0491
2.325	1.0007	1.0008	1.0222	0.9542	0.9534	0.0492
2.350	1.0014	0.9980	1.0137	0.9541	0.9533	0.0492
2.375	0.9997	0.9998	1.0216	0.9539	0.9532	0.0493
2.400	0.9990	0.9979	1.0163	0.9538	0.9531	0.0493
2.425	0.9968	1.0038	1.0148	0.9536	0.9530	0.0493
2.450	0.9975	0.9993	1.0193	0.9535	0.9529	0.0494
2.475	0.9962	0.9998	1.0143	0.9534	0.9528	0.0494
2.500	0.9946	1.0000	1.0136	0.9532	0.9527	0.0495
2.525	0.9966	0.9976	1.0083	0.9531	0.9526	0.0495

2.550	0.9953	0.9987	1.0039	0.9530	0.9525	0.0495
2.575	0.9955	0.9999	1.0037	0.9529	0.9524	0.0495
2.600	0.9965	1.0013	1.0066	0.9528	0.9523	0.0495
2.625	0.9966	0.9976	1.0050	0.9526	0.9522	0.0495
2.650	0.9963	0.9964	1.0100	0.9525	0.9521	0.0496
2.675	0.9951	0.9968	0.9940	0.9524	0.9520	0.0496
2.700	0.9951	0.9975	0.9983	0.9524	0.9519	0.0496
2.725	0.9954	0.9966	0.9912	0.9523	0.9518	0.0496
2.750	0.9967	1.0004	1.0008	0.9522	0.9517	0.0496
2.775	0.9953	0.9976	1.0120	0.9521	0.9516	0.0496
2.800	0.9971	0.9993	1.0029	0.9520	0.9515	0.0496
2.825	0.9970	0.9972	1.0047	0.9520	0.9515	0.0496
2.850	0.9969	0.9976	1.0014	0.9519	0.9514	0.0496
2.875	0.9978	1.0006	1.0024	0.9518	0.9513	0.0496
2.900	0.9970	0.9986	1.0042	0.9518	0.9512	0.0496
2.925	0.9984	1.0002	1.0120	0.9517	0.9512	0.0496
2.950	0.9974	0.9998	0.9933	0.9517	0.9511	0.0497
2.975	0.9976	1.0000	1.0058	0.9516	0.9510	0.0497
3.000	0.9976	0.9981	1.0111	0.9516	0.9510	0.0497
3.025	0.9988	0.9986	1.0047	0.9515	0.9510	0.0497
3.050	0.9983	0.9981	1.0060	0.9515	0.9509	0.0497
3.075	0.9989	1.0000	1.0114	0.9514	0.9509	0.0497
3.100	0.9991	0.9990	1.0005	0.9514	0.9508	0.0497
3.125	1.0000	1.0000	1.0036	0.9514	0.9508	0.0497
3.150	1.0002	0.9986	0.9952	0.9513	0.9508	0.0497
3.175	1.0006	0.9990	0.9982	0.9513	0.9507	0.0497
3.200	1.0011	1.0020	1.0079	0.9513	0.9507	0.0497
3.225	1.0009	0.9990	1.0009	0.9513	0.9507	0.0497
3.250	1.0004	0.9972	1.0000	0.9512	0.9506	0.0497
3.275	1.0005	1.0009	1.0033	0.9512	0.9506	0.0497
3.300	0.9998	0.9988	0.9947	0.9512	0.9506	0.0497
3.325	0.9998	1.0013	1.0016	0.9512	0.9506	0.0497
3.350	1.0013	1.0026	1.0023	0.9511	0.9505	0.0497
3.375	0.9996	1.0005	1.0074	0.9511	0.9505	0.0497
3.400	0.9995	1.0016	1.0162	0.9511	0.9505	0.0498
3.425	1.0008	1.0019	1.0148	0.9511	0.9505	0.0498
3.450	1.0012	1.0006	1.0144	0.9511	0.9505	0.0498
3.475	1.0001	1.0011	1.0092	0.9510	0.9505	0.0498
3.500	1.0004	0.9984	1.0078	0.9510	0.9505	0.0498
3.525	0.9996	0.9990	1.0041	0.9510	0.9505	0.0498
3.550	0.9995	0.9989	1.0025	0.9510	0.9504	0.0498
3.575	0.9991	0.9993	1.0009	0.9510	0.9504	0.0498
3.600	1.0006	1.0011	0.9992	0.9510	0.9504	0.0498
3.625	1.0004	0.9985	0.9954	0.9509	0.9504	0.0498
3.650	1.0006	0.9983	0.9977	0.9509	0.9504	0.0498
3.675	0.9992	0.9974	0.9928	0.9509	0.9504	0.0498
3.700	1.0002	0.9987	1.0021	0.9509	0.9504	0.0498
3.725	1.0020	0.9994	1.0067	0.9509	0.9504	0.0498
3.750	1.0011	1.0008	1.0071	0.9509	0.9504	0.0498
3.775	1.0012	1.0001	1.0058	0.9509	0.9504	0.0498
3.800	1.0006	1.0000	1.0098	0.9509	0.9504	0.0498
3.825	1.0004	1.0013	0.9983	0.9508	0.9504	0.0498
3.850	1.0007	1.0025	0.9964	0.9508	0.9504	0.0498
3.875	1.0005	1.0017	0.9954	0.9508	0.9504	0.0498
3.900	1.0009	1.0015	0.9955	0.9508	0.9504	0.0498
3.925	1.0008	1.0005	0.9998	0.9508	0.9503	0.0498
3.950	1.0009	1.0020	0.9985	0.9508	0.9503	0.0498
3.975	1.0008	1.0039	1.0055	0.9508	0.9503	0.0498
4.000	1.0000	1.0000	1.0000	0.9508	0.9503	0.0498

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$

$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.089$ $x_1=0.0498$ $\epsilon_{22}/\epsilon_{11}=1.50$

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0000	0.0019	0.0007	1.0000	1.0000	0.0005
0.875	0.0796	0.0271	0.0123	1.0000	1.0000	0.0093
0.900	0.2508	0.1358	0.0864	1.0000	1.0000	0.0740
0.925	0.5081	0.3919	0.3088	1.0000	1.0000	0.2636
0.950	0.9140	0.7808	0.6979	1.0000	1.0000	0.5077
0.975	1.2481	1.2124	1.1657	1.0000	1.0000	0.6877
1.000	1.5522	1.5845	1.5846	1.0000	1.0000	0.7924
1.025	1.7713	1.8415	1.8664	1.0000	1.0000	0.8508
1.050	1.9386	1.9854	2.0085	1.0000	1.0000	0.8846
1.075	1.9620	2.0313	2.0350	1.0000	1.0000	0.9054
1.100	2.0384	2.0070	1.9829	1.0000	1.0000	0.9188
1.125	1.8878	1.9408	1.8845	1.0000	0.9998	0.9278
1.150	1.8742	1.8715	1.7687	1.0000	0.9976	0.9342
1.175	1.6746	1.7627	1.6465	1.0000	0.9830	0.9387
1.200	1.6733	1.6791	1.5316	1.0000	0.9260	0.9421
1.225	1.5678	1.5830	1.4220	1.0000	0.7948	0.9446
1.250	1.6019	1.5009	1.3215	0.9999	0.6114	0.9465
1.275	1.5197	1.4149	1.2358	0.9989	0.4392	0.9479
1.300	1.4715	1.3328	1.1595	0.9914	0.3123	0.9490
1.325	1.3239	1.2794	1.0939	0.9621	0.2283	0.9498
1.350	1.3333	1.2235	1.0365	0.8882	0.1743	0.9503
1.375	1.3067	1.1647	0.9880	0.7603	0.1390	0.9507
1.400	1.2273	1.1308	0.9460	0.6031	0.1154	0.9510
1.425	1.1586	1.0851	0.9112	0.4561	0.0990	0.9511
1.450	1.1886	1.0452	0.8832	0.3411	0.0872	0.9512
1.475	1.1206	1.0201	0.8588	0.2591	0.0786	0.9511
1.500	1.0944	0.9891	0.8410	0.2021	0.0722	0.9510
1.525	1.0885	0.9639	0.8266	0.1628	0.0672	0.9508
1.550	1.1044	0.9449	0.8174	0.1353	0.0634	0.9506
1.575	1.0467	0.9239	0.8100	0.1155	0.0604	0.9504
1.600	1.0365	0.9031	0.8078	0.1009	0.0579	0.9501
1.625	1.0079	0.8870	0.8091	0.0899	0.0560	0.9497
1.650	0.9075	0.8773	0.8119	0.0814	0.0544	0.9494
1.675	0.9168	0.8713	0.8195	0.0746	0.0531	0.9490
1.700	0.9744	0.8590	0.8286	0.0694	0.0521	0.9486
1.725	0.9286	0.8560	0.8422	0.0652	0.0513	0.9483
1.750	0.9341	0.8511	0.8572	0.0618	0.0506	0.9479
1.775	0.8835	0.8516	0.8750	0.0590	0.0501	0.9476
1.800	0.9406	0.8489	0.8961	0.0566	0.0497	0.9473
1.825	0.9541	0.8497	0.9163	0.0548	0.0493	0.9471
1.850	0.8893	0.8528	0.9406	0.0532	0.0491	0.9469
1.875	0.8229	0.8557	0.9651	0.0517	0.0490	0.9468
1.900	0.9050	0.8577	0.9888	0.0505	0.0489	0.9467
1.925	0.9145	0.8658	1.0135	0.0496	0.0488	0.9467
1.950	0.8410	0.8689	1.0354	0.0488	0.0488	0.9468
1.975	0.8521	0.8783	1.0562	0.0481	0.0489	0.9469
2.000	0.8472	0.8845	1.0739	0.0474	0.0490	0.9471
2.025	0.8552	0.8969	1.0865	0.0469	0.0491	0.9473
2.050	0.8480	0.9042	1.0966	0.0465	0.0493	0.9475
2.075	0.8579	0.9149	1.1017	0.0461	0.0494	0.9478
2.100	0.8219	0.9276	1.1045	0.0458	0.0496	0.9480
2.125	0.8369	0.9418	1.1022	0.0455	0.0499	0.9483
2.150	0.8527	0.9557	1.0966	0.0453	0.0501	0.9485
2.175	0.8547	0.9719	1.0899	0.0451	0.0504	0.9487
2.200	0.8908	0.9820	1.0801	0.0450	0.0506	0.9490
2.225	0.8200	0.9987	1.0693	0.0449	0.0509	0.9491
2.250	0.8613	1.0113	1.0577	0.0448	0.0512	0.9493
2.275	0.8534	1.0232	1.0453	0.0448	0.0515	0.9495
2.300	0.8204	1.0362	1.0346	0.0448	0.0517	0.9496
2.325	0.8652	1.0501	1.0229	0.0448	0.0520	0.9497
2.350	0.8307	1.0589	1.0130	0.0448	0.0522	0.9498
2.375	0.8457	1.0656	1.0020	0.0448	0.0525	0.9499
2.400	0.9227	1.0737	0.9925	0.0449	0.0527	0.9499
2.425	0.8589	1.0785	0.9851	0.0450	0.0529	0.9499
2.450	0.8767	1.0835	0.9777	0.0451	0.0530	0.9500
2.475	0.8988	1.0833	0.9715	0.0452	0.0531	0.9500
2.500	0.8628	1.0759	0.9676	0.0454	0.0532	0.9500
2.525	0.8897	1.0772	0.9638	0.0455	0.0533	0.9499

2.550	0.9311	1.0716	0.9624	0.0456	0.0533	0.9499
2.575	0.8917	1.0665	0.9598	0.0458	0.0533	0.9499
2.600	0.9257	1.0624	0.9612	0.0460	0.0532	0.9499
2.625	0.9082	1.0522	0.9616	0.0462	0.0531	0.9498
2.650	0.9252	1.0476	0.9624	0.0463	0.0530	0.9498
2.675	0.9438	1.0463	0.9650	0.0465	0.0529	0.9497
2.700	0.9916	1.0333	0.9692	0.0468	0.0527	0.9497
2.725	0.9593	1.0272	0.9724	0.0470	0.0525	0.9497
2.750	0.9908	1.0221	0.9765	0.0472	0.0524	0.9496
2.775	0.9593	1.0165	0.9806	0.0474	0.0522	0.9496
2.800	0.9625	1.0086	0.9858	0.0476	0.0520	0.9496
2.825	0.9308	1.0073	0.9903	0.0478	0.0518	0.9496
2.850	0.9945	1.0006	0.9954	0.0480	0.0516	0.9496
2.875	0.9527	0.9966	0.9989	0.0482	0.0514	0.9495
2.900	0.9968	0.9865	1.0029	0.0483	0.0513	0.9495
2.925	1.0245	0.9865	1.0072	0.0486	0.0511	0.9496
2.950	1.0142	0.9835	1.0108	0.0488	0.0509	0.9496
2.975	1.0482	0.9806	1.0135	0.0490	0.0508	0.9496
3.000	1.0777	0.9765	1.0160	0.0492	0.0507	0.9496
3.025	1.0373	0.9742	1.0173	0.0494	0.0506	0.9496
3.050	1.0270	0.9720	1.0185	0.0496	0.0505	0.9497
3.075	1.0537	0.9725	1.0190	0.0498	0.0504	0.9497
3.100	1.0778	0.9683	1.0191	0.0500	0.0503	0.9498
3.125	1.0856	0.9670	1.0194	0.0502	0.0502	0.9498
3.150	1.0656	0.9683	1.0187	0.0503	0.0502	0.9498
3.175	1.0706	0.9701	1.0167	0.0505	0.0501	0.9498
3.200	1.0480	0.9718	1.0156	0.0506	0.0501	0.9499
3.225	1.0584	0.9734	1.0126	0.0507	0.0501	0.9499
3.250	1.1018	0.9753	1.0110	0.0508	0.0500	0.9499
3.275	1.0237	0.9761	1.0082	0.0509	0.0500	0.9499
3.300	1.0269	0.9772	1.0072	0.0509	0.0500	0.9499
3.325	1.0460	0.9793	1.0038	0.0509	0.0500	0.9500
3.350	1.0453	0.9840	1.0022	0.0510	0.0500	0.9500
3.375	1.0510	0.9826	1.0003	0.0510	0.0501	0.9500
3.400	1.0377	0.9837	0.9982	0.0510	0.0501	0.9500
3.425	1.0631	0.9918	0.9963	0.0510	0.0501	0.9500
3.450	1.0775	0.9952	0.9957	0.0510	0.0501	0.9500
3.475	1.0176	0.9962	0.9936	0.0510	0.0502	0.9500
3.500	1.0111	0.9996	0.9926	0.0509	0.0502	0.9500
3.525	0.9987	1.0005	0.9921	0.0508	0.0502	0.9500
3.550	0.9854	1.0025	0.9915	0.0507	0.0502	0.9500
3.575	1.0203	1.0062	0.9918	0.0507	0.0503	0.9500
3.600	1.0099	1.0066	0.9923	0.0506	0.0503	0.9500
3.625	1.0099	1.0080	0.9918	0.0505	0.0503	0.9500
3.650	0.9998	1.0086	0.9925	0.0504	0.0504	0.9500
3.675	1.0022	1.0136	0.9928	0.0503	0.0504	0.9500
3.700	0.9988	1.0116	0.9939	0.0502	0.0504	0.9500
3.725	1.0127	1.0143	0.9954	0.0501	0.0504	0.9500
3.750	0.9917	1.0144	0.9958	0.0501	0.0504	0.9500
3.775	1.0131	1.0138	0.9970	0.0500	0.0504	0.9500
3.800	0.9936	1.0140	0.9982	0.0499	0.0504	0.9500
3.825	0.9904	1.0129	0.9989	0.0498	0.0505	0.9500
3.850	0.9929	1.0118	0.9997	0.0498	0.0505	0.9500
3.875	0.9626	1.0139	1.0013	0.0497	0.0504	0.9500
3.900	0.9882	1.0097	1.0019	0.0496	0.0504	0.9500
3.925	0.9733	1.0117	1.0025	0.0495	0.0504	0.9500
3.950	0.9774	1.0115	1.0033	0.0495	0.0504	0.9500
3.975	0.9688	1.0097	1.0035	0.0494	0.0504	0.9500
4.000	1.0000	1.0000	1.0000	0.0494	0.0504	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0
σ_{22}/σ_{11}= 2.00 ρ*= 0.092 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0042	0.0022	0.0007	1.0000	1.0000	0.0002
0.875	0.0654	0.0271	0.0125	1.0000	1.0000	0.0046
0.900	0.1843	0.1340	0.0848	1.0000	1.0000	0.0362
0.925	0.4887	0.3809	0.3055	1.0000	1.0000	0.1438
0.950	0.9448	0.7794	0.6924	1.0000	1.0000	0.3265
0.975	1.2412	1.2031	1.1577	1.0000	1.0000	0.5087
1.000	1.7054	1.5628	1.5702	1.0000	1.0000	0.6420
1.025	1.8714	1.8276	1.8534	1.0000	1.0000	0.7281
1.050	1.9030	1.9668	1.9961	1.0000	1.0000	0.7827
1.075	2.0969	2.0052	2.0230	1.0000	1.0000	0.8181
1.100	1.9934	2.0042	1.9712	1.0000	1.0000	0.8417
1.125	1.9631	1.9327	1.8762	1.0000	0.9999	0.8580
1.150	1.9235	1.8539	1.7602	1.0000	0.9988	0.8696
1.175	1.8929	1.7712	1.6393	1.0000	0.9917	0.8781
1.200	1.7247	1.6682	1.5258	1.0000	0.9638	0.8844
1.225	1.6959	1.5916	1.4161	1.0000	0.8919	0.8891
1.250	1.6281	1.4979	1.3169	1.0000	0.7701	0.8926
1.275	1.5473	1.4304	1.2320	0.9994	0.6249	0.8953
1.300	1.5512	1.3455	1.1600	0.9959	0.4913	0.8973
1.325	1.4880	1.2804	1.0920	0.9823	0.3863	0.8988
1.350	1.3818	1.2253	1.0381	0.9462	0.3100	0.8999
1.375	1.3315	1.1753	0.9904	0.8769	0.2559	0.9007
1.400	1.3073	1.1232	0.9513	0.7738	0.2173	0.9013
1.425	1.2583	1.0872	0.9166	0.6527	0.1894	0.9016
1.450	1.2785	1.0506	0.8883	0.5364	0.1690	0.9017
1.475	1.1293	1.0196	0.8653	0.4385	0.1537	0.9016
1.500	1.1570	0.9875	0.8474	0.3615	0.1420	0.9014
1.525	1.1550	0.9678	0.8346	0.3031	0.1329	0.9011
1.550	1.1040	0.9414	0.8248	0.2590	0.1258	0.9008
1.575	1.0688	0.9220	0.8194	0.2255	0.1202	0.9003
1.600	1.0648	0.9072	0.8157	0.2000	0.1156	0.8998
1.625	1.0594	0.8972	0.8156	0.1805	0.1120	0.8992
1.650	1.0076	0.8853	0.8194	0.1650	0.1091	0.8985
1.675	0.9898	0.8729	0.8251	0.1525	0.1067	0.8979
1.700	0.9981	0.8678	0.8358	0.1427	0.1047	0.8972
1.725	0.9748	0.8623	0.8465	0.1346	0.1032	0.8966
1.750	0.9635	0.8574	0.8613	0.1280	0.1019	0.8959
1.775	0.9603	0.8557	0.8786	0.1225	0.1009	0.8953
1.800	0.9505	0.8508	0.8964	0.1180	0.1001	0.8948
1.825	0.9145	0.8519	0.9185	0.1141	0.0994	0.8944
1.850	0.9043	0.8529	0.9410	0.1108	0.0990	0.8941
1.875	0.8972	0.8529	0.9645	0.1079	0.0986	0.8939
1.900	0.9081	0.8598	0.9871	0.1055	0.0984	0.8938
1.925	0.8841	0.8653	1.0125	0.1035	0.0983	0.8938
1.950	0.8820	0.8724	1.0335	0.1017	0.0983	0.8939
1.975	0.8952	0.8827	1.0530	0.1002	0.0984	0.8941
2.000	0.9041	0.8877	1.0698	0.0990	0.0986	0.8945
2.025	0.8814	0.8956	1.0816	0.0980	0.0988	0.8948
2.050	0.8710	0.9067	1.0915	0.0970	0.0990	0.8952
2.075	0.8870	0.9164	1.0973	0.0963	0.0993	0.8957
2.100	0.8801	0.9319	1.0983	0.0956	0.0997	0.8961
2.125	0.8677	0.9413	1.0962	0.0951	0.1001	0.8966
2.150	0.8764	0.9578	1.0932	0.0947	0.1005	0.8970
2.175	0.8827	0.9700	1.0857	0.0943	0.1010	0.8974
2.200	0.8621	0.9839	1.0759	0.0940	0.1015	0.8978
2.225	0.8637	0.9947	1.0663	0.0938	0.1020	0.8981
2.250	0.8871	1.0078	1.0556	0.0936	0.1025	0.8985
2.275	0.8576	1.0234	1.0446	0.0935	0.1029	0.8987
2.300	0.8630	1.0366	1.0335	0.0934	0.1034	0.8990
2.325	0.8807	1.0458	1.0235	0.0934	0.1039	0.8992
2.350	0.8885	1.0547	1.0132	0.0934	0.1044	0.8993
2.375	0.8935	1.0614	1.0034	0.0935	0.1048	0.8995
2.400	0.9005	1.0665	0.9939	0.0936	0.1052	0.8996
2.425	0.9000	1.0714	0.9878	0.0938	0.1055	0.8996
2.450	0.8982	1.0740	0.9809	0.0939	0.1058	0.8997
2.475	0.9099	1.0734	0.9743	0.0941	0.1060	0.8997
2.500	0.9067	1.0726	0.9709	0.0944	0.1061	0.8997
2.525	0.9189	1.0685	0.9666	0.0946	0.1062	0.8996

2.550	0.9082	1.0680	0.9642	0.0948	0.1062	0.8996
2.575	0.9047	1.0596	0.9636	0.0951	0.1062	0.8995
2.600	0.9343	1.0563	0.9631	0.0953	0.1061	0.8995
2.625	0.9378	1.0550	0.9639	0.0956	0.1059	0.8994
2.650	0.9525	1.0458	0.9663	0.0960	0.1057	0.8994
2.675	0.9449	1.0404	0.9680	0.0963	0.1055	0.8993
2.700	0.9484	1.0322	0.9704	0.0966	0.1052	0.8992
2.725	0.9567	1.0273	0.9746	0.0969	0.1049	0.8992
2.750	0.9747	1.0221	0.9790	0.0973	0.1045	0.8991
2.775	0.9892	1.0166	0.9833	0.0977	0.1042	0.8991
2.800	0.9702	1.0133	0.9861	0.0980	0.1039	0.8990
2.825	1.0000	1.0087	0.9904	0.0984	0.1035	0.8990
2.850	1.0042	1.0023	0.9951	0.0988	0.1032	0.8990
2.875	1.0094	0.9985	0.9986	0.0991	0.1029	0.8990
2.900	1.0117	0.9921	1.0022	0.0995	0.1026	0.8990
2.925	1.0266	0.9877	1.0062	0.0999	0.1023	0.8990
2.950	1.0312	0.9853	1.0096	0.1002	0.1020	0.8990
2.975	1.0196	0.9828	1.0129	0.1005	0.1018	0.8990
3.000	1.0517	0.9795	1.0149	0.1009	0.1015	0.8991
3.025	1.0534	0.9747	1.0163	0.1012	0.1013	0.8992
3.050	1.0546	0.9750	1.0166	0.1015	0.1011	0.8992
3.075	1.0539	0.9728	1.0186	0.1019	0.1010	0.8993
3.100	1.0631	0.9713	1.0189	0.1021	0.1008	0.8993
3.125	1.0702	0.9697	1.0181	0.1024	0.1007	0.8994
3.150	1.0657	0.9705	1.0171	0.1027	0.1006	0.8995
3.175	1.0645	0.9722	1.0161	0.1029	0.1005	0.8995
3.200	1.0713	0.9726	1.0141	0.1031	0.1004	0.8996
3.225	1.0725	0.9748	1.0119	0.1033	0.1004	0.8996
3.250	1.0596	0.9748	1.0102	0.1034	0.1003	0.8996
3.275	1.0659	0.9799	1.0087	0.1035	0.1003	0.8997
3.300	1.0568	0.9767	1.0064	0.1036	0.1003	0.8997
3.325	1.0524	0.9820	1.0041	0.1037	0.1003	0.8997
3.350	1.0752	0.9852	1.0029	0.1037	0.1003	0.8997
3.375	1.0646	0.9855	1.0011	0.1038	0.1004	0.8997
3.400	1.0622	0.9905	0.9995	0.1038	0.1004	0.8998
3.425	1.0521	0.9917	0.9973	0.1038	0.1004	0.8998
3.450	1.0630	0.9917	0.9964	0.1037	0.1005	0.8998
3.475	1.0428	0.9945	0.9946	0.1037	0.1005	0.8998
3.500	1.0297	0.9979	0.9940	0.1036	0.1006	0.8998
3.525	1.0291	1.0005	0.9936	0.1034	0.1006	0.8998
3.550	1.0430	1.0000	0.9923	0.1033	0.1007	0.8997
3.575	1.0191	1.0044	0.9923	0.1032	0.1007	0.8997
3.600	1.0351	1.0077	0.9923	0.1030	0.1008	0.8997
3.625	1.0292	1.0076	0.9932	0.1029	0.1008	0.8997
3.650	1.0437	1.0083	0.9933	0.1028	0.1009	0.8997
3.675	1.0048	1.0103	0.9937	0.1026	0.1009	0.8997
3.700	1.0149	1.0099	0.9947	0.1024	0.1009	0.8997
3.725	1.0002	1.0106	0.9952	0.1022	0.1010	0.8997
3.750	1.0057	1.0132	0.9960	0.1021	0.1010	0.8997
3.775	1.0003	1.0134	0.9967	0.1019	0.1010	0.8997
3.800	0.9845	1.0133	0.9981	0.1017	0.1010	0.8997
3.825	0.9930	1.0132	0.9991	0.1015	0.1010	0.8997
3.850	0.9908	1.0121	0.9999	0.1014	0.1010	0.8997
3.875	0.9901	1.0107	1.0019	0.1012	0.1010	0.8997
3.900	0.9875	1.0092	1.0018	0.1011	0.1010	0.8998
3.925	0.9770	1.0133	1.0031	0.1009	0.1010	0.8998
3.950	0.9820	1.0097	1.0032	0.1008	0.1010	0.8998
3.975	0.9935	1.0077	1.0037	0.1007	0.1009	0.8998
4.000	1.0000	1.0000	1.0000	0.1006	0.1009	0.8998

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$

$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.105$ $x_1=0.2500$ $\epsilon_{22}/\epsilon_{11}=1.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0100	0.0025	0.0007	1.0000	1.0000	0.0001
0.875	0.0455	0.0262	0.0122	1.0000	1.0000	0.0015
0.900	0.1914	0.1302	0.0829	1.0000	1.0000	0.0123
0.925	0.4807	0.3783	0.2933	1.0000	1.0000	0.0519
0.950	0.8620	0.7610	0.6697	1.0000	1.0000	0.1362
0.975	1.2401	1.1830	1.1161	1.0000	1.0000	0.2517
1.000	1.5550	1.5430	1.5217	1.0000	1.0000	0.3682
1.025	1.8192	1.7963	1.7955	1.0000	1.0000	0.4654
1.050	1.9521	1.9363	1.9349	1.0000	1.0000	0.5393
1.075	1.9346	1.9874	1.9674	1.0000	1.0000	0.5937
1.100	1.9545	1.9678	1.9266	1.0000	1.0000	0.6336
1.125	1.9525	1.9173	1.8372	1.0000	1.0000	0.6630
1.150	1.8454	1.8358	1.7305	1.0000	0.9996	0.6848
1.175	1.7836	1.7495	1.6162	1.0000	0.9973	0.7012
1.200	1.7307	1.6585	1.5073	1.0000	0.9877	0.7137
1.225	1.6855	1.5735	1.4050	1.0000	0.9619	0.7232
1.250	1.5980	1.4864	1.3101	1.0000	0.9115	0.7305
1.275	1.5372	1.4178	1.2319	0.9997	0.8366	0.7361
1.300	1.4992	1.3438	1.1601	0.9985	0.7483	0.7405
1.325	1.3965	1.2752	1.0983	0.9940	0.6596	0.7437
1.350	1.3647	1.2226	1.0465	0.9814	0.5802	0.7462
1.375	1.3114	1.1739	1.0021	0.9550	0.5140	0.7480
1.400	1.2951	1.1266	0.9656	0.9103	0.4607	0.7492
1.425	1.2428	1.0914	0.9334	0.8484	0.4183	0.7500
1.450	1.2259	1.0511	0.9083	0.7754	0.3848	0.7504
1.475	1.1690	1.0234	0.8867	0.6997	0.3582	0.7506
1.500	1.1588	0.9964	0.8707	0.6283	0.3370	0.7504
1.525	1.1105	0.9732	0.8607	0.5649	0.3201	0.7500
1.550	1.1097	0.9529	0.8509	0.5107	0.3064	0.7495
1.575	1.0706	0.9367	0.8456	0.4654	0.2953	0.7488
1.600	1.0500	0.9213	0.8424	0.4278	0.2863	0.7480
1.625	1.0429	0.9088	0.8422	0.3968	0.2789	0.7471
1.650	1.0069	0.8989	0.8443	0.3713	0.2729	0.7461
1.675	1.0042	0.8921	0.8499	0.3501	0.2679	0.7450
1.700	0.9664	0.8826	0.8558	0.3324	0.2639	0.7439
1.725	0.9688	0.8773	0.8652	0.3175	0.2605	0.7428
1.750	0.9464	0.8730	0.8773	0.3051	0.2578	0.7418
1.775	0.9567	0.8721	0.8889	0.2946	0.2556	0.7408
1.800	0.9501	0.8680	0.9046	0.2858	0.2538	0.7399
1.825	0.9314	0.8652	0.9213	0.2782	0.2524	0.7391
1.850	0.9318	0.8684	0.9404	0.2718	0.2513	0.7385
1.875	0.9159	0.8723	0.9603	0.2663	0.2505	0.7381
1.900	0.9027	0.8765	0.9804	0.2615	0.2500	0.7379
1.925	0.9033	0.8789	1.0020	0.2574	0.2496	0.7379
1.950	0.8957	0.8831	1.0191	0.2538	0.2495	0.7381
1.975	0.8886	0.8901	1.0364	0.2508	0.2495	0.7384
2.000	0.8885	0.8982	1.0520	0.2482	0.2496	0.7389
2.025	0.8807	0.9040	1.0653	0.2459	0.2499	0.7395
2.050	0.8926	0.9117	1.0737	0.2440	0.2502	0.7402
2.075	0.8784	0.9220	1.0809	0.2424	0.2507	0.7410
2.100	0.8759	0.9297	1.0818	0.2411	0.2512	0.7418
2.125	0.8872	0.9444	1.0822	0.2399	0.2518	0.7426
2.150	0.8741	0.9534	1.0783	0.2390	0.2525	0.7434
2.175	0.8867	0.9650	1.0730	0.2382	0.2532	0.7441
2.200	0.8738	0.9777	1.0679	0.2377	0.2539	0.7448
2.225	0.8813	0.9874	1.0605	0.2372	0.2547	0.7455
2.250	0.8864	1.0022	1.0507	0.2369	0.2555	0.7461
2.275	0.9028	1.0130	1.0412	0.2367	0.2563	0.7466
2.300	0.8808	1.0273	1.0313	0.2366	0.2572	0.7471
2.325	0.8861	1.0361	1.0240	0.2366	0.2580	0.7475
2.350	0.8814	1.0448	1.0156	0.2366	0.2588	0.7478
2.375	0.8875	1.0472	1.0069	0.2367	0.2595	0.7481
2.400	0.8892	1.0559	0.9996	0.2368	0.2601	0.7483
2.425	0.8955	1.0572	0.9934	0.2370	0.2607	0.7484
2.450	0.9017	1.0607	0.9884	0.2373	0.2612	0.7485
2.475	0.9004	1.0630	0.9834	0.2377	0.2616	0.7486
2.500	0.8976	1.0618	0.9790	0.2380	0.2619	0.7486
2.525	0.9166	1.0597	0.9756	0.2384	0.2621	0.7486

2.550	0.9263	1.0583	0.9750	0.2389	0.2621	0.7486
2.575	0.9183	1.0546	0.9754	0.2394	0.2621	0.7485
2.600	0.9254	1.0523	0.9737	0.2399	0.2619	0.7485
2.625	0.9354	1.0494	0.9730	0.2405	0.2617	0.7484
2.650	0.9371	1.0447	0.9741	0.2410	0.2614	0.7483
2.675	0.9528	1.0379	0.9757	0.2416	0.2610	0.7482
2.700	0.9572	1.0323	0.9776	0.2423	0.2605	0.7482
2.725	0.9651	1.0270	0.9800	0.2430	0.2600	0.7481
2.750	0.9678	1.0213	0.9831	0.2437	0.2594	0.7480
2.775	0.9724	1.0159	0.9850	0.2443	0.2588	0.7479
2.800	0.9803	1.0116	0.9880	0.2450	0.2582	0.7479
2.825	0.9885	1.0067	0.9938	0.2457	0.2576	0.7479
2.850	1.0001	1.0047	0.9958	0.2464	0.2570	0.7478
2.875	1.0042	0.9976	0.9981	0.2471	0.2564	0.7478
2.900	1.0143	0.9947	0.9998	0.2478	0.2559	0.7479
2.925	1.0113	0.9920	1.0040	0.2485	0.2553	0.7479
2.950	1.0169	0.9869	1.0068	0.2492	0.2548	0.7479
2.975	1.0265	0.9862	1.0089	0.2498	0.2543	0.7480
3.000	1.0413	0.9838	1.0095	0.2505	0.2539	0.7480
3.025	1.0285	0.9832	1.0120	0.2511	0.2535	0.7481
3.050	1.0434	0.9792	1.0129	0.2517	0.2531	0.7482
3.075	1.0510	0.9782	1.0129	0.2523	0.2528	0.7484
3.100	1.0401	0.9789	1.0144	0.2529	0.2525	0.7485
3.125	1.0552	0.9788	1.0131	0.2534	0.2523	0.7486
3.150	1.0407	0.9808	1.0131	0.2539	0.2521	0.7486
3.175	1.0629	0.9798	1.0130	0.2543	0.2519	0.7487
3.200	1.0552	0.9804	1.0113	0.2548	0.2517	0.7488
3.225	1.0670	0.9794	1.0103	0.2551	0.2516	0.7489
3.250	1.0557	0.9805	1.0089	0.2555	0.2515	0.7490
3.275	1.0636	0.9824	1.0084	0.2558	0.2515	0.7490
3.300	1.0636	0.9828	1.0058	0.2560	0.2514	0.7491
3.325	1.0614	0.9840	1.0053	0.2562	0.2514	0.7491
3.350	1.0578	0.9863	1.0033	0.2564	0.2514	0.7492
3.375	1.0515	0.9867	1.0029	0.2565	0.2514	0.7492
3.400	1.0535	0.9886	1.0008	0.2566	0.2514	0.7492
3.425	1.0532	0.9905	1.0000	0.2566	0.2515	0.7492
3.450	1.0380	0.9916	0.9995	0.2565	0.2515	0.7492
3.475	1.0425	0.9922	0.9978	0.2564	0.2515	0.7493
3.500	1.0327	0.9979	0.9975	0.2563	0.2516	0.7493
3.525	1.0318	0.9981	0.9979	0.2561	0.2517	0.7493
3.550	1.0306	1.0003	0.9961	0.2559	0.2517	0.7493
3.575	1.0307	1.0022	0.9962	0.2557	0.2518	0.7493
3.600	1.0214	1.0014	0.9957	0.2555	0.2518	0.7493
3.625	1.0213	1.0040	0.9951	0.2552	0.2519	0.7493
3.650	1.0156	1.0059	0.9962	0.2549	0.2520	0.7493
3.675	1.0154	1.0053	0.9970	0.2547	0.2520	0.7493
3.700	1.0092	1.0064	0.9975	0.2544	0.2521	0.7493
3.725	1.0130	1.0089	0.9976	0.2541	0.2521	0.7493
3.750	1.0007	1.0086	0.9978	0.2538	0.2521	0.7493
3.775	1.0080	1.0088	0.9985	0.2535	0.2521	0.7493
3.800	0.9970	1.0081	0.9985	0.2532	0.2522	0.7493
3.825	0.9909	1.0087	0.9998	0.2529	0.2522	0.7493
3.850	0.9929	1.0089	1.0000	0.2526	0.2521	0.7493
3.875	0.9976	1.0085	1.0009	0.2523	0.2521	0.7493
3.900	0.9942	1.0095	1.0024	0.2521	0.2521	0.7494
3.925	0.9990	1.0075	1.0017	0.2519	0.2521	0.7494
3.950	0.9935	1.0078	1.0030	0.2516	0.2521	0.7494
3.975	0.9915	1.0073	1.0030	0.2514	0.2520	0.7494
4.000	1.0000	1.0000	1.0000	0.2512	0.2520	0.7494

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$

$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.131$ $x_1=0.5000$ $\epsilon_{22}/\epsilon_{11}=1.50$

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0060	0.0021	0.0005	1.0000	1.0000	0.0000
0.875	0.0500	0.0242	0.0108	1.0000	1.0000	0.0005
0.900	0.1871	0.1211	0.0722	1.0000	1.0000	0.0038
0.925	0.4654	0.3525	0.2597	1.0000	1.0000	0.0166
0.950	0.8127	0.7120	0.5974	1.0000	1.0000	0.0466
0.975	1.1828	1.0989	1.0064	1.0000	1.0000	0.0949
1.000	1.4864	1.4494	1.3747	1.0000	1.0000	0.1539
1.025	1.6863	1.6946	1.6421	1.0000	1.0000	0.2141
1.050	1.8086	1.8331	1.7848	1.0000	1.0000	0.2687
1.075	1.8569	1.8762	1.8284	1.0000	1.0000	0.3150
1.100	1.8629	1.8738	1.8028	1.0000	1.0000	0.3528
1.125	1.8169	1.8246	1.7304	1.0000	1.0000	0.3830
1.150	1.7787	1.7581	1.6402	1.0000	0.9999	0.4070
1.175	1.7374	1.6778	1.5474	1.0000	0.9992	0.4259
1.200	1.6592	1.5947	1.4554	1.0000	0.9962	0.4409
1.225	1.5910	1.5195	1.3678	1.0000	0.9880	0.4528
1.250	1.5440	1.4469	1.2875	1.0000	0.9709	0.4620
1.275	1.4773	1.3790	1.2165	0.9999	0.9429	0.4693
1.300	1.4227	1.3147	1.1593	0.9995	0.9051	0.4750
1.325	1.3673	1.2596	1.1088	0.9981	0.8613	0.4795
1.350	1.3383	1.2144	1.0637	0.9939	0.8156	0.4830
1.375	1.2876	1.1675	1.0277	0.9850	0.7716	0.4857
1.400	1.2531	1.1264	0.9943	0.9691	0.7313	0.4877
1.425	1.2172	1.0939	0.9729	0.9452	0.6958	0.4893
1.450	1.1965	1.0629	0.9537	0.9142	0.6651	0.4904
1.475	1.1576	1.0399	0.9349	0.8782	0.6390	0.4912
1.500	1.1424	1.0170	0.9272	0.8395	0.6170	0.4918
1.525	1.1006	0.9949	0.9161	0.8005	0.5985	0.4921
1.550	1.0847	0.9797	0.9125	0.7631	0.5830	0.4923
1.575	1.0675	0.9695	0.9079	0.7286	0.5700	0.4923
1.600	1.0496	0.9561	0.9053	0.6976	0.5591	0.4922
1.625	1.0226	0.9492	0.9045	0.6700	0.5499	0.4919
1.650	1.0119	0.9432	0.9013	0.6457	0.5423	0.4916
1.675	1.0089	0.9378	0.9016	0.6244	0.5360	0.4911
1.700	0.9898	0.9316	0.9031	0.6059	0.5307	0.4905
1.725	0.9741	0.9277	0.9048	0.5897	0.5263	0.4898
1.750	0.9694	0.9254	0.9101	0.5757	0.5226	0.4891
1.775	0.9665	0.9217	0.9169	0.5635	0.5196	0.4884
1.800	0.9492	0.9175	0.9248	0.5530	0.5170	0.4877
1.825	0.9392	0.9147	0.9354	0.5437	0.5149	0.4871
1.850	0.9436	0.9163	0.9452	0.5357	0.5132	0.4867
1.875	0.9366	0.9141	0.9569	0.5287	0.5119	0.4863
1.900	0.9341	0.9160	0.9716	0.5227	0.5107	0.4861
1.925	0.9362	0.9159	0.9827	0.5175	0.5098	0.4861
1.950	0.9292	0.9161	0.9962	0.5129	0.5091	0.4862
1.975	0.9267	0.9173	1.0078	0.5090	0.5086	0.4864
2.000	0.9231	0.9207	1.0216	0.5056	0.5082	0.4868
2.025	0.9257	0.9277	1.0286	0.5027	0.5079	0.4873
2.050	0.9214	0.9289	1.0404	0.5002	0.5078	0.4880
2.075	0.9212	0.9354	1.0430	0.4980	0.5077	0.4886
2.100	0.9188	0.9407	1.0478	0.4962	0.5077	0.4893
2.125	0.9157	0.9501	1.0491	0.4946	0.5078	0.4901
2.150	0.9167	0.9544	1.0465	0.4933	0.5079	0.4908
2.175	0.9180	0.9618	1.0452	0.4923	0.5082	0.4915
2.200	0.9144	0.9696	1.0427	0.4914	0.5084	0.4921
2.225	0.9082	0.9802	1.0378	0.4906	0.5088	0.4928
2.250	0.9093	0.9875	1.0344	0.4899	0.5092	0.4933
2.275	0.9135	0.9957	1.0277	0.4895	0.5097	0.4938
2.300	0.9127	1.0073	1.0253	0.4891	0.5102	0.4943
2.325	0.9136	1.0139	1.0205	0.4889	0.5108	0.4947
2.350	0.9141	1.0209	1.0153	0.4887	0.5113	0.4951
2.375	0.9139	1.0243	1.0090	0.4886	0.5118	0.4954
2.400	0.9202	1.0313	1.0048	0.4886	0.5123	0.4957
2.425	0.9178	1.0344	1.0015	0.4887	0.5127	0.4959
2.450	0.9206	1.0358	0.9983	0.4888	0.5131	0.4960
2.475	0.9271	1.0377	0.9975	0.4889	0.5134	0.4962
2.500	0.9258	1.0387	0.9949	0.4891	0.5137	0.4963
2.525	0.9261	1.0385	0.9919	0.4894	0.5139	0.4964

2.550	0.9304	1.0373	0.9916	0.4896	0.5139	0.4965
2.575	0.9310	1.0339	0.9896	0.4899	0.5139	0.4966
2.600	0.9323	1.0343	0.9894	0.4902	0.5138	0.4966
2.625	0.9412	1.0290	0.9862	0.4905	0.5136	0.4967
2.650	0.9420	1.0295	0.9881	0.4909	0.5134	0.4967
2.675	0.9468	1.0268	0.9886	0.4913	0.5130	0.4967
2.700	0.9522	1.0237	0.9891	0.4917	0.5127	0.4967
2.725	0.9578	1.0210	0.9902	0.4922	0.5122	0.4968
2.750	0.9600	1.0174	0.9905	0.4927	0.5117	0.4968
2.775	0.9616	1.0147	0.9930	0.4932	0.5112	0.4968
2.800	0.9753	1.0138	0.9939	0.4938	0.5107	0.4968
2.825	0.9792	1.0094	0.9967	0.4943	0.5101	0.4968
2.850	0.9856	1.0057	0.9960	0.4949	0.5096	0.4969
2.875	0.9881	1.0047	0.9976	0.4955	0.5090	0.4969
2.900	0.9932	1.0019	1.0003	0.4961	0.5085	0.4969
2.925	1.0003	1.0019	0.9997	0.4967	0.5080	0.4970
2.950	1.0026	0.9985	1.0007	0.4974	0.5075	0.4970
2.975	1.0105	0.9977	1.0025	0.4980	0.5071	0.4971
3.000	1.0139	0.9971	1.0039	0.4987	0.5067	0.4972
3.025	1.0165	0.9966	1.0047	0.4993	0.5063	0.4973
3.050	1.0169	0.9957	1.0056	0.4998	0.5059	0.4974
3.075	1.0227	0.9938	1.0046	0.5004	0.5056	0.4975
3.100	1.0209	0.9945	1.0052	0.5010	0.5053	0.4976
3.125	1.0290	0.9924	1.0066	0.5015	0.5050	0.4976
3.150	1.0308	0.9938	1.0070	0.5020	0.5048	0.4977
3.175	1.0364	0.9920	1.0065	0.5025	0.5045	0.4978
3.200	1.0344	0.9924	1.0061	0.5029	0.5043	0.4979
3.225	1.0352	0.9929	1.0067	0.5034	0.5042	0.4980
3.250	1.0345	0.9924	1.0051	0.5037	0.5040	0.4981
3.275	1.0347	0.9933	1.0052	0.5041	0.5039	0.4982
3.300	1.0342	0.9931	1.0053	0.5044	0.5038	0.4982
3.325	1.0317	0.9928	1.0041	0.5046	0.5037	0.4983
3.350	1.0302	0.9950	1.0045	0.5048	0.5036	0.4984
3.375	1.0301	0.9942	1.0025	0.5049	0.5035	0.4984
3.400	1.0240	0.9946	1.0035	0.5050	0.5035	0.4985
3.425	1.0273	0.9950	1.0026	0.5051	0.5034	0.4985
3.450	1.0188	0.9951	1.0028	0.5051	0.5034	0.4986
3.475	1.0218	0.9965	1.0030	0.5050	0.5033	0.4986
3.500	1.0210	0.9973	1.0029	0.5050	0.5033	0.4987
3.525	1.0225	0.9970	1.0020	0.5049	0.5033	0.4987
3.550	1.0173	0.9987	1.0010	0.5047	0.5033	0.4987
3.575	1.0165	0.9983	1.0010	0.5046	0.5033	0.4988
3.600	1.0158	1.0004	1.0022	0.5044	0.5033	0.4988
3.625	1.0112	1.0006	1.0002	0.5042	0.5032	0.4988
3.650	1.0107	1.0025	1.0004	0.5040	0.5032	0.4989
3.675	1.0106	1.0015	0.9998	0.5038	0.5032	0.4989
3.700	1.0075	1.0021	1.0001	0.5036	0.5032	0.4989
3.725	1.0086	1.0039	0.9991	0.5034	0.5032	0.4989
3.750	1.0059	1.0045	0.9985	0.5032	0.5032	0.4989
3.775	1.0049	1.0038	1.0007	0.5029	0.5032	0.4990
3.800	1.0073	1.0047	1.0006	0.5027	0.5031	0.4990
3.825	1.0045	1.0045	0.9996	0.5025	0.5031	0.4990
3.850	0.9959	1.0035	1.0001	0.5023	0.5031	0.4990
3.875	0.9980	1.0043	1.0009	0.5020	0.5030	0.4990
3.900	0.9997	1.0048	1.0006	0.5018	0.5030	0.4991
3.925	0.9977	1.0041	1.0016	0.5016	0.5030	0.4991
3.950	0.9954	1.0053	1.0016	0.5014	0.5029	0.4991
3.975	0.9935	1.0038	1.0014	0.5013	0.5029	0.4991
4.000	1.0000	1.0000	1.0000	0.5011	0.5028	0.4992

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.160$ $x_1=0.7500$ $\epsilon_{22}/\epsilon_{11}=1.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0049	0.0016	0.0003	1.0000	1.0000	0.0000
0.875	0.0442	0.0200	0.0072	1.0000	1.0000	0.0001
0.900	0.1608	0.1018	0.0525	1.0000	1.0000	0.0010
0.925	0.3981	0.2952	0.1971	1.0000	1.0000	0.0046
0.950	0.7158	0.5973	0.4704	1.0000	1.0000	0.0136
0.975	1.0255	0.9438	0.8007	1.0000	1.0000	0.0291
1.000	1.3007	1.2460	1.1222	1.0000	1.0000	0.0499
1.025	1.4895	1.4718	1.3565	1.0000	1.0000	0.0735
1.050	1.6100	1.6174	1.4982	1.0000	1.0000	0.0971
1.075	1.6626	1.6777	1.5648	1.0000	1.0000	0.1192
1.100	1.6763	1.6890	1.5684	1.0000	1.0000	0.1389
1.125	1.6484	1.6557	1.5222	1.0000	1.0000	0.1556
1.150	1.6194	1.6143	1.4788	1.0000	1.0000	0.1698
1.175	1.5723	1.5448	1.4148	1.0000	0.9998	0.1817
1.200	1.5248	1.4899	1.3488	1.0000	0.9990	0.1914
1.225	1.4721	1.4249	1.2985	1.0000	0.9967	0.1995
1.250	1.4301	1.3681	1.2274	1.0000	0.9917	0.2060
1.275	1.3805	1.3161	1.1917	1.0000	0.9831	0.2114
1.300	1.3412	1.2702	1.1389	0.9999	0.9709	0.2158
1.325	1.3002	1.2234	1.1191	0.9994	0.9557	0.2194
1.350	1.2697	1.1821	1.0813	0.9981	0.9384	0.2224
1.375	1.2307	1.1505	1.0615	0.9954	0.9205	0.2250
1.400	1.1996	1.1202	1.0399	0.9904	0.9029	0.2271
1.425	1.1700	1.0947	1.0267	0.9827	0.8861	0.2289
1.450	1.1493	1.0689	1.0189	0.9722	0.8706	0.2305
1.475	1.1276	1.0534	1.0093	0.9593	0.8567	0.2320
1.500	1.1005	1.0390	1.0041	0.9447	0.8444	0.2333
1.525	1.0931	1.0236	1.0064	0.9290	0.8335	0.2345
1.550	1.0700	1.0164	0.9964	0.9131	0.8240	0.2356
1.575	1.0554	1.0096	0.9927	0.8973	0.8157	0.2365
1.600	1.0433	1.0018	0.9935	0.8822	0.8086	0.2374
1.625	1.0314	0.9948	0.9832	0.8680	0.8024	0.2381
1.650	1.0216	0.9934	0.9776	0.8549	0.7971	0.2387
1.675	1.0099	0.9911	0.9848	0.8430	0.7925	0.2393
1.700	1.0038	0.9872	0.9764	0.8322	0.7886	0.2397
1.725	1.0006	0.9882	0.9754	0.8225	0.7852	0.2401
1.750	0.9888	0.9863	0.9722	0.8138	0.7824	0.2404
1.775	0.9864	0.9816	0.9687	0.8060	0.7798	0.2406
1.800	0.9762	0.9797	0.9728	0.7992	0.7776	0.2408
1.825	0.9743	0.9756	0.9762	0.7930	0.7756	0.2409
1.850	0.9750	0.9763	0.9716	0.7876	0.7739	0.2411
1.875	0.9736	0.9727	0 9752	0.7828	0.7724	0.2412
1.900	0.9700	0.9722	0.9804	0.7786	0.7711	0.2413
1.925	0.9698	0.9714	0.9854	0.7749	0.7698	0.2415
1.950	0.9683	0.9679	0.9904	0.7716	0.7687	0.2417
1.975	0.9643	0.9645	0.9944	0.7687	0.7677	0.2419
2.000	0.9642	0.9653	0.9996	0.7662	0.7667	0.2421
2.025	0.9665	0.9648	0.9997	0.7640	0.7658	0.2423
2.050	0.9638	0.9671	1.0137	0.7620	0.7650	0.2426
2.075	0.9644	0.9642	1.0130	0.7603	0.7642	0.2429
2.100	0.9669	0.9637	1.0112	0.7589	0.7635	0.2432
2.125	0.9689	0.9667	1.0113	0.7576	0.7628	0.2435
2.150	0.9643	0.9696	1.0154	0.7565	0.7622	0.2438
2.175	0.9687	0.9737	1.0170	0.7556	0.7617	0.2441
2.200	0.9670	0.9759	1.0159	0.7548	0.7613	0.2444
2.225	0.9642	0.9797	1.0117	0.7541	0.7609	0.2446
2.250	0.9663	0.9816	1.0098	0.7534	0.7605	0.2449
2.275	0.9630	0.9848	1.0135	0.7529	0.7602	0.2451
2.300	0.9653	0.9902	1.0053	0.7524	0.7599	0.2453
2.325	0.9602	0.9921	1.0051	0.7520	0.7597	0.2455
2.350	0.9622	0.9931	1.0065	0.7517	0.7595	0.2457
2.375	0.9621	0.9981	1.0063	0.7513	0.7594	0.2458
2.400	0.9610	0.9998	1.0045	0.7510	0.7592	0.2460
2.425	0.9576	1.0027	1.0018	0.7508	0.7591	0.2461
2.450	0.9568	1.0020	1.0009	0.7505	0.7590	0.2463
2.475	0.9606	1.0053	1.0030	0.7503	0.7589	0.2464
2.500	0.9605	1.0070	1.0010	0.7501	0.7588	0.2465
2.525	0.9608	1.0071	1.0010	0.7499	0.7587	0.2466

2.550	0.9626	1.0085	1.0042	0.7498	0.7586	0.2467
2.575	0.9646	1.0082	1.0056	0.7497	0.7585	0.2468
2.600	0.9650	1.0089	1.0011	0.7496	0.7583	0.2470
2.625	0.9651	1.0090	1.0015	0.7495	0.7582	0.2470
2.650	0.9684	1.0072	1.0020	0.7494	0.7580	0.2471
2.675	0.9673	1.0084	0.9986	0.7493	0.7578	0.2472
2.700	0.9707	1.0075	1.0003	0.7493	0.7577	0.2473
2.725	0.9742	1.0072	1.0001	0.7493	0.7575	0.2474
2.750	0.9738	1.0080	1.0032	0.7493	0.7572	0.2474
2.775	0.9748	1.0063	1.0002	0.7493	0.7570	0.2475
2.800	0.9780	1.0052	1.0015	0.7493	0.7568	0.2476
2.825	0.9801	1.0044	1.0025	0.7494	0.7566	0.2477
2.850	0.9842	1.0049	1.0007	0.7494	0.7563	0.2477
2.875	0.9854	1.0060	1.0031	0.7495	0.7561	0.2478
2.900	0.9883	1.0043	1.0045	0.7496	0.7559	0.2479
2.925	0.9912	1.0029	1.0056	0.7497	0.7557	0.2479
2.950	0.9912	1.0033	1.0009	0.7498	0.7555	0.2480
2.975	0.9978	1.0020	1.0019	0.7500	0.7553	0.2480
3.000	0.9945	1.0028	1.0033	0.7501	0.7551	0.2481
3.025	0.9990	0.9999	1.0033	0.7503	0.7550	0.2482
3.050	1.0032	1.0026	1.0011	0.7504	0.7548	0.2482
3.075	1.0028	1.0011	1.0049	0.7506	0.7546	0.2483
3.100	1.0050	1.0020	1.0018	0.7507	0.7545	0.2483
3.125	1.0082	1.0016	1.0022	0.7509	0.7544	0.2484
3.150	1.0087	0.9988	1.0010	0.7511	0.7543	0.2484
3.175	1.0080	1.0004	0.9993	0.7513	0.7541	0.2485
3.200	1.0123	1.0000	1.0017	0.7514	0.7540	0.2485
3.225	1.0087	0.9997	1.0014	0.7516	0.7539	0.2485
3.250	1.0093	1.0008	0.9984	0.7517	0.7538	0.2486
3.275	1.0103	0.9991	1.0042	0.7518	0.7537	0.2486
3.300	1.0121	1.0003	1.0011	0.7519	0.7536	0.2487
3.325	1.0125	1.0002	0.9998	0.7520	0.7535	0.2487
3.350	1.0106	1.0001	1.0026	0.7521	0.7534	0.2487
3.375	1.0117	1.0009	1.0007	0.7522	0.7534	0.2488
3.400	1.0112	0.9994	1.0016	0.7523	0.7533	0.2488
3.425	1.0111	1.0011	0.9997	0.7523	0.7532	0.2488
3.450	1.0095	0.9993	1.0020	0.7524	0.7531	0.2488
3.475	1.0094	1.0000	1.0007	0.7524	0.7530	0.2489
3.500	1.0085	1.0013	1.0003	0.7524	0.7530	0.2489
3.525	1.0093	1.0013	1.0029	0.7524	0.7529	0.2489
3.550	1.0105	1.0009	1.0036	0.7524	0.7528	0.2490
3.575	1.0083	1.0009	1.0015	0.7524	0.7528	0.2490
3.600	1.0062	0.9992	1.0014	0.7524	0.7527	0.2490
3.625	1.0074	1.0010	0.9994	0.7524	0.7527	0.2490
3.650	1.0083	0.9993	1.0028	0.7524	0.7526	0.2491
3.675	1.0072	1.0013	1.0028	0.7523	0.7525	0.2491
3.700	1.0072	0.9999	1.0022	0.7523	0.7525	0.2491
3.725	1.0044	0.9996	1.0047	0.7523	0.7524	0.2492
3.750	1.0038	0.9996	1.0029	0.7522	0.7524	0.2492
3.775	1.0035	1.0013	1.0036	0.7521	0.7523	0.2492
3.800	1.0081	1.0018	1.0031	0.7521	0.7523	0.2492
3.825	1.0031	1.0007	1.0038	0.7520	0.7522	0.2493
3.850	1.0048	1.0018	1.0026	0.7520	0.7522	0.2493
3.875	1.0039	1.0006	1.0034	0.7519	0.7521	0.2493
3.900	1.0030	1.0023	1.0046	0.7519	0.7521	0.2494
3.925	1.0046	1.0004	1.0023	0.7518	0.7520	0.2494
3.950	1.0049	1.0014	1.0018	0.7518	0.7520	0.2494
3.975	1.0007	1.0005	1.0012	0.7517	0.7519	0.2494
4.000	1.0000	1.0000	1.0000	0.7517	0.7519	0.2494

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ*= 0.167 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0047	0.0015	0.0005	1.0000	1.0000	0.0000
0.875	0.0347	0.0168	0.0064	1.0000	1.0000	0.0000
0.900	0.1415	0.0861	0.0444	1.0000	1.0000	0.0003
0.925	0.3447	0.2569	0.1624	1.0000	1.0000	0.0014
0.950	0.6229	0.5231	0.3916	1.0000	1.0000	0.0041
0.975	0.9095	0.8344	0.6777	1.0000	1.0000	0.0090
1.000	1.1555	1.0964	0.9655	1.0000	1.0000	0.0157
1.025	1.3280	1.3126	1.1857	1.0000	1.0000	0.0237
1.050	1.4517	1.4517	1.3279	1.0000	1.0000	0.0320
1.075	1.5111	1.5153	1.4036	1.0000	1.0000	0.0401
1.100	1.5245	1.5311	1.4141	1.0000	1.0000	0.0476
1.125	1.5182	1.5119	1.4002	1.0000	1.0000	0.0542
1.150	1.4952	1.4831	1.3735	1.0000	1.0000	0.0599
1.175	1.4602	1.4415	1.3344	1.0000	0.9999	0.0649
1.200	1.4222	1.3946	1.3030	1.0000	0.9997	0.0692
1.225	1.3826	1.3419	1.2293	1.0000	0.9990	0.0727
1.250	1.3429	1.2979	1.1991	1.0000	0.9975	0.0757
1.275	1.3062	1.2537	1.1565	1.0000	0.9948	0.0781
1.300	1.2674	1.2209	1.1403	1.0000	0.9910	0.0802
1.325	1.2326	1.1881	1.0919	0.9998	0.9861	0.0819
1.350	1.2097	1.1518	1.0886	0.9994	0.9804	0.0834
1.375	1.1815	1.1266	1.0719	0.9986	0.9742	0.0847
1.400	1.1518	1.1052	1.0564	0.9970	0.9680	0.0858
1.425	1.1318	1.0857	1.0325	0.9946	0.9619	0.0867
1.450	1.1082	1.0587	1.0289	0.9912	0.9560	0.0875
1.475	1.0929	1.0508	1.0342	0.9869	0.9507	0.0883
1.500	1.0818	1.0404	1.0373	0.9821	0.9458	0.0891
1.525	1.0656	1.0300	1.0549	0.9767	0.9414	0.0898
1.550	1.0557	1.0237	1.0442	0.9711	0.9375	0.0906
1.575	1.0409	1.0187	1.0346	0.9655	0.9340	0.0912
1.600	1.0275	1.0184	1.0519	0.9599	0.9308	0.0918
1.625	1.0270	1.0121	1.0396	0.9546	0.9281	0.0924
1.650	1.0178	1.0133	1.0361	0.9496	0.9257	0.0929
1.675	1.0078	1.0104	1.0303	0.9449	0.9237	0.0934
1.700	1.0008	1.0161	1.0281	0.9406	0.9219	0.0939
1.725	0.9992	1.0159	1.0298	0.9367	0.9203	0.0943
1.750	0.9940	1.0161	1.0273	0.9331	0.9189	0.0946
1.775	0.9946	1.0100	1.0285	0.9298	0.9177	0.0950
1.800	0.9888	1.0135	1.0245	0.9269	0.9166	0.0953
1.825	0.9921	1.0104	1.0150	0.9243	0.9156	0.0956
1.850	0.9843	1.0100	1.0188	0.9219	0.9148	0.0958
1.875	0.9866	1.0117	1.0136	0.9198	0.9140	0.0961
1.900	0.9901	1.0068	1.0083	0.9179	0.9133	0.0962
1.925	0.9875	1.0008	1.0251	0.9162	0.9127	0.0965
1.950	0.9877	1.0040	1.0129	0.9148	0.9121	0.0967
1.975	0.9880	1.0005	1.0178	0.9134	0.9115	0.0968
2.000	0.9890	1.0016	1.0056	0.9122	0.9109	0.0970
2.025	0.9948	0.9987	1.0172	0.9112	0.9104	0.0971
2.050	0.9927	0.9989	1.0164	0.9103	0.9098	0.0973
2.075	0.9942	0.9931	1.0128	0.9095	0.9093	0.0974
2.100	0.9933	0.9951	1.0115	0.9087	0.9088	0.0975
2.125	0.9920	0.9924	1.0109	0.9081	0.9083	0.0977
2.150	0.9944	0.9953	1.0047	0.9075	0.9079	0.0977
2.175	0.9948	0.9898	1.0102	0.9070	0.9074	0.0978
2.200	0.9958	0.9918	1.0098	0.9066	0.9071	0.0980
2.225	0.9906	0.9897	1.0129	0.9062	0.9067	0.0980
2.250	0.9932	0.9918	1.0138	0.9059	0.9063	0.0981
2.275	0.9917	0.9938	1.0150	0.9055	0.9060	0.0982
2.300	0.9906	0.9936	1.0159	0.9052	0.9057	0.0983
2.325	0.9930	0.9953	1.0029	0.9050	0.9054	0.0984
2.350	0.9910	0.9962	1.0123	0.9047	0.9052	0.0985
2.375	0.9915	0.9949	1.0077	0.9045	0.9049	0.0986
2.400	0.9903	0.9970	1.0057	0.9043	0.9047	0.0986
2.425	0.9869	0.9976	1.0130	0.9041	0.9045	0.0987
2.450	0.9869	0.9973	1.0104	0.9039	0.9043	0.0988
2.475	0.9877	0.9987	1.0064	0.9037	0.9041	0.0988
2.500	0.9876	0.9986	1.0042	0.9035	0.9039	0.0989
2.525	0.9878	0.9961	0.9958	0.9034	0.9038	0.0989

2.550	0.9878	0.9968	0.9990	0.9032	0.9037	0.0989
2.575	0.9861	1.0004	0.9913	0.9031	0.9035	0.0989
2.600	0.9891	0.9995	1.0035	0.9029	0.9033	0.0989
2.625	0.9868	0.9993	1.0032	0.9027	0.9032	0.0990
2.650	0.9863	0.9990	1.0086	0.9026	0.9031	0.0990
2.675	0.9882	0.9997	1.0091	0.9025	0.9030	0.0991
2.700	0.9875	1.0000	0.9966	0.9023	0.9029	0.0991
2.725	0.9853	1.0028	1.0029	0.9022	0.9028	0.0991
2.750	0.9890	1.0005	0.9997	0.9021	0.9026	0.0991
2.775	0.9903	1.0024	1.0012	0.9020	0.9025	0.0991
2.800	0.9897	1.0023	1.0054	0.9019	0.9025	0.0992
2.825	0.9904	1.0029	1.0094	0.9018	0.9024	0.0992
2.850	0.9913	1.0009	0.9995	0.9017	0.9023	0.0992
2.875	0.9939	0.9981	1.0025	0.9017	0.9022	0.0993
2.900	0.9915	0.9991	0.9985	0.9016	0.9022	0.0993
2.925	0.9921	0.9987	1.0055	0.9015	0.9021	0.0993
2.950	0.9955	1.0000	1.0017	0.9015	0.9020	0.0993
2.975	0.9954	1.0012	1.0026	0.9014	0.9019	0.0993
3.000	0.9963	1.0011	1.0028	0.9014	0.9019	0.0994
3.025	0.9973	0.9989	1.0081	0.9013	0.9018	0.0994
3.050	0.9980	1.0009	1.0056	0.9013	0.9017	0.0994
3.075	0.9969	0.9989	1.0008	0.9013	0.9016	0.0994
3.100	0.9979	0.9983	1.0051	0.9013	0.9016	0.0994
3.125	0.9990	0.9984	1.0006	0.9012	0.9015	0.0995
3.150	0.9987	1.0002	1.0121	0.9012	0.9015	0.0995
3.175	0.9989	0.9996	1.0013	0.9012	0.9014	0.0995
3.200	1.0007	0.9991	1.0052	0.9012	0.9014	0.0995
3.225	1.0007	1.0012	1.0071	0.9012	0.9013	0.0995
3.250	1.0013	0.9987	1.0096	0.9012	0.9013	0.0996
3.275	1.0019	0.9984	1.0051	0.9012	0.9012	0.0996
3.300	1.0015	0.9992	1.0007	0.9012	0.9012	0.0996
3.325	1.0016	1.0010	1.0123	0.9012	0.9011	0.0996
3.350	1.0042	0.9991	1.0026	0.9012	0.9011	0.0996
3.375	1.0016	1.0001	1.0112	0.9012	0.9011	0.0997
3.400	1.0031	0.9992	1.0117	0.9012	0.9011	0.0997
3.425	1.0041	1.0003	1.0060	0.9012	0.9011	0.0997
3.450	1.0014	1.0004	1.0034	0.9012	0.9011	0.0997
3.475	1.0027	1.0021	1.0060	0.9012	0.9010	0.0997
3.500	1.0023	0.9992	1.0030	0.9011	0.9010	0.0997
3.525	1.0018	1.0012	1.0021	0.9011	0.9010	0.0997
3.550	1.0035	0.9997	1.0084	0.9011	0.9010	0.0998
3.575	1.0016	1.0008	0.9978	0.9011	0.9009	0.0998
3.600	1.0032	1.0013	1.0010	0.9011	0.9009	0.0998
3.625	1.0018	1.0013	1.0091	0.9011	0.9009	0.0998
3.650	1.0007	1.0012	1.0068	0.9011	0.9009	0.0998
3.675	1.0011	1.0005	1.0084	0.9011	0.9009	0.0998
3.700	1.0012	0.9998	1.0051	0.9011	0.9009	0.0998
3.725	1.0016	0.9995	0.9996	0.9011	0.9008	0.0998
3.750	1.0006	1.0012	1.0013	0.9010	0.9008	0.0998
3.775	0.9993	1.0017	1.0039	0.9010	0.9008	0.0998
3.800	0.9999	1.0002	1.0002	0.9010	0.9008	0.0998
3.825	1.0006	0.9995	1.0027	0.9010	0.9008	0.0998
3.850	0.9996	0.9994	1.0023	0.9010	0.9007	0.0998
3.875	0.9996	1.0005	1.0035	0.9010	0.9007	0.0999
3.900	1.0008	1.0001	1.0015	0.9010	0.9007	0.0999
3.925	0.9990	0.9979	1.0004	0.9009	0.9007	0.0999
3.950	1.0006	0.9999	1.0065	0.9009	0.9007	0.0999
3.975	0.9999	0.9981	1.0053	0.9009	0.9007	0.0999
4.000	1.0000	1.0000	1.0000	0.9009	0.9006	0.0999

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$

$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.167$ $x_1=0.9502$ $\epsilon_{22}/\epsilon_{11}=1.50$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0039	0.0013	0.0004	1.0000	1.0000	0.0000
0.875	0.0345	0.0158	0.0038	1.0000	1.0000	0.0000
0.900	0.1318	0.0819	0.0487	1.0000	1.0000	0.0002
0.925	0.3295	0.2453	0.1647	1.0000	1.0000	0.0007
0.950	0.5957	0.5012	0.3543	1.0000	1.0000	0.0020
0.975	0.8709	0.7950	0.6315	1.0000	1.0000	0.0041
1.000	1.1055	1.0583	0.9279	1.0000	1.0000	0.0072
1.025	1.2810	1.2653	1.1253	1.0000	1.0000	0.0110
1.050	1.3925	1.3966	1.3049	1.0000	1.0000	0.0150
1.075	1.4526	1.4649	1.3882	1.0000	1.0000	0.0190
1.100	1.4766	1.4849	1.3907	1.0000	1.0000	0.0228
1.125	1.4711	1.4765	1.3988	1.0000	1.0000	0.0261
1.150	1.4440	1.4464	1.3506	1.0000	1.0000	0.0290
1.175	1.4149	1.4139	1.3118	1.0000	1.0000	0.0315
1.200	1.3808	1.3623	1.2425	1.0000	0.9998	0.0335
1.225	1.3425	1.3287	1.2614	1.0000	0.9995	0.0353
1.250	1.3019	1.2782	1.2069	1.0000	0.9988	0.0369
1.275	1.2724	1.2411	1.1555	1.0000	0.9976	0.0382
1.300	1.2410	1.2078	1.1193	1.0000	0.9959	0.0392
1.325	1.2114	1.1653	1.1121	0.9999	0.9936	0.0401
1.350	1.1804	1.1452	1.0846	0.9997	0.9909	0.0409
1.375	1.1603	1.1123	1.0819	0.9993	0.9880	0.0416
1.400	1.1395	1.0931	1.0766	0.9986	0.9850	0.0422
1.425	1.1179	1.0805	1.0764	0.9975	0.9819	0.0428
1.450	1.0974	1.0580	1.0455	0.9959	0.9790	0.0433
1.475	1.0813	1.0554	1.0572	0.9939	0.9764	0.0437
1.500	1.0653	1.0414	1.0670	0.9916	0.9739	0.0442
1.525	1.0565	1.0339	1.0613	0.9890	0.9717	0.0446
1.550	1.0452	1.0289	1.0895	0.9864	0.9697	0.0450
1.575	1.0340	1.0252	1.0880	0.9836	0.9680	0.0455
1.600	1.0228	1.0260	1.0625	0.9810	0.9665	0.0458
1.625	1.0162	1.0263	1.0537	0.9784	0.9651	0.0461
1.650	1.0069	1.0202	1.0785	0.9759	0.9638	0.0465
1.675	1.0039	1.0216	1.0748	0.9736	0.9627	0.0468
1.700	1.0005	1.0260	1.0649	0.9715	0.9618	0.0471
1.725	0.9974	1.0253	1.0798	0.9695	0.9610	0.0473
1.750	0.9936	1.0194	1.0347	0.9677	0.9603	0.0476
1.775	0.9916	1.0261	1.0466	0.9660	0.9597	0.0477
1.800	0.9893	1.0192	1.0316	0.9645	0.9591	0.0479
1.825	0.9906	1.0171	1.0236	0.9632	0.9586	0.0480
1.850	0.9872	1.0171	1.0189	0.9620	0.9581	0.0482
1.875	0.9863	1.0185	1.0351	0.9609	0.9576	0.0483
1.900	0.9892	1.0134	1.0180	0.9599	0.9572	0.0484
1.925	0.9889	1.0097	1.0254	0.9591	0.9568	0.0485
1.950	0.9918	1.0081	1.0258	0.9583	0.9565	0.0486
1.975	0.9915	1.0087	1.0215	0.9576	0.9562	0.0487
2.000	0.9923	1.0048	1.0191	0.9570	0.9558	0.0488
2.025	0.9984	1.0032	1.0173	0.9565	0.9555	0.0488
2.050	0.9969	1.0044	1.0434	0.9560	0.9552	0.0489
2.075	1.0004	1.0023	1.0124	0.9556	0.9549	0.0490
2.100	0.9975	0.9982	1.0297	0.9552	0.9545	0.0491
2.125	1.0013	1.0004	1.0272	0.9549	0.9542	0.0492
2.150	1.0006	1.0022	1.0287	0.9546	0.9540	0.0492
2.175	0.9999	0.9991	1.0287	0.9543	0.9538	0.0493
2.200	1.0013	0.9991	1.0117	0.9541	0.9535	0.0494
2.225	0.9986	1.0005	1.0187	0.9539	0.9533	0.0494
2.250	0.9986	1.0011	1.0013	0.9537	0.9531	0.0494
2.275	1.0012	0.9991	1.0265	0.9535	0.9529	0.0495
2.300	0.9986	0.9971	0.9955	0.9533	0.9527	0.0495
2.325	1.0001	0.9984	1.0244	0.9532	0.9525	0.0495
2.350	0.9983	0.9963	1.0115	0.9530	0.9524	0.0495
2.375	0.9978	0.9985	1.0197	0.9529	0.9522	0.0496
2.400	0.9965	0.9961	1.0064	0.9528	0.9521	0.0496
2.425	0.9967	0.9932	1.0037	0.9527	0.9520	0.0496
2.450	0.9969	0.9954	1.0042	0.9525	0.9519	0.0496
2.475	0.9951	0.9976	1.0107	0.9524	0.9518	0.0496
2.500	0.9959	0.9973	1.0077	0.9523	0.9517	0.0497
2.525	0.9961	0.9958	0.9932	0.9522	0.9516	0.0497

2.550	0.9953	0.9995	1.0140	0.9521	0.9515	0.0497
2.575	0.9939	1.0006	1.0029	0.9520	0.9515	0.0497
2.600	0.9938	0.9969	0.9973	0.9519	0.9514	0.0497
2.625	0.9939	0.9985	0.9958	0.9518	0.9513	0.0497
2.650	0.9933	0.9988	1.0052	0.9518	0.9513	0.0497
2.675	0.9944	1.0002	1.0016	0.9517	0.9512	0.0497
2.700	0.9960	0.9970	1.0004	0.9516	0.9512	0.0497
2.725	0.9945	0.9994	1.0111	0.9515	0.9511	0.0497
2.750	0.9953	0.9987	1.0129	0.9515	0.9510	0.0497
2.775	0.9963	0.9976	1.0086	0.9514	0.9510	0.0497
2.800	0.9951	0.9991	1.0137	0.9513	0.9509	0.0498
2.825	0.9956	0.9986	1.0022	0.9513	0.9509	0.0498
2.850	0.9963	0.9985	1.0062	0.9512	0.9508	0.0498
2.875	0.9969	0.9974	1.0024	0.9512	0.9508	0.0498
2.900	0.9965	0.9973	1.0021	0.9511	0.9507	0.0498
2.925	0.9973	0.9985	1.0092	0.9511	0.9507	0.0498
2.950	0.9969	0.9989	0.9986	0.9511	0.9506	0.0498
2.975	0.9981	0.9995	1.0028	0.9510	0.9506	0.0498
3.000	0.9972	0.9996	0.9979	0.9510	0.9506	0.0498
3.025	0.9978	0.9984	1.0070	0.9510	0.9506	0.0498
3.050	0.9994	1.0036	1.0084	0.9509	0.9505	0.0498
3.075	0.9982	1.0012	1.0054	0.9509	0.9505	0.0498
3.100	0.9997	1.0022	1.0030	0.9509	0.9505	0.0498
3.125	0.9997	1.0006	1.0119	0.9509	0.9505	0.0498
3.150	0.9994	0.9993	1.0056	0.9509	0.9504	0.0498
3.175	1.0024	1.0014	1.0025	0.9509	0.9504	0.0498
3.200	1.0009	0.9983	1.0035	0.9508	0.9504	0.0498
3.225	1.0022	1.0018	1.0035	0.9508	0.9504	0.0498
3.250	1.0005	1.0029	0.9917	0.9508	0.9504	0.0498
3.275	1.0004	1.0024	0.9911	0.9508	0.9504	0.0498
3.300	1.0001	1.0021	1.0145	0.9508	0.9504	0.0498
3.325	1.0017	0.9985	0.9991	0.9508	0.9504	0.0498
3.350	1.0006	1.0006	1.0032	0.9508	0.9503	0.0498
3.375	1.0010	1.0014	1.0035	0.9507	0.9503	0.0498
3.400	1.0014	1.0011	1.0033	0.9507	0.9503	0.0498
3.425	1.0021	1.0015	1.0106	0.9507	0.9503	0.0499
3.450	1.0006	1.0018	1.0036	0.9507	0.9503	0.0499
3.475	1.0000	1.0010	0.9979	0.9507	0.9503	0.0499
3.500	1.0009	0.9988	1.0122	0.9507	0.9503	0.0499
3.525	1.0002	1.0007	1.0067	0.9507	0.9503	0.0499
3.550	1.0015	0.9991	1.0053	0.9507	0.9503	0.0499
3.575	1.0013	1.0003	1.0105	0.9507	0.9503	0.0499
3.600	1.0012	1.0007	1.0138	0.9507	0.9503	0.0499
3.625	1.0008	1.0001	1.0019	0.9507	0.9503	0.0499
3.650	1.0017	1.0024	1.0069	0.9507	0.9503	0.0499
3.675	1.0008	1.0003	1.0130	0.9507	0.9503	0.0499
3.700	1.0010	0.9999	1.0169	0.9507	0.9503	0.0499
3.725	1.0012	1.0002	1.0123	0.9507	0.9503	0.0499
3.750	1.0003	1.0002	1.0030	0.9506	0.9502	0.0499
3.775	1.0005	0.9996	1.0049	0.9506	0.9502	0.0499
3.800	1.0006	0.9989	1.0083	0.9506	0.9502	0.0499
3.825	1.0009	1.0003	1.0044	0.9506	0.9502	0.0499
3.850	1.0000	1.0008	1.0086	0.9506	0.9502	0.0499
3.875	1.0025	1.0002	0.9990	0.9506	0.9502	0.0499
3.900	1.0009	1.0019	1.0078	0.9506	0.9502	0.0499
3.925	1.0009	1.0011	1.0085	0.9506	0.9502	0.0500
3.950	1.0005	1.0027	1.0041	0.9506	0.9502	0.0500
3.975	1.0019	0.9985	1.0011	0.9506	0.9502	0.0500
4.000	1.0000	1.0000	1.0000	0.9506	0.9502	0.0500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.096 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0146	0.0009	0.0000	1.0000	1.0000	0.0000
0.875	0.0690	0.0157	0.0026	1.0000	1.0000	0.0015
0.900	0.2218	0.1016	0.0332	1.0000	1.0000	0.0232
0.925	0.5559	0.3319	0.1773	1.0000	1.0000	0.1374
0.950	1.0159	0.7419	0.5270	1.0000	1.0000	0.3779
0.975	1.2981	1.2312	1.0434	1.0000	1.0000	0.6102
1.000	1.8232	1.6798	1.5760	1.0000	1.0000	0.7549
1.025	1.9542	1.9796	1.9790	1.0000	1.0000	0.8338
1.050	2.0899	2.1615	2.1993	1.0000	1.0000	0.8774
1.075	2.1310	2.1987	2.2590	1.0000	1.0000	0.9028
1.100	2.1270	2.1720	2.1989	1.0000	1.0000	0.9186
1.125	2.1483	2.0914	2.0746	1.0000	1.0000	0.9288
1.150	2.0000	1.9929	1.9214	1.0000	0.9998	0.9358
1.175	1.8507	1.8657	1.7600	1.0000	0.9967	0.9407
1.200	1.8258	1.7420	1.6058	1.0000	0.9768	0.9441
1.225	1.7380	1.6448	1.4662	1.0000	0.9046	0.9467
1.250	1.6133	1.5268	1.3438	0.9999	0.7521	0.9485
1.275	1.5978	1.4450	1.2347	0.9995	0.5575	0.9499
1.300	1.5151	1.3552	1.1434	0.9961	0.3898	0.9509
1.325	1.3997	1.2731	1.0650	0.9787	0.2737	0.9516
1.350	1.3774	1.2100	1.0005	0.9257	0.1997	0.9520
1.375	1.3473	1.1468	0.9428	0.8190	0.1529	0.9523
1.400	1.2524	1.0998	0.8957	0.6672	0.1226	0.9525
1.425	1.2766	1.0548	0.8576	0.5088	0.1024	0.9525
1.450	1.2354	1.0069	0.8263	0.3778	0.0884	0.9524
1.475	1.1818	0.9736	0.8007	0.2822	0.0784	0.9522
1.500	1.0898	0.9434	0.7837	0.2160	0.0712	0.9520
1.525	1.1623	0.9187	0.7686	0.1710	0.0657	0.9516
1.550	1.0790	0.8987	0.7600	0.1401	0.0616	0.9513
1.575	1.0940	0.8749	0.7553	0.1181	0.0584	0.9508
1.600	1.0559	0.8643	0.7550	0.1023	0.0559	0.9504
1.625	1.0017	0.8471	0.7597	0.0905	0.0539	0.9499
1.650	1.0026	0.8358	0.7670	0.0815	0.0523	0.9494
1.675	0.9541	0.8272	0.7786	0.0746	0.0511	0.9489
1.700	0.9326	0.8190	0.7931	0.0691	0.0501	0.9484
1.725	0.9431	0.8132	0.8124	0.0647	0.0494	0.9479
1.750	0.9094	0.8123	0.8340	0.0612	0.0488	0.9474
1.775	0.9091	0.8081	0.8580	0.0583	0.0483	0.9470
1.800	0.8539	0.8126	0.8843	0.0559	0.0480	0.9466
1.825	0.9005	0.8118	0.9135	0.0540	0.0477	0.9463
1.850	0.8462	0.8180	0.9436	0.0523	0.0476	0.9461
1.875	0.8351	0.8256	0.9741	0.0509	0.0475	0.9460
1.900	0.9033	0.8331	1.0055	0.0498	0.0475	0.9459
1.925	0.8771	0.8389	1.0353	0.0488	0.0476	0.9460
1.950	0.8971	0.8549	1.0640	0.0481	0.0477	0.9461
1.975	0.8746	0.8599	1.0898	0.0474	0.0478	0.9463
2.000	0.8548	0.8753	1.1116	0.0469	0.0480	0.9465
2.025	0.8751	0.8918	1.1290	0.0464	0.0483	0.9469
2.050	0.8388	0.9030	1.1420	0.0461	0.0485	0.9472
2.075	0.8377	0.9151	1.1473	0.0457	0.0488	0.9475
2.100	0.8479	0.9316	1.1468	0.0455	0.0492	0.9479
2.125	0.8508	0.9526	1.1426	0.0453	0.0495	0.9482
2.150	0.8266	0.9672	1.1329	0.0451	0.0499	0.9486
2.175	0.8038	0.9852	1.1214	0.0449	0.0502	0.9489
2.200	0.8178	0.9984	1.1057	0.0448	0.0506	0.9492
2.225	0.8321	1.0141	1.0891	0.0447	0.0510	0.9494
2.250	0.8075	1.0334	1.0719	0.0447	0.0514	0.9496
2.275	0.8496	1.0506	1.0542	0.0447	0.0517	0.9498
2.300	0.8152	1.0663	1.0353	0.0447	0.0521	0.9500
2.325	0.8432	1.0801	1.0190	0.0447	0.0525	0.9501
2.350	0.8445	1.0877	1.0024	0.0448	0.0528	0.9502
2.375	0.8531	1.0993	0.9885	0.0449	0.0531	0.9502
2.400	0.8455	1.1084	0.9757	0.0450	0.0534	0.9503
2.425	0.8668	1.1083	0.9645	0.0451	0.0536	0.9503
2.450	0.8853	1.1100	0.9547	0.0453	0.0538	0.9502
2.475	0.8813	1.1070	0.9473	0.0454	0.0539	0.9502
2.500	0.9014	1.1034	0.9414	0.0456	0.0540	0.9502
2.525	0.9483	1.1011	0.9377	0.0459	0.0540	0.9501

2.550	0.9078	1.0938	0.9368	0.0461	0.0540	0.9500
2.575	0.9154	1.0842	0.9359	0.0463	0.0540	0.9500
2.600	0.9268	1.0775	0.9380	0.0465	0.0539	0.9499
2.625	0.9246	1.0664	0.9411	0.0468	0.0538	0.9498
2.650	0.9659	1.0569	0.9448	0.0470	0.0536	0.9497
2.675	0.9535	1.0451	0.9504	0.0473	0.0534	0.9497
2.700	0.9903	1.0350	0.9558	0.0475	0.0531	0.9496
2.725	0.9925	1.0298	0.9629	0.0478	0.0529	0.9495
2.750	0.9948	1.0188	0.9698	0.0481	0.0526	0.9495
2.775	1.0360	1.0128	0.9775	0.0484	0.0524	0.9494
2.800	1.0654	0.9986	0.9852	0.0487	0.0521	0.9494
2.825	1.0377	0.9920	0.9927	0.0490	0.0518	0.9494
2.850	0.9991	0.9864	1.0006	0.0493	0.0516	0.9494
2.875	1.0543	0.9802	1.0074	0.0496	0.0513	0.9494
2.900	1.0944	0.9745	1.0138	0.0499	0.0511	0.9494
2.925	1.0745	0.9692	1.0196	0.0501	0.0509	0.9494
2.950	1.0837	0.9618	1.0244	0.0504	0.0507	0.9494
2.975	1.0820	0.9615	1.0287	0.0507	0.0505	0.9495
3.000	1.1007	0.9593	1.0312	0.0509	0.0504	0.9495
3.025	1.0855	0.9556	1.0326	0.0512	0.0502	0.9496
3.050	1.1036	0.9562	1.0338	0.0514	0.0501	0.9496
3.075	1.0863	0.9532	1.0337	0.0516	0.0500	0.9497
3.100	1.0853	0.9565	1.0326	0.0518	0.0499	0.9497
3.125	1.1083	0.9579	1.0299	0.0519	0.0499	0.9498
3.150	1.1118	0.9578	1.0282	0.0521	0.0498	0.9498
3.175	1.0941	0.9588	1.0253	0.0522	0.0498	0.9499
3.200	1.0774	0.9614	1.0221	0.0523	0.0497	0.9499
3.225	1.0879	0.9639	1.0181	0.0524	0.0497	0.9499
3.250	1.0925	0.9663	1.0147	0.0525	0.0497	0.9500
3.275	1.0668	0.9688	1.0100	0.0525	0.0498	0.9500
3.300	1.0677	0.9724	1.0055	0.0525	0.0498	0.9500
3.325	1.0720	0.9775	1.0018	0.0525	0.0498	0.9500
3.350	1.0391	0.9820	0.9980	0.0525	0.0499	0.9500
3.375	1.0632	0.9861	0.9946	0.0525	0.0499	0.9500
3.400	1.0348	0.9890	0.9912	0.0524	0.0500	0.9500
3.425	1.0416	0.9944	0.9894	0.0524	0.0500	0.9500
3.450	1.0512	0.9971	0.9864	0.0523	0.0501	0.9500
3.475	1.0508	1.0009	0.9847	0.0522	0.0501	0.9500
3.500	1.0315	1.0049	0.9843	0.0521	0.0502	0.9500
3.525	1.0488	1.0089	0.9829	0.0520	0.0502	0.9500
3.550	1.0396	1.0086	0.9826	0.0519	0.0503	0.9499
3.575	1.0429	1.0132	0.9835	0.0518	0.0503	0.9499
3.600	1.0242	1.0156	0.9844	0.0517	0.0504	0.9499
3.625	1.0328	1.0177	0.9857	0.0516	0.0504	0.9499
3.650	1.0064	1.0189	0.9873	0.0514	0.0505	0.9499
3.675	1.0417	1.0234	0.9885	0.0513	0.0505	0.9499
3.700	1.0049	1.0242	0.9906	0.0512	0.0506	0.9499
3.725	1.0067	1.0210	0.9925	0.0511	0.0506	0.9499
3.750	0.9861	1.0230	0.9947	0.0509	0.0506	0.9499
3.775	0.9924	1.0216	0.9973	0.0508	0.0506	0.9499
3.800	1.0284	1.0240	0.9992	0.0507	0.0506	0.9499
3.825	1.0022	1.0203	1.0010	0.0506	0.0506	0.9499
3.850	0.9841	1.0195	1.0028	0.0505	0.0506	0.9499
3.875	0.9566	1.0178	1.0044	0.0504	0.0506	0.9499
3.900	0.9904	1.0155	1.0061	0.0503	0.0506	0.9499
3.925	0.9801	1.0142	1.0073	0.0502	0.0506	0.9499
3.950	0.9618	1.0123	1.0081	0.0501	0.0505	0.9500
3.975	0.9865	1.0093	1.0085	0.0500	0.0505	0.9500
4.000	1.0000	1.0000	1.0000	0.0500	0.0505	0.9500

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.099 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0092	0.0011	0.0000	1.0000	1.0000	0.0000
0.875	0.0694	0.0159	0.0025	1.0000	1.0000	0.0007
0.900	0.1886	0.1014	0.0325	1.0000	1.0000	0.0109
0.925	0.5190	0.3334	0.1739	1.0000	1.0000	0.0691
0.950	0.9704	0.7385	0.5165	1.0000	1.0000	0.2202
0.975	1.3455	1.2137	1.0286	1.0000	1.0000	0.4219
1.000	1.6216	1.6512	1.5533	1.0000	1.0000	0.5897
1.025	1.9219	1.9611	1.9589	1.0000	1.0000	0.7010
1.050	2.0708	2.1392	2.1769	1.0000	1.0000	0.7700
1.075	2.0248	2.1993	2.2384	1.0000	1.0000	0.8131
1.100	1.9880	2.1597	2.1817	1.0000	1.0000	0.8409
1.125	1.9786	2.0876	2.0605	1.0000	1.0000	0.8595
1.150	1.9129	1.9797	1.9099	1.0000	0.9999	0.8723
1.175	1.8351	1.8679	1.7520	1.0000	0.9985	0.8814
1.200	1.7383	1.7448	1.6029	1.0000	0.9891	0.8880
1.225	1.6314	1.6327	1.4638	1.0000	0.9532	0.8928
1.250	1.6239	1.5362	1.3426	1.0000	0.8670	0.8963
1.275	1.5031	1.4348	1.2373	0.9997	0.7303	0.8989
1.300	1.4761	1.3591	1.1479	0.9979	0.5781	0.9008
1.325	1.3620	1.2756	1.0692	0.9892	0.4468	0.9022
1.350	1.3324	1.2077	1.0040	0.9618	0.3482	0.9031
1.375	1.3265	1.1477	0.9485	0.9017	0.2785	0.9037
1.400	1.3038	1.0972	0.9030	0.8030	0.2300	0.9040
1.425	1.2309	1.0529	0.8658	0.6791	0.1959	0.9040
1.450	1.1446	1.0165	0.8351	0.5544	0.1715	0.9039
1.475	1.1105	0.9752	0.8111	0.4468	0.1537	0.9036
1.500	1.1670	0.9471	0.7942	0.3625	0.1405	0.9032
1.525	1.1331	0.9274	0.7799	0.2994	0.1305	0.9026
1.550	1.0739	0.8999	0.7720	0.2525	0.1228	0.9019
1.575	1.0818	0.8779	0.7667	0.2175	0.1167	0.9012
1.600	1.0368	0.8628	0.7665	0.1911	0.1120	0.9004
1.625	1.0080	0.8524	0.7681	0.1710	0.1083	0.8995
1.650	0.9836	0.8456	0.7767	0.1555	0.1053	0.8986
1.675	0.9704	0.8319	0.7864	0.1433	0.1030	0.8977
1.700	0.9926	0.8252	0.8007	0.1337	0.1011	0.8968
1.725	0.9337	0.8242	0.8173	0.1259	0.0996	0.8959
1.750	0.9296	0.8184	0.8379	0.1196	0.0984	0.8951
1.775	0.8843	0.8212	0.8608	0.1143	0.0975	0.8943
1.800	0.9032	0.8205	0.8866	0.1100	0.0969	0.8937
1.825	0.8903	0.8222	0.9137	0.1064	0.0964	0.8931
1.850	0.8756	0.8249	0.9417	0.1034	0.0961	0.8927
1.875	0.8786	0.8307	0.9696	0.1009	0.0960	0.8925
1.900	0.8724	0.8374	0.9997	0.0988	0.0960	0.8924
1.925	0.8804	0.8479	1.0283	0.0970	0.0960	0.8924
1.950	0.8615	0.8572	1.0581	0.0956	0.0962	0.8926
1.975	0.8794	0.8625	1.0829	0.0943	0.0965	0.8929
2.000	0.8462	0.8795	1.1039	0.0933	0.0968	0.8934
2.025	0.8551	0.8863	1.1210	0.0925	0.0973	0.8939
2.050	0.8273	0.9069	1.1336	0.0917	0.0977	0.8945
2.075	0.8428	0.9181	1.1392	0.0911	0.0983	0.8952
2.100	0.8267	0.9341	1.1406	0.0906	0.0988	0.8958
2.125	0.8446	0.9512	1.1367	0.0902	0.0994	0.8964
2.150	0.8445	0.9628	1.1268	0.0899	0.1001	0.8970
2.175	0.8633	0.9809	1.1158	0.0898	0.1007	0.8976
2.200	0.8321	0.9979	1.1032	0.0896	0.1014	0.8981
2.225	0.8325	1.0125	1.0859	0.0896	0.1021	0.8986
2.250	0.8195	1.0297	1.0695	0.0895	0.1028	0.8990
2.275	0.8390	1.0454	1.0526	0.0895	0.1034	0.8993
2.300	0.8357	1.0585	1.0368	0.0895	0.1041	0.8996
2.325	0.8545	1.0718	1.0210	0.0896	0.1047	0.8998
2.350	0.8114	1.0857	1.0055	0.0897	0.1053	0.8999
2.375	0.8748	1.0955	0.9917	0.0899	0.1059	0.9001
2.400	0.8506	1.0980	0.9800	0.0902	0.1063	0.9001
2.425	0.8630	1.1002	0.9686	0.0904	0.1068	0.9002
2.450	0.8633	1.1051	0.9602	0.0907	0.1071	0.9002
2.475	0.8807	1.1020	0.9528	0.0909	0.1074	0.9001
2.500	0.9009	1.1016	0.9467	0.0913	0.1075	0.9000
2.525	0.8653	1.0960	0.9434	0.0916	0.1076	0.8999

2.550	0.8914	1.0895	0.9432	0.0920	0.1076	0.8998
2.575	0.9043	1.0832	0.9420	0.0923	0.1076	0.8997
2.600	0.9056	1.0736	0.9430	0.0927	0.1074	0.8996
2.625	0.9406	1.0625	0.9452	0.0931	0.1072	0.8995
2.650	0.9355	1.0584	0.9481	0.0936	0.1068	0.8993
2.675	0.9442	1.0456	0.9531	0.0940	0.1065	0.8992
2.700	0.9558	1.0338	0.9584	0.0945	0.1061	0.8991
2.725	0.9578	1.0256	0.9643	0.0950	0.1056	0.8990
2.750	0.9561	1.0169	0.9715	0.0954	0.1052	0.8989
2.775	0.9765	1.0082	0.9785	0.0959	0.1047	0.8988
2.800	0.9990	1.0033	0.9854	0.0963	0.1042	0.8988
2.825	0.9912	0.9960	0.9922	0.0968	0.1037	0.8987
2.850	1.0019	0.9897	0.9995	0.0973	0.1033	0.8987
2.875	0.9925	0.9813	1.0063	0.0977	0.1028	0.8987
2.900	1.0102	0.9776	1.0110	0.0981	0.1024	0.8987
2.925	1.0299	0.9719	1.0165	0.0986	0.1020	0.8987
2.950	1.0480	0.9694	1.0211	0.0990	0.1017	0.8988
2.975	1.0585	0.9649	1.0242	0.0995	0.1013	0.8988
3.000	1.0737	0.9643	1.0283	0.1000	0.1010	0.8989
3.025	1.0596	0.9617	1.0303	0.1004	0.1008	0.8990
3.050	1.0695	0.9584	1.0308	0.1008	0.1006	0.8991
3.075	1.0720	0.9588	1.0313	0.1011	0.1004	0.8992
3.100	1.0951	0.9605	1.0303	0.1015	0.1002	0.8993
3.125	1.1056	0.9594	1.0286	0.1019	0.1001	0.8994
3.150	1.0884	0.9591	1.0266	0.1022	0.1000	0.8995
3.175	1.0926	0.9612	1.0237	0.1025	0.0999	0.8995
3.200	1.1031	0.9625	1.0203	0.1027	0.0999	0.8996
3.225	1.0972	0.9634	1.0168	0.1030	0.0998	0.8996
3.250	1.0847	0.9679	1.0137	0.1032	0.0998	0.8997
3.275	1.0660	0.9704	1.0101	0.1033	0.0999	0.8997
3.300	1.0774	0.9758	1.0061	0.1034	0.0999	0.8997
3.325	1.0699	0.9767	1.0026	0.1035	0.0999	0.8998
3.350	1.0597	0.9794	0.9995	0.1035	0.1000	0.8998
3.375	1.0513	0.9873	0.9964	0.1035	0.1001	0.8998
3.400	1.0597	0.9879	0.9937	0.1034	0.1002	0.8998
3.425	1.0394	0.9918	0.9907	0.1033	0.1002	0.8998
3.450	1.0468	0.9978	0.9886	0.1032	0.1003	0.8998
3.475	1.0112	1.0010	0.9874	0.1031	0.1004	0.8997
3.500	1.0272	1.0036	0.9864	0.1029	0.1005	0.8997
3.525	1.0294	1.0057	0.9857	0.1027	0.1006	0.8997
3.550	1.0259	1.0107	0.9859	0.1025	0.1007	0.8997
3.575	1.0171	1.0110	0.9860	0.1023	0.1008	0.8997
3.600	1.0043	1.0134	0.9864	0.1021	0.1009	0.8997
3.625	1.0180	1.0157	0.9876	0.1019	0.1010	0.8996
3.650	1.0098	1.0176	0.9881	0.1017	0.1011	0.8996
3.675	1.0118	1.0162	0.9901	0.1015	0.1011	0.8996
3.700	1.0036	1.0179	0.9918	0.1013	0.1012	0.8996
3.725	1.0031	1.0211	0.9926	0.1011	0.1012	0.8996
3.750	0.9953	1.0215	0.9953	0.1008	0.1013	0.8996
3.775	0.9912	1.0196	0.9976	0.1006	0.1013	0.8996
3.800	0.9820	1.0216	0.9987	0.1004	0.1013	0.8996
3.825	0.9982	1.0198	1.0003	0.1002	0.1013	0.8996
3.850	0.9750	1.0198	1.0025	0.1000	0.1013	0.8996
3.875	0.9709	1.0167	1.0039	0.0999	0.1013	0.8997
3.900	0.9795	1.0157	1.0051	0.0997	0.1013	0.8997
3.925	0.9876	1.0150	1.0062	0.0995	0.1012	0.8997
3.950	0.9696	1.0125	1.0070	0.0994	0.1012	0.8997
3.975	0.9737	1.0108	1.0077	0.0993	0.1011	0.8997
4.000	1.0000	1.0000	1.0000	0.0992	0.1011	0.8998

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.110 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0053	0.0008	0.0000	1.0000	1.0000	0.0000
0.875	0.0570	0.0147	0.0023	1.0000	1.0000	0.0002
0.900	0.2167	0.0927	0.0296	1.0000	1.0000	0.0034
0.925	0.5150	0.3151	0.1600	1.0000	1.0000	0.0228
0.950	0.9091	0.6986	0.4785	1.0000	1.0000	0.0820
0.975	1.3042	1.1603	0.9567	1.0000	1.0000	0.1877
1.000	1.5793	1.5820	1.4572	1.0000	1.0000	0.3133
1.025	1.8509	1.8877	1.8521	1.0000	1.0000	0.4273
1.050	1.9634	2.0549	2.0693	1.0000	1.0000	0.5164
1.075	2.0361	2.1107	2.1395	1.0000	1.0000	0.5815
1.100	2.0009	2.0966	2.1051	1.0000	1.0000	0.6284
1.125	1.9889	2.0144	2.0015	1.0000	1.0000	0.6622
1.150	1.8797	1.9309	1.8656	1.0000	1.0000	0.6867
1.175	1.8277	1.8232	1.7259	1.0000	0.9995	0.7048
1.200	1.7606	1.7129	1.5880	1.0000	0.9966	0.7183
1.225	1.6397	1.6152	1.4584	1.0000	0.9848	0.7284
1.250	1.5987	1.5236	1.3462	1.0000	0.9538	0.7360
1.275	1.5291	1.4305	1.2497	0.9999	0.8954	0.7417
1.300	1.4732	1.3495	1.1615	0.9994	0.8123	0.7459
1.325	1.4141	1.2844	1.0918	0.9967	0.7180	0.7490
1.350	1.3526	1.2186	1.0272	0.9881	0.6270	0.7512
1.375	1.3087	1.1675	0.9778	0.9674	0.5479	0.7527
1.400	1.2514	1.1156	0.9346	0.9286	0.4836	0.7536
1.425	1.2304	1.0704	0.8995	0.8704	0.4329	0.7540
1.450	1.1925	1.0338	0.8733	0.7973	0.3931	0.7540
1.475	1.1511	1.0059	0.8501	0.7183	0.3621	0.7537
1.500	1.1301	0.9748	0.8336	0.6416	0.3378	0.7532
1.525	1.0884	0.9513	0.8199	0.5726	0.3187	0.7524
1.550	1.0710	0.9284	0.8126	0.5136	0.3035	0.7514
1.575	1.0429	0.9100	0.8081	0.4644	0.2914	0.7503
1.600	1.0358	0.8963	0.8081	0.4242	0.2817	0.7491
1.625	1.0152	0.8821	0.8079	0.3913	0.2739	0.7478
1.650	0.9768	0.8714	0.8123	0.3643	0.2676	0.7465
1.675	0.9654	0.8638	0.8192	0.3421	0.2625	0.7450
1.700	0.9595	0.8578	0.8277	0.3240	0.2583	0.7436
1.725	0.9338	0.8525	0.8390	0.3088	0.2550	0.7421
1.750	0.9177	0.8479	0.8556	0.2961	0.2524	0.7408
1.775	0.9061	0.8478	0.8700	0.2855	0.2504	0.7395
1.800	0.9205	0.8455	0.8908	0.2766	0.2488	0.7383
1.825	0.8901	0.8509	0.9116	0.2691	0.2476	0.7373
1.850	0.8895	0.8499	0.9329	0.2627	0.2468	0.7366
1.875	0.8970	0.8552	0.9560	0.2573	0.2463	0.7360
1.900	0.8809	0.8623	0.9814	0.2527	0.2460	0.7357
1.925	0.8761	0.8657	1.0049	0.2488	0.2460	0.7357
1.950	0.8677	0.8723	1.0299	0.2454	0.2461	0.7359
1.975	0.8823	0.8821	1.0541	0.2427	0.2464	0.7364
2.000	0.8586	0.8888	1.0714	0.2403	0.2468	0.7370
2.025	0.8600	0.8967	1.0893	0.2382	0.2474	0.7378
2.050	0.8660	0.9075	1.1013	0.2365	0.2481	0.7388
2.075	0.8543	0.9204	1.1086	0.2351	0.2488	0.7398
2.100	0.8659	0.9307	1.1131	0.2340	0.2497	0.7408
2.125	0.8593	0.9435	1.1097	0.2330	0.2506	0.7419
2.150	0.8627	0.9556	1.1051	0.2323	0.2515	0.7429
2.175	0.8582	0.9709	1.0978	0.2318	0.2525	0.7439
2.200	0.8589	0.9816	1.0910	0.2314	0.2535	0.7449
2.225	0.8650	1.0001	1.0783	0.2311	0.2546	0.7457
2.250	0.8748	1.0110	1.0649	0.2310	0.2557	0.7465
2.275	0.8626	1.0274	1.0515	0.2310	0.2568	0.7471
2.300	0.8662	1.0404	1.0398	0.2310	0.2579	0.7476
2.325	0.8732	1.0523	1.0259	0.2312	0.2589	0.7481
2.350	0.8854	1.0605	1.0129	0.2315	0.2599	0.7485
2.375	0.8769	1.0689	1.0037	0.2318	0.2608	0.7487
2.400	0.8802	1.0777	0.9930	0.2322	0.2617	0.7489
2.425	0.8798	1.0806	0.9842	0.2326	0.2624	0.7491
2.450	0.8937	1.0847	0.9763	0.2330	0.2631	0.7491
2.475	0.8953	1.0833	0.9703	0.2336	0.2636	0.7491
2.500	0.8942	1.0816	0.9662	0.2342	0.2640	0.7491
2.525	0.8961	1.0786	0.9627	0.2347	0.2642	0.7490

2.550	0.9217	1.0757	0.9602	0.2354	0.2643	0.7489
2.575	0.9104	1.0699	0.9602	0.2361	0.2643	0.7488
2.600	0.9156	1.0646	0.9599	0.2367	0.2641	0.7486
2.625	0.9356	1.0597	0.9605	0.2375	0.2638	0.7484
2.650	0.9416	1.0500	0.9631	0.2383	0.2633	0.7483
2.675	0.9450	1.0459	0.9647	0.2390	0.2628	0.7481
2.700	0.9625	1.0358	0.9678	0.2399	0.2622	0.7480
2.725	0.9568	1.0312	0.9715	0.2407	0.2615	0.7478
2.750	0.9646	1.0210	0.9758	0.2415	0.2607	0.7477
2.775	0.9700	1.0175	0.9800	0.2423	0.2600	0.7476
2.800	0.9816	1.0102	0.9851	0.2431	0.2592	0.7475
2.825	0.9909	1.0030	0.9896	0.2440	0.2584	0.7474
2.850	0.9972	0.9996	0.9956	0.2448	0.2576	0.7474
2.875	0.9961	0.9912	1.0008	0.2456	0.2568	0.7473
2.900	1.0120	0.9887	1.0040	0.2464	0.2561	0.7474
2.925	1.0191	0.9827	1.0084	0.2472	0.2554	0.7474
2.950	1.0195	0.9785	1.0109	0.2479	0.2547	0.7474
2.975	1.0342	0.9770	1.0147	0.2487	0.2541	0.7475
3.000	1.0396	0.9749	1.0179	0.2495	0.2535	0.7476
3.025	1.0424	0.9742	1.0184	0.2502	0.2531	0.7478
3.050	1.0502	0.9713	1.0211	0.2509	0.2526	0.7479
3.075	1.0564	0.9703	1.0205	0.2516	0.2522	0.7481
3.100	1.0544	0.9714	1.0216	0.2522	0.2519	0.7482
3.125	1.0555	0.9687	1.0209	0.2528	0.2516	0.7484
3.150	1.0586	0.9698	1.0186	0.2533	0.2514	0.7485
3.175	1.0636	0.9712	1.0177	0.2538	0.2512	0.7486
3.200	1.0502	0.9713	1.0171	0.2542	0.2511	0.7487
3.225	1.0557	0.9733	1.0159	0.2546	0.2510	0.7488
3.250	1.0576	0.9737	1.0125	0.2549	0.2509	0.7489
3.275	1.0502	0.9776	1.0106	0.2552	0.2509	0.7490
3.300	1.0601	0.9815	1.0078	0.2554	0.2509	0.7490
3.325	1.0601	0.9799	1.0059	0.2556	0.2509	0.7491
3.350	1.0394	0.9818	1.0035	0.2557	0.2510	0.7491
3.375	1.0414	0.9848	1.0019	0.2557	0.2510	0.7492
3.400	1.0441	0.9875	0.9993	0.2557	0.2511	0.7492
3.425	1.0340	0.9909	0.9971	0.2556	0.2512	0.7492
3.450	1.0283	0.9936	0.9956	0.2554	0.2513	0.7492
3.475	1.0425	0.9967	0.9948	0.2553	0.2514	0.7492
3.500	1.0319	0.9976	0.9941	0.2551	0.2516	0.7492
3.525	1.0368	1.0000	0.9920	0.2549	0.2517	0.7492
3.550	1.0314	1.0034	0.9919	0.2546	0.2518	0.7492
3.575	1.0184	1.0050	0.9923	0.2544	0.2519	0.7492
3.600	1.0193	1.0081	0.9924	0.2540	0.2520	0.7491
3.625	1.0154	1.0090	0.9928	0.2537	0.2521	0.7491
3.650	1.0115	1.0115	0.9938	0.2534	0.2522	0.7491
3.675	1.0074	1.0122	0.9937	0.2530	0.2523	0.7491
3.700	1.0025	1.0129	0.9946	0.2526	0.2524	0.7491
3.725	0.9988	1.0158	0.9945	0.2523	0.2525	0.7491
3.750	0.9940	1.0160	0.9968	0.2519	0.2526	0.7491
3.775	0.9942	1.0160	0.9973	0.2515	0.2526	0.7491
3.800	0.9842	1.0143	0.9981	0.2512	0.2526	0.7491
3.825	0.9900	1.0154	0.9997	0.2508	0.2527	0.7491
3.850	0.9900	1.0152	1.0003	0.2505	0.2527	0.7492
3.875	0.9815	1.0142	1.0018	0.2502	0.2526	0.7492
3.900	0.9859	1.0118	1.0026	0.2499	0.2526	0.7492
3.925	0.9769	1.0107	1.0032	0.2496	0.2526	0.7492
3.950	0.9792	1.0085	1.0045	0.2493	0.2525	0.7493
3.975	0.9814	1.0085	1.0050	0.2491	0.2524	0.7493
4.000	1.0000	1.0000	1.0000	0.2489	0.2524	0.7493

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.143 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0058	0.0009	0.0000	1.0000	1.0000	0.0000
0.875	0.0534	0.0138	0.0021	1.0000	1.0000	0.0001
0.900	0.1999	0.0865	0.0268	1.0000	1.0000	0.0011
0.925	0.4888	0.3012	0.1449	1.0000	1.0000	0.0072
0.950	0.8700	0.6666	0.4377	1.0000	1.0000	0.0273
0.975	1.2436	1.1075	0.8776	1.0000	1.0000	0.0678
1.000	1.5625	1.5143	1.3405	1.0000	1.0000	0.1257
1.025	1.7589	1.8090	1.7016	1.0000	1.0000	0.1902
1.050	1.8792	1.9739	1.9265	1.0000	1.0000	0.2518
1.075	1.9097	2.0357	1.9989	1.0000	1.0000	0.3050
1.100	1.9086	2.0172	1.9783	1.0000	1.0000	0.3485
1.125	1.8633	1.9629	1.8939	1.0000	1.0000	0.3830
1.150	1.8203	1.8681	1.7821	1.0000	1.0000	0.4102
1.175	1.7581	1.7728	1.6552	1.0000	0.9998	0.4313
1.200	1.6711	1.6694	1.5296	1.0000	0.9989	0.4476
1.225	1.5987	1.5739	1.4193	1.0000	0.9952	0.4602
1.250	1.5434	1.4787	1.3144	1.0000	0.9851	0.4698
1.275	1.4816	1.4076	1.2326	1.0000	0.9646	0.4771
1.300	1.4287	1.3293	1.1560	0.9998	0.9322	0.4828
1.325	1.3668	1.2648	1.0941	0.9989	0.8899	0.4870
1.350	1.3179	1.2087	1.0424	0.9961	0.8421	0.4901
1.375	1.2739	1.1568	0.9960	0.9891	0.7938	0.4923
1.400	1.2388	1.1103	0.9639	0.9753	0.7482	0.4939
1.425	1.1904	1.0731	0.9370	0.9532	0.7073	0.4949
1.450	1.1701	1.0399	0.9200	0.9227	0.6721	0.4956
1.475	1.1413	1.0115	0.9027	0.8855	0.6421	0.4959
1.500	1.1058	0.9837	0.8958	0.8446	0.6170	0.4960
1.525	1.0767	0.9639	0.8847	0.8026	0.5960	0.4959
1.550	1.0564	0.9473	0.8798	0.7622	0.5786	0.4956
1.575	1.0315	0.9335	0.8780	0.7247	0.5642	0.4951
1.600	1.0152	0.9264	0.8750	0.6910	0.5524	0.4946
1.625	1.0069	0.9174	0.8753	0.6611	0.5427	0.4939
1.650	0.9827	0.9148	0.8770	0.6350	0.5347	0.4931
1.675	0.9722	0.9057	0.8743	0.6124	0.5282	0.4922
1.700	0.9618	0.9022	0.8800	0.5927	0.5229	0.4911
1.725	0.9568	0.8974	0.8846	0.5759	0.5185	0.4901
1.750	0.9431	0.8953	0.8909	0.5614	0.5150	0.4890
1.775	0.9393	0.8972	0.8988	0.5489	0.5122	0.4879
1.800	0.9217	0.8940	0.9081	0.5382	0.5099	0.4869
1.825	0.9213	0.8908	0.9226	0.5290	0.5082	0.4860
1.850	0.9179	0.8930	0.9374	0.5210	0.5068	0.4853
1.875	0.9084	0.8932	0.9503	0.5143	0.5058	0.4848
1.900	0.9069	0.8929	0.9692	0.5084	0.5051	0.4844
1.925	0.9036	0.8979	0.9838	0.5034	0.5046	0.4843
1.950	0.8980	0.9008	1.0019	0.4990	0.5042	0.4844
1.975	0.8987	0.9043	1.0206	0.4954	0.5040	0.4848
2.000	0.9020	0.9099	1.0370	0.4923	0.5040	0.4853
2.025	0.8989	0.9167	1.0460	0.4897	0.5041	0.4860
2.050	0.8978	0.9231	1.0580	0.4875	0.5043	0.4868
2.075	0.8950	0.9273	1.0644	0.4857	0.5045	0.4877
2.100	0.8940	0.9350	1.0683	0.4843	0.5049	0.4886
2.125	0.8943	0.9446	1.0734	0.4831	0.5053	0.4896
2.150	0.8926	0.9523	1.0684	0.4821	0.5058	0.4906
2.175	0.8936	0.9639	1.0665	0.4814	0.5063	0.4915
2.200	0.8861	0.9724	1.0607	0.4808	0.5069	0.4924
2.225	0.8961	0.9831	1.0543	0.4804	0.5076	0.4932
2.250	0.9011	0.9952	1.0476	0.4803	0.5083	0.4940
2.275	0.8894	1.0063	1.0386	0.4802	0.5091	0.4946
2.300	0.9014	1.0161	1.0308	0.4803	0.5099	0.4952
2.325	0.9003	1.0262	1.0240	0.4804	0.5107	0.4957
2.350	0.8988	1.0342	1.0161	0.4807	0.5115	0.4961
2.375	0.9015	1.0417	1.0089	0.4809	0.5123	0.4965
2.400	0.9084	1.0471	1.0028	0.4813	0.5131	0.4967
2.425	0.9087	1.0527	1.0001	0.4817	0.5137	0.4970
2.450	0.9092	1.0545	0.9976	0.4822	0.5143	0.4972
2.475	0.9155	1.0556	0.9917	0.4826	0.5148	0.4973
2.500	0.9145	1.0542	0.9898	0.4831	0.5152	0.4974
2.525	0.9217	1.0539	0.9839	0.4837	0.5155	0.4975

2.550	0.9195	1.0507	0.9831	0.4842	0.5156	0.4975
2.575	0.9228	1.0482	0.9815	0.4848	0.5157	0.4975
2.600	0.9339	1.0452	0.9826	0.4854	0.5156	0.4975
2.625	0.9364	1.0401	0.9801	0.4861	0.5154	0.4974
2.650	0.9418	1.0361	0.9803	0.4868	0.5150	0.4974
2.675	0.9494	1.0311	0.9835	0.4875	0.5145	0.4973
2.700	0.9510	1.0263	0.9838	0.4882	0.5140	0.4973
2.725	0.9584	1.0214	0.9848	0.4889	0.5134	0.4972
2.750	0.9604	1.0190	0.9865	0.4897	0.5128	0.4972
2.775	0.9722	1.0130	0.9884	0.4904	0.5121	0.4971
2.800	0.9767	1.0120	0.9898	0.4912	0.5114	0.4971
2.825	0.9843	1.0044	0.9919	0.4920	0.5106	0.4971
2.850	0.9921	1.0042	0.9946	0.4929	0.5099	0.4970
2.875	0.9981	1.0007	0.9952	0.4937	0.5092	0.4971
2.900	1.0026	0.9964	0.9985	0.4946	0.5085	0.4971
2.925	1.0086	0.9955	1.0019	0.4954	0.5078	0.4971
2.950	1.0183	0.9926	1.0019	0.4962	0.5072	0.4972
2.975	1.0177	0.9904	1.0047	0.4971	0.5066	0.4972
3.000	1.0263	0.9888	1.0066	0.4979	0.5060	0.4973
3.025	1.0295	0.9863	1.0081	0.4987	0.5055	0.4974
3.050	1.0392	0.9878	1.0099	0.4994	0.5051	0.4975
3.075	1.0382	0.9844	1.0100	0.5002	0.5047	0.4976
3.100	1.0420	0.9838	1.0110	0.5009	0.5043	0.4978
3.125	1.0438	0.9837	1.0101	0.5016	0.5040	0.4979
3.150	1.0410	0.9849	1.0110	0.5022	0.5037	0.4980
3.175	1.0434	0.9834	1.0123	0.5028	0.5035	0.4981
3.200	1.0459	0.9843	1.0108	0.5033	0.5033	0.4982
3.225	1.0456	0.9838	1.0105	0.5038	0.5031	0.4983
3.250	1.0440	0.9859	1.0079	0.5042	0.5029	0.4984
3.275	1.0437	0.9872	1.0075	0.5046	0.5028	0.4985
3.300	1.0431	0.9869	1.0069	0.5049	0.5027	0.4986
3.325	1.0414	0.9876	1.0054	0.5052	0.5026	0.4986
3.350	1.0434	0.9903	1.0048	0.5054	0.5026	0.4987
3.375	1.0367	0.9898	1.0045	0.5056	0.5025	0.4988
3.400	1.0351	0.9924	1.0025	0.5056	0.5025	0.4988
3.425	1.0316	0.9927	1.0011	0.5057	0.5025	0.4988
3.450	1.0361	0.9948	1.0022	0.5056	0.5025	0.4989
3.475	1.0299	0.9961	0.9996	0.5056	0.5025	0.4989
3.500	1.0271	0.9964	0.9994	0.5055	0.5026	0.4989
3.525	1.0231	0.9988	0.9993	0.5053	0.5026	0.4989
3.550	1.0236	1.0006	0.9982	0.5051	0.5027	0.4990
3.575	1.0196	1.0005	0.9984	0.5049	0.5027	0.4990
3.600	1.0168	1.0021	0.9980	0.5047	0.5027	0.4990
3.625	1.0131	1.0041	0.9984	0.5044	0.5028	0.4990
3.650	1.0121	1.0050	0.9998	0.5041	0.5028	0.4990
3.675	1.0129	1.0059	0.9988	0.5038	0.5029	0.4990
3.700	1.0107	1.0055	0.9991	0.5035	0.5029	0.4990
3.725	1.0072	1.0061	0.9999	0.5032	0.5029	0.4991
3.750	1.0060	1.0056	0.9997	0.5029	0.5029	0.4991
3.775	1.0008	1.0066	1.0007	0.5026	0.5030	0.4991
3.800	1.0013	1.0054	0.9995	0.5023	0.5030	0.4991
3.825	0.9982	1.0063	1.0009	0.5020	0.5029	0.4991
3.850	0.9993	1.0055	1.0007	0.5017	0.5029	0.4992
3.875	1.0005	1.0061	1.0007	0.5014	0.5029	0.4992
3.900	0.9954	1.0057	1.0020	0.5011	0.5029	0.4992
3.925	0.9939	1.0058	1.0013	0.5009	0.5029	0.4992
3.950	0.9933	1.0063	1.0011	0.5006	0.5028	0.4992
3.975	0.9927	1.0066	1.0032	0.5004	0.5028	0.4993
4.000	1.0000	1.0000	1.0000	0.5002	0.5027	0.4993

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11} = 2.00 ρ^*= 0.174 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$ = 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0057	0.0006	0.0000	1.0000	1.0000	0.0000
0.875	0.0441	0.0111	0.0011	1.0000	1.0000	0.0000
0.900	0.1689	0.0713	0.0192	1.0000	1.0000	0.0003
0.925	0.4129	0.2415	0.1023	1.0000	1.0000	0.0019
0.950	0.7352	0.5486	0.3246	1.0000	1.0000	0.0075
0.975	1.0567	0.9193	0.6607	1.0000	1.0000	0.0196
1.000	1.3333	1.2654	1.0453	1.0000	1.0000	0.0384
1.025	1.5304	1.5340	1.3583	1.0000	1.0000	0.0621
1.050	1.6511	1.6965	1.5658	1.0000	1.0000	0.0873
1.075	1.7086	1.7742	1.6834	1.0000	1.0000	0.1118
1.100	1.7064	1.7860	1.6934	1.0000	1.0000	0.1340
1.125	1.6891	1.7490	1.6578	1.0000	1.0000	0.1531
1.150	1.6383	1.6897	1.5961	1.0000	1.0000	0.1692
1.175	1.5970	1.6222	1.5150	1.0000	1.0000	0.1826
1.200	1.5453	1.5467	1.4311	1.0000	0.9997	0.1935
1.225	1.4882	1.4697	1.3490	1.0000	0.9987	0.2023
1.250	1.4450	1.4079	1.2727	1.0000	0.9960	0.2092
1.275	1.3853	1.3392	1.2118	1.0000	0.9901	0.2148
1.300	1.3484	1.2858	1.1585	0.9999	0.9804	0.2193
1.325	1.3038	1.2360	1.1102	0.9997	0.9669	0.2228
1.350	1.2614	1.1932	1.0755	0.9988	0.9501	0.2256
1.375	1.2333	1.1520	1.0480	0.9967	0.9317	0.2279
1.400	1.1950	1.1193	1.0268	0.9926	0.9127	0.2298
1.425	1.1700	1.0867	1.0119	0.9857	0.8942	0.2314
1.450	1.1392	1.0671	0.9992	0.9758	0.8767	0.2328
1.475	1.1201	1.0439	0.9958	0.9631	0.8609	0.2341
1.500	1.0976	1.0282	0.9908	0.9482	0.8469	0.2352
1.525	1.0754	1.0143	0.9863	0.9319	0.8345	0.2362
1.550	1.0591	1.0009	0.9914	0.9150	0.8238	0.2372
1.575	1.0458	0.9946	0.9885	0.8982	0.8145	0.2381
1.600	1.0308	0.9847	0.9862	0.8820	0.8065	0.2388
1.625	1.0213	0.9857	0.9866	0.8669	0.7997	0.2396
1.650	1.0037	0.9827	0.9776	0.8528	0.7940	0.2401
1.675	0.9969	0.9808	0.9723	0.8400	0.7893	0.2406
1.700	0.9905	0.9768	0.9726	0.8285	0.7852	0.2410
1.725	0.9767	0.9768	0.9713	0.8182	0.7818	0.2412
1.750	0.9771	0.9757	0.9722	0.8089	0.7789	0.2415
1.775	0.9706	0.9736	0.9664	0.8008	0.7765	0.2416
1.800	0.9649	0.9702	0.9675	0.7935	0.7744	0.2417
1.825	0.9616	0.9682	0.9653	0.7872	0.7726	0.2417
1.850	0.9590	0.9682	0.9668	0.7816	0.7711	0.2417
1.875	0.9603	0.9634	0.9717	0.7767	0.7698	0.2417
1.900	0.9594	0.9607	0.9737	0.7724	0.7686	0.2418
1.925	0.9556	0.9596	0.9804	0.7687	0.7675	0.2418
1.950	0.9555	0.9586	0.9908	0.7655	0.7665	0.2419
1.975	0.9577	0.9568	0.9937	0.7627	0.7656	0.2421
2.000	0.9554	0.9567	0.9983	0.7602	0.7648	0.2423
2.025	0.9591	0.9551	1.0044	0.7581	0.7640	0.2426
2.050	0.9556	0.9567	1.0105	0.7563	0.7633	0.2428
2.075	0.9561	0.9589	1.0175	0.7547	0.7626	0.2432
2.100	0.9564	0.9599	1.0185	0.7534	0.7619	0.2435
2.125	0.9570	0.9618	1.0254	0.7523	0.7613	0.2438
2.150	0.9582	0.9639	1.0238	0.7514	0.7608	0.2442
2.175	0.9551	0.9678	1.0246	0.7506	0.7603	0.2445
2.200	0.9545	0.9703	1.0203	0.7499	0.7599	0.2448
2.225	0.9567	0.9746	1.0213	0.7493	0.7595	0.2451
2.250	0.9546	0.9785	1.0197	0.7489	0.7592	0.2454
2.275	0.9576	0.9839	1.0187	0.7485	0.7590	0.2457
2.300	0.9543	0.9881	1.0159	0.7482	0.7588	0.2459
2.325	0.9556	0.9915	1.0149	0.7480	0.7586	0.2461
2.350	0.9524	0.9974	1.0110	0.7477	0.7585	0.2463
2.375	0.9536	0.9989	1.0059	0.7476	0.7584	0.2465
2.400	0.9491	1.0038	1.0066	0.7474	0.7583	0.2466
2.425	0.9557	1.0075	1.0048	0.7473	0.7583	0.2468
2.450	0.9550	1.0096	0.9995	0.7472	0.7583	0.2469
2.475	0.9550	1.0112	1.0028	0.7471	0.7583	0.2470
2.500	0.9565	1.0120	0.9985	0.7471	0.7583	0.2471
2.525	0.9553	1.0112	0.9981	0.7470	0.7582	0.2472

2.550	0.9565	1.0144	0.9965	0.7470	0.7582	0.2473
2.575	0.9569	1.0138	1.0010	0.7470	0.7582	0.2473
2.600	0.9572	1.0119	0.9960	0.7469	0.7581	0.2474
2.625	0.9606	1.0117	0.9982	0.7469	0.7579	0.2475
2.650	0.9614	1.0090	1.0014	0.7469	0.7578	0.2475
2.675	0.9654	1.0095	0.9993	0.7470	0.7576	0.2476
2.700	0.9654	1.0080	0.9995	0.7470	0.7574	0.2477
2.725	0.9666	1.0065	1.0010	0.7471	0.7572	0.2477
2.750	0.9718	1.0058	0.9987	0.7472	0.7570	0.2478
2.775	0.9727	1.0064	1.0004	0.7473	0.7568	0.2478
2.800	0.9769	1.0043	0.9978	0.7474	0.7565	0.2479
2.825	0.9790	1.0046	0.9982	0.7475	0.7563	0.2479
2.850	0.9820	1.0044	0.9993	0.7477	0.7560	0.2480
2.875	0.9843	1.0045	0.9983	0.7478	0.7557	0.2480
2.900	0.9893	1.0044	1.0020	0.7480	0.7555	0.2481
2.925	0.9918	1.0016	1.0021	0.7482	0.7552	0.2481
2.950	0.9932	1.0013	1.0034	0.7485	0.7550	0.2482
2.975	0.9969	0.9994	1.0026	0.7487	0.7548	0.2482
3.000	0.9984	1.0015	1.0038	0.7489	0.7546	0.2483
3.025	1.0033	1.0025	1.0018	0.7491	0.7544	0.2483
3.050	1.0047	1.0013	1.0044	0.7494	0.7542	0.2484
3.075	1.0073	1.0016	1.0055	0.7496	0.7540	0.2484
3.100	1.0095	1.0011	1.0057	0.7499	0.7539	0.2485
3.125	1.0106	0.9996	1.0060	0.7501	0.7537	0.2486
3.150	1.0128	0.9991	1.0049	0.7503	0.7536	0.2486
3.175	1.0143	1.0010	1.0051	0.7506	0.7535	0.2487
3.200	1.0152	1.0013	1.0044	0.7508	0.7534	0.2487
3.225	1.0151	0.9985	1.0039	0.7510	0.7532	0.2488
3.250	1.0142	0.9997	1.0025	0.7512	0.7532	0.2488
3.275	1.0165	0.9994	1.0038	0.7514	0.7531	0.2489
3.300	1.0150	0.9986	1.0034	0.7515	0.7530	0.2489
3.325	1.0160	0.9995	1.0031	0.7517	0.7529	0.2489
3.350	1.0173	1.0012	1.0054	0.7518	0.7529	0.2490
3.375	1.0154	0.9987	1.0021	0.7520	0.7528	0.2490
3.400	1.0136	0.9989	1.0001	0.7521	0.7527	0.2490
3.425	1.0128	1.0002	1.0002	0.7521	0.7527	0.2491
3.450	1.0134	0.9989	1.0039	0.7522	0.7526	0.2491
3.475	1.0117	1.0006	1.0007	0.7522	0.7526	0.2491
3.500	1.0140	0.9995	1.0027	0.7523	0.7525	0.2491
3.525	1.0107	1.0005	1.0035	0.7523	0.7525	0.2492
3.550	1.0098	0.9996	1.0032	0.7523	0.7524	0.2492
3.575	1.0117	1.0002	1.0035	0.7523	0.7524	0.2492
3.600	1.0100	1.0010	0.9995	0.7523	0.7523	0.2493
3.625	1.0090	1.0013	1.0003	0.7522	0.7523	0.2493
3.650	1.0081	1.0004	1.0010	0.7522	0.7523	0.2493
3.675	1.0086	1.0008	1.0013	0.7522	0.7522	0.2493
3.700	1.0063	1.0012	1.0000	0.7521	0.7522	0.2493
3.725	1.0070	1.0010	1.0002	0.7520	0.7521	0.2493
3.750	1.0050	1.0024	1.0024	0.7520	0.7521	0.2494
3.775	1.0035	1.0006	1.0032	0.7519	0.7521	0.2494
3.800	1.0054	1.0007	1.0037	0.7518	0.7520	0.2494
3.825	1.0054	1.0006	1.0038	0.7518	0.7520	0.2494
3.850	1.0046	1.0009	1.0016	0.7517	0.7520	0.2495
3.875	1.0042	1.0017	1.0035	0.7516	0.7519	0.2495
3.900	1.0043	1.0028	1.0019	0.7516	0.7519	0.2495
3.925	1.0028	1.0011	1.0026	0.7515	0.7519	0.2495
3.950	1.0038	1.0012	1.0014	0.7515	0.7518	0.2495
3.975	1.0015	1.0020	1.0021	0.7514	0.7518	0.2495
4.000	1.0000	1.0000	1.0000	0.7514	0.7517	0.2496

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.176 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0046	0.0004	0.0000	1.0000	1.0000	0.0000
0.875	0.0363	0.0092	0.0016	1.0000	1.0000	0.0000
0.900	0.1411	0.0580	0.0151	1.0000	1.0000	0.0001
0.925	0.3491	0.2015	0.0839	1.0000	1.0000	0.0006
0.950	0.6239	0.4637	0.2739	1.0000	1.0000	0.0023
0.975	0.9168	0.7898	0.5672	1.0000	1.0000	0.0061
1.000	1.1640	1.0990	0.9019	1.0000	1.0000	0.0121
1.025	1.3375	1.3456	1.2117	1.0000	1.0000	0.0201
1.050	1.4614	1.5077	1.4167	1.0000	1.0000	0.0291
1.075	1.5187	1.5965	1.5282	1.0000	1.0000	0.0381
1.100	1.5360	1.6199	1.5762	1.0000	1.0000	0.0466
1.125	1.5242	1.5993	1.5678	1.0000	1.0000	0.0543
1.150	1.4997	1.5648	1.5150	1.0000	1.0000	0.0609
1.175	1.4605	1.5094	1.4693	1.0000	1.0000	0.0666
1.200	1.4224	1.4523	1.4139	1.0000	0.9999	0.0714
1.225	1.3791	1.3953	1.3447	1.0000	0.9996	0.0755
1.250	1.3387	1.3400	1.2967	1.0000	0.9988	0.0788
1.275	1.3013	1.2868	1.2445	1.0000	0.9970	0.0815
1.300	1.2658	1.2440	1.1948	1.0000	0.9939	0.0837
1.325	1.2351	1.2037	1.1591	0.9999	0.9896	0.0855
1.350	1.2036	1.1685	1.1269	0.9996	0.9841	0.0870
1.375	1.1771	1.1358	1.1013	0.9990	0.9777	0.0883
1.400	1.1515	1.1067	1.0949	0.9978	0.9709	0.0893
1.425	1.1306	1.0871	1.0868	0.9956	0.9642	0.0903
1.450	1.1067	1.0685	1.0850	0.9925	0.9576	0.0912
1.475	1.0890	1.0523	1.0790	0.9884	0.9514	0.0921
1.500	1.0766	1.0411	1.0694	0.9835	0.9457	0.0928
1.525	1.0589	1.0262	1.0686	0.9780	0.9406	0.0935
1.550	1.0433	1.0264	1.0646	0.9722	0.9361	0.0941
1.575	1.0322	1.0182	1.0671	0.9662	0.9321	0.0947
1.600	1.0198	1.0135	1.0795	0.9602	0.9286	0.0953
1.625	1.0150	1.0133	1.0743	0.9545	0.9255	0.0959
1.650	1.0094	1.0168	1.0672	0.9490	0.9228	0.0964
1.675	1.0026	1.0131	1.0498	0.9440	0.9205	0.0968
1.700	0.9979	1.0152	1.0478	0.9393	0.9185	0.0972
1.725	0.9901	1.0135	1.0403	0.9351	0.9168	0.0975
1.750	0.9862	1.0135	1.0387	0.9312	0.9153	0.0978
1.775	0.9845	1.0102	1.0466	0.9278	0.9141	0.0980
1.800	0.9850	1.0126	1.0406	0.9246	0.9130	0.0983
1.825	0.9799	1.0079	1.0301	0.9219	0.9120	0.0985
1.850	0.9815	1.0091	1.0207	0.9194	0.9112	0.0986
1.875	0.9778	1.0074	1.0233	0.9172	0.9104	0.0988
1.900	0.9800	1.0019	1.0217	0.9152	0.9097	0.0989
1.925	0.9838	1.0022	1.0247	0.9135	0.9090	0.0990
1.950	0.9837	0.9999	1.0107	0.9120	0.9084	0.0991
1.975	0.9849	0.9968	1.0188	0.9107	0.9078	0.0992
2.000	0.9847	0.9936	1.0199	0.9096	0.9072	0.0992
2.025	0.9849	0.9928	1.0229	0.9086	0.9067	0.0993
2.050	0.9893	0.9943	1.0245	0.9077	0.9062	0.0994
2.075	0.9877	0.9889	1.0286	0.9069	0.9057	0.0995
2.100	0.9903	0.9880	1.0246	0.9063	0.9053	0.0996
2.125	0.9891	0.9894	1.0227	0.9057	0.9048	0.0997
2.150	0.9906	0.9902	1.0300	0.9052	0.9044	0.0998
2.175	0.9897	0.9907	1.0279	0.9047	0.9040	0.0999
2.200	0.9918	0.9891	1.0263	0.9044	0.9036	0.0999
2.225	0.9906	0.9912	1.0208	0.9040	0.9033	0.1000
2.250	0.9902	0.9913	1.0163	0.9037	0.9030	0.1001
2.275	0.9880	0.9925	1.0156	0.9035	0.9027	0.1001
2.300	0.9897	0.9935	1.0169	0.9033	0.9025	0.1001
2.325	0.9885	0.9957	1.0135	0.9030	0.9023	0.1002
2.350	0.9887	0.9963	1.0120	0.9028	0.9021	0.1002
2.375	0.9870	0.9984	1.0075	0.9027	0.9019	0.1002
2.400	0.9861	0.9987	1.0103	0.9025	0.9017	0.1002
2.425	0.9872	0.9975	1.0054	0.9024	0.9015	0.1002
2.450	0.9851	1.0013	1.0060	0.9022	0.9014	0.1002
2.475	0.9863	1.0004	1.0049	0.9021	0.9013	0.1002
2.500	0.9870	1.0000	1.0049	0.9019	0.9012	0.1002
2.525	0.9848	1.0003	1.0074	0.9018	0.9011	0.1002

2.550	0.9855	1.0012	1.0004	0.9017	0.9011	0.1002
2.575	0.9860	1.0024	1.0069	0.9016	0.9010	0.1002
2.600	0.9857	1.0021	1.0064	0.9015	0.9009	0.1002
2.625	0.9856	1.0023	1.0043	0.9013	0.9009	0.1002
2.650	0.9846	1.0003	0.9978	0.9012	0.9008	0.1002
2.675	0.9863	1.0031	1.0002	0.9011	0.9007	0.1002
2.700	0.9886	1.0039	1.0116	0.9011	0.9007	0.1002
2.725	0.9872	1.0032	1.0005	0.9010	0.9006	0.1002
2.750	0.9857	1.0016	0.9999	0.9009	0.9005	0.1002
2.775	0.9856	0.9998	1.0041	0.9008	0.9005	0.1002
2.800	0.9875	0.9998	1.0019	0.9007	0.9004	0.1002
2.825	0.9897	1.0021	1.0044	0.9007	0.9003	0.1002
2.850	0.9884	1.0012	1.0053	0.9006	0.9003	0.1002
2.875	0.9924	1.0022	1.0045	0.9006	0.9002	0.1002
2.900	0.9909	1.0021	1.0045	0.9006	0.9001	0.1002
2.925	0.9922	0.9988	1.0037	0.9005	0.9001	0.1002
2.950	0.9956	1.0004	1.0000	0.9005	0.9000	0.1002
2.975	0.9959	1.0019	1.0022	0.9005	0.9000	0.1002
3.000	0.9962	1.0017	1.0005	0.9005	0.8999	0.1001
3.025	0.9971	1.0003	1.0039	0.9005	0.8999	0.1001
3.050	0.9976	1.0009	1.0037	0.9005	0.8999	0.1001
3.075	0.9978	1.0013	1.0055	0.9005	0.8999	0.1001
3.100	0.9989	1.0025	1.0008	0.9005	0.8998	0.1001
3.125	1.0003	0.9995	1.0054	0.9005	0.8998	0.1001
3.150	1.0005	1.0011	1.0048	0.9005	0.8998	0.1001
3.175	1.0010	1.0018	1.0057	0.9005	0.8998	0.1002
3.200	1.0017	1.0032	1.0030	0.9006	0.8998	0.1002
3.225	1.0027	1.0007	1.0033	0.9006	0.8998	0.1002
3.250	1.0016	1.0015	1.0040	0.9006	0.8998	0.1002
3.275	1.0017	1.0014	1.0016	0.9006	0.8998	0.1002
3.300	1.0030	1.0034	1.0010	0.9006	0.8998	0.1002
3.325	1.0028	1.0006	0.9998	0.9006	0.8998	0.1001
3.350	1.0038	1.0012	0.9981	0.9007	0.8998	0.1001
3.375	1.0017	1.0014	1.0015	0.9007	0.8998	0.1001
3.400	1.0021	1.0012	1.0010	0.9007	0.8998	0.1001
3.425	1.0016	1.0031	0.9945	0.9007	0.8998	0.1001
3.450	1.0024	1.0012	0.9995	0.9007	0.8998	0.1001
3.475	1.0030	1.0030	1.0022	0.9007	0.8998	0.1001
3.500	1.0019	1.0016	1.0055	0.9007	0.8998	0.1001
3.525	1.0022	1.0014	1.0022	0.9007	0.8998	0.1001
3.550	1.0014	1.0011	1.0006	0.9007	0.8998	0.1001
3.575	1.0024	1.0005	1.0015	0.9007	0.8998	0.1001
3.600	1.0014	1.0007	0.9958	0.9007	0.8998	0.1001
3.625	1.0018	1.0013	1.0064	0.9007	0.8998	0.1001
3.650	1.0016	1.0010	0.9984	0.9007	0.8998	0.1001
3.675	1.0017	1.0000	1.0016	0.9007	0.8998	0.1001
3.700	1.0005	1.0013	0.9996	0.9007	0.8998	0.1001
3.725	1.0003	1.0002	1.0026	0.9006	0.8998	0.1001
3.750	1.0016	1.0016	0.9981	0.9006	0.8998	0.1001
3.775	1.0019	1.0012	0.9991	0.9006	0.8998	0.1001
3.800	1.0003	1.0000	1.0017	0.9006	0.8998	0.1001
3.825	1.0004	1.0007	1.0002	0.9006	0.8998	0.1001
3.850	1.0029	1.0015	1.0032	0.9006	0.8998	0.1001
3.875	1.0022	1.0010	1.0014	0.9006	0.8998	0.1001
3.900	1.0012	1.0008	0.9981	0.9006	0.8998	0.1001
3.925	1.0008	1.0012	0.9994	0.9006	0.8998	0.1000
3.950	1.0008	1.0010	0.9969	0.9006	0.8998	0.1000
3.975	1.0008	1.0019	1.0005	0.9006	0.8999	0.1000
4.000	1.0000	1.0000	1.0000	0.9005	0.8999	0.1000

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.171 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0043	0.0005	0.0000	1.0000	1.0000	0.0000
0.875	0.0344	0.0082	0.0013	1.0000	1.0000	0.0000
0.900	0.1334	0.0556	0.0127	1.0000	1.0000	0.0000
0.925	0.3302	0.1951	0.0778	1.0000	1.0000	0.0003
0.950	0.5946	0.4392	0.2645	1.0000	1.0000	0.0011
0.975	0.8739	0.7502	0.5453	1.0000	1.0000	0.0028
1.000	1.1137	1.0559	0.8466	1.0000	1.0000	0.0056
1.025	1.2879	1.2978	1.1586	1.0000	1.0000	0.0093
1.050	1.3960	1.4526	1.3565	1.0000	1.0000	0.0136
1.075	1.4589	1.5325	1.4605	1.0000	1.0000	0.0179
1.100	1.4795	1.5667	1.5325	1.0000	1.0000	0.0220
1.125	1.4732	1.5580	1.5209	1.0000	1.0000	0.0258
1.150	1.4489	1.5191	1.4840	1.0000	1.0000	0.0291
1.175	1.4211	1.4761	1.4463	1.0000	1.0000	0.0319
1.200	1.3804	1.4254	1.3779	1.0000	1.0000	0.0344
1.225	1.3448	1.3669	1.3360	1.0000	0.9998	0.0364
1.250	1.3103	1.3189	1.2808	1.0000	0.9995	0.0381
1.275	1.2758	1.2717	1.2533	1.0000	0.9986	0.0396
1.300	1.2460	1.2324	1.1735	1.0000	0.9972	0.0407
1.325	1.2115	1.1926	1.1797	1.0000	0.9952	0.0417
1.350	1.1843	1.1614	1.1337	0.9998	0.9926	0.0425
1.375	1.1588	1.1349	1.1079	0.9995	0.9896	0.0432
1.400	1.1359	1.1059	1.0925	0.9990	0.9864	0.0438
1.425	1.1153	1.0888	1.0923	0.9980	0.9832	0.0443
1.450	1.0973	1.0645	1.1021	0.9965	0.9801	0.0448
1.475	1.0803	1.0558	1.1127	0.9946	0.9770	0.0453
1.500	1.0629	1.0437	1.1054	0.9923	0.9742	0.0458
1.525	1.0529	1.0364	1.0910	0.9897	0.9717	0.0462
1.550	1.0419	1.0286	1.0907	0.9869	0.9694	0.0465
1.575	1.0287	1.0264	1.1019	0.9840	0.9674	0.0469
1.600	1.0181	1.0192	1.0990	0.9812	0.9656	0.0473
1.625	1.0141	1.0220	1.0858	0.9784	0.9641	0.0476
1.650	1.0067	1.0210	1.0805	0.9758	0.9627	0.0478
1.675	1.0038	1.0196	1.0737	0.9733	0.9615	0.0481
1.700	0.9979	1.0206	1.0849	0.9710	0.9604	0.0483
1.725	0.9915	1.0214	1.0787	0.9688	0.9595	0.0486
1.750	0.9919	1.0228	1.0658	0.9669	0.9588	0.0488
1.775	0.9889	1.0190	1.0680	0.9652	0.9581	0.0490
1.800	0.9865	1.0210	1.0560	0.9636	0.9575	0.0491
1.825	0.9871	1.0214	1.0546	0.9622	0.9569	0.0492
1.850	0.9865	1.0221	1.0454	0.9609	0.9565	0.0494
1.875	0.9869	1.0189	1.0466	0.9598	0.9561	0.0495
1.900	0.9873	1.0136	1.0287	0.9588	0.9557	0.0496
1.925	0.9892	1.0161	1.0243	0.9579	0.9553	0.0496
1.950	0.9895	1.0130	1.0324	0.9571	0.9550	0.0497
1.975	0.9923	1.0091	1.0134	0.9565	0.9546	0.0497
2.000	0.9943	1.0109	1.0045	0.9559	0.9542	0.0497
2.025	0.9939	1.0082	1.0278	0.9553	0.9539	0.0497
2.050	0.9964	1.0058	1.0122	0.9549	0.9536	0.0498
2.075	0.9982	1.0037	1.0165	0.9544	0.9534	0.0498
2.100	0.9986	1.0033	1.0309	0.9541	0.9531	0.0498
2.125	0.9983	1.0060	1.0254	0.9538	0.9528	0.0499
2.150	0.9988	1.0022	1.0210	0.9535	0.9526	0.0499
2.175	1.0001	1.0010	1.0151	0.9533	0.9524	0.0499
2.200	0.9997	0.9979	1.0109	0.9531	0.9522	0.0500
2.225	0.9984	0.9992	1.0090	0.9529	0.9520	0.0500
2.250	1.0005	1.0010	1.0161	0.9527	0.9518	0.0500
2.275	1.0007	0.9988	1.0248	0.9526	0.9516	0.0500
2.300	0.9973	0.9990	1.0122	0.9524	0.9514	0.0500
2.325	0.9993	0.9994	1.0126	0.9523	0.9513	0.0500
2.350	0.9985	1.0020	1.0145	0.9522	0.9511	0.0500
2.375	0.9962	0.9998	1.0162	0.9521	0.9510	0.0500
2.400	0.9968	1.0002	1.0161	0.9520	0.9509	0.0501
2.425	0.9968	0.9994	1.0178	0.9519	0.9508	0.0501
2.450	0.9951	1.0010	1.0246	0.9518	0.9507	0.0501
2.475	0.9951	1.0005	1.0202	0.9517	0.9506	0.0501
2.500	0.9945	0.9998	1.0180	0.9516	0.9505	0.0501
2.525	0.9938	0.9993	1.0240	0.9516	0.9505	0.0502

2.550	0.9951	1.0025	1.0217	0.9515	0.9504	0.0502
2.575	0.9934	1.0024	1.0227	0.9514	0.9504	0.0502
2.600	0.9946	1.0025	1.0227	0.9513	0.9503	0.0502
2.625	0.9953	1.0002	1.0230	0.9513	0.9503	0.0502
2.650	0.9932	1.0017	1.0227	0.9512	0.9503	0.0503
2.675	0.9944	1.0012	1.0184	0.9511	0.9503	0.0503
2.700	0.9937	1.0006	1.0113	0.9511	0.9503	0.0503
2.725	0.9947	0.9996	1.0098	0.9510	0.9502	0.0503
2.750	0.9932	1.0003	1.0110	0.9510	0.9502	0.0503
2.775	0.9943	1.0015	1.0181	0.9509	0.9502	0.0503
2.800	0.9945	1.0017	1.0248	0.9508	0.9502	0.0503
2.825	0.9947	1.0033	1.0202	0.9508	0.9501	0.0503
2.850	0.9958	1.0021	1.0178	0.9508	0.9501	0.0503
2.875	0.9962	1.0032	1.0099	0.9507	0.9501	0.0503
2.900	0.9975	1.0039	1.0085	0.9507	0.9501	0.0503
2.925	0.9969	1.0028	1.0107	0.9506	0.9501	0.0503
2.950	0.9969	1.0031	1.0044	0.9506	0.9500	0.0503
2.975	0.9977	1.0030	1.0144	0.9506	0.9500	0.0503
3.000	0.9990	1.0029	1.0219	0.9506	0.9500	0.0503
3.025	0.9989	1.0033	1.0156	0.9505	0.9500	0.0503
3.050	0.9998	1.0041	1.0291	0.9505	0.9500	0.0503
3.075	0.9995	1.0032	1.0188	0.9505	0.9500	0.0504
3.100	0.9997	1.0021	1.0208	0.9505	0.9500	0.0504
3.125	1.0002	0.9997	1.0149	0.9505	0.9500	0.0504
3.150	1.0007	0.9990	1.0164	0.9505	0.9500	0.0504
3.175	1.0000	1.0006	1.0091	0.9505	0.9500	0.0504
3.200	0.9994	1.0005	1.0088	0.9505	0.9499	0.0504
3.225	1.0005	1.0000	1.0149	0.9504	0.9499	0.0504
3.250	1.0005	0.9995	1.0069	0.9504	0.9499	0.0504
3.275	1.0008	1.0002	1.0106	0.9504	0.9499	0.0504
3.300	1.0010	1.0002	1.0162	0.9504	0.9499	0.0504
3.325	1.0010	0.9990	1.0146	0.9504	0.9499	0.0504
3.350	1.0017	1.0001	1.0163	0.9504	0.9499	0.0504
3.375	1.0014	0.9997	1.0098	0.9504	0.9498	0.0504
3.400	1.0017	1.0001	1.0151	0.9504	0.9498	0.0504
3.425	1.0015	0.9995	1.0061	0.9504	0.9498	0.0504
3.450	1.0017	1.0008	1.0031	0.9504	0.9498	0.0504
3.475	1.0008	0.9995	1.0041	0.9504	0.9498	0.0504
3.500	1.0020	1.0001	1.0066	0.9504	0.9498	0.0504
3.525	1.0001	1.0016	1.0101	0.9504	0.9498	0.0504
3.550	1.0013	0.9992	1.0063	0.9504	0.9497	0.0503
3.575	1.0014	0.9997	1.0044	0.9504	0.9497	0.0503
3.600	1.0009	1.0010	1.0105	0.9504	0.9497	0.0503
3.625	1.0000	1.0021	1.0099	0.9504	0.9497	0.0503
3.650	1.0011	1.0006	1.0100	0.9504	0.9497	0.0503
3.675	1.0019	1.0010	1.0067	0.9504	0.9497	0.0503
3.700	1.0003	1.0012	1.0090	0.9504	0.9497	0.0503
3.725	1.0012	0.9995	1.0022	0.9504	0.9497	0.0503
3.750	1.0008	1.0008	0.9973	0.9504	0.9497	0.0503
3.775	1.0009	1.0006	1.0014	0.9504	0.9497	0.0503
3.800	1.0013	0.9993	1.0074	0.9504	0.9497	0.0503
3.825	1.0017	0.9996	1.0066	0.9504	0.9497	0.0503
3.850	1.0005	1.0000	1.0048	0.9504	0.9497	0.0503
3.875	1.0006	0.9988	1.0021	0.9504	0.9497	0.0503
3.900	1.0002	0.9999	1.0073	0.9503	0.9497	0.0503
3.925	1.0004	0.9997	1.0104	0.9503	0.9497	0.0503
3.950	1.0011	1.0010	1.0099	0.9503	0.9497	0.0503
3.975	1.0009	1.0000	1.0096	0.9503	0.9497	0.0503
4.000	1.0000	1.0000	1.0000	0.9503	0.9497	0.0503

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$

$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.107$ $x_1=0.0498$ $\epsilon_{22}/\epsilon_{11}=3.00$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0128	0.0002	0.0000	1.0000	1.0000	0.0000
0.875	0.0543	0.0079	0.0001	1.0000	1.0000	0.0001
0.900	0.2939	0.0620	0.0050	1.0000	1.0000	0.0025
0.925	0.5728	0.2693	0.0593	1.0000	1.0000	0.0352
0.950	1.0502	0.7093	0.2961	1.0000	1.0000	0.1920
0.975	1.5077	1.2910	0.8229	1.0000	1.0000	0.4669
1.000	1.7615	1.8555	1.5336	1.0000	1.0000	0.6866
1.025	2.1145	2.2630	2.1740	1.0000	1.0000	0.8071
1.050	2.1450	2.4828	2.5708	1.0000	1.0000	0.8689
1.075	2.1644	2.5353	2.6980	1.0000	1.0000	0.9020
1.100	2.1416	2.4679	2.6167	1.0000	1.0000	0.9211
1.125	2.0219	2.3505	2.4240	1.0000	1.0000	0.9327
1.150	1.9542	2.1748	2.1799	1.0000	1.0000	0.9402
1.175	1.8267	2.0069	1.9336	1.0000	0.9999	0.9452
1.200	1.7177	1.8373	1.7045	1.0000	0.9975	0.9487
1.225	1.6098	1.6920	1.5008	1.0000	0.9801	0.9510
1.250	1.6274	1.5501	1.3296	1.0000	0.9077	0.9527
1.275	1.6126	1.4201	1.1859	0.9999	0.7439	0.9538
1.300	1.3610	1.3230	1.0664	0.9982	0.5331	0.9545
1.325	1.4379	1.2267	0.9694	0.9893	0.3580	0.9549
1.350	1.2646	1.1449	0.8889	0.9565	0.2431	0.9551
1.375	1.2521	1.0722	0.8255	0.8715	0.1734	0.9552
1.400	1.2443	1.0168	0.7724	0.7231	0.1311	0.9550
1.425	1.1316	0.9630	0.7325	0.5474	0.1045	0.9547
1.450	1.1633	0.9188	0.7012	0.3950	0.0872	0.9543
1.475	1.0477	0.8802	0.6783	0.2847	0.0755	0.9539
1.500	1.0213	0.8448	0.6619	0.2105	0.0673	0.9533
1.525	1.0298	0.8138	0.6531	0.1616	0.0614	0.9526
1.550	1.0373	0.7979	0.6501	0.1291	0.0570	0.9519
1.575	0.9599	0.7805	0.6529	0.1069	0.0538	0.9512
1.600	0.9554	0.7670	0.6614	0.0911	0.0513	0.9504
1.625	0.9035	0.7572	0.6739	0.0797	0.0495	0.9496
1.650	0.9570	0.7447	0.6929	0.0713	0.0481	0.9488
1.675	0.9410	0.7407	0.7165	0.0650	0.0470	0.9480
1.700	0.8863	0.7444	0.7436	0.0602	0.0462	0.9473
1.725	0.8080	0.7409	0.7781	0.0563	0.0456	0.9466
1.750	0.9028	0.7408	0.8167	0.0532	0.0452	0.9460
1.775	0.8291	0.7489	0.8575	0.0508	0.0450	0.9454
1.800	0.8505	0.7560	0.9014	0.0488	0.0449	0.9450
1.825	0.7989	0.7653	0.9467	0.0472	0.0448	0.9447
1.850	0.7606	0.7738	0.9900	0.0459	0.0449	0.9445
1.875	0.8049	0.7914	1.0322	0.0448	0.0450	0.9444
1.900	0.7601	0.8000	1.0715	0.0439	0.0453	0.9445
1.925	0.7567	0.8182	1.1095	0.0431	0.0455	0.9447
1.950	0.7557	0.8338	1.1443	0.0425	0.0459	0.9450
1.975	0.7758	0.8554	1.1730	0.0420	0.0463	0.9454
2.000	0.7242	0.8770	1.1996	0.0416	0.0467	0.9459
2.025	0.7616	0.8966	1.2194	0.0412	0.0472	0.9464
2.050	0.7646	0.9194	1.2305	0.0410	0.0477	0.9470
2.075	0.7254	0.9429	1.2346	0.0408	0.0483	0.9475
2.100	0.7454	0.9635	1.2294	0.0407	0.0488	0.9481
2.125	0.7797	0.9799	1.2159	0.0406	0.0494	0.9486
2.150	0.8122	1.0033	1.1950	0.0406	0.0500	0.9491
2.175	0.7618	1.0280	1.1692	0.0407	0.0506	0.9496
2.200	0.8067	1.0472	1.1388	0.0407	0.0512	0.9500
2.225	0.7948	1.0685	1.1066	0.0409	0.0518	0.9503
2.250	0.8009	1.0884	1.0740	0.0410	0.0523	0.9506
2.275	0.8058	1.1053	1.0417	0.0412	0.0529	0.9508
2.300	0.7958	1.1287	1.0108	0.0414	0.0534	0.9509
2.325	0.8301	1.1418	0.9821	0.0416	0.0539	0.9510
2.350	0.8326	1.1549	0.9572	0.0418	0.0543	0.9511
2.375	0.8697	1.1669	0.9351	0.0421	0.0547	0.9511
2.400	0.8448	1.1708	0.9165	0.0424	0.0550	0.9510
2.425	0.8534	1.1741	0.9009	0.0427	0.0552	0.9509
2.450	0.9139	1.1702	0.8891	0.0430	0.0554	0.9508
2.475	0.8989	1.1617	0.8815	0.0434	0.0555	0.9507
2.500	0.9354	1.1529	0.8767	0.0438	0.0556	0.9505
2.525	0.9275	1.1380	0.8761	0.0441	0.0555	0.9503

2.550	0.9140	1.1243	0.8789	0.0445	0.0554	0.9502
2.575	0.9529	1.1076	0.8845	0.0449	0.0552	0.9500
2.600	0.9216	1.0887	0.8925	0.0453	0.0550	0.9498
2.625	0.9713	1.0758	0.9023	0.0456	0.0547	0.9496
2.650	0.9869	1.0576	0.9157	0.0460	0.0544	0.9495
2.675	0.9702	1.0396	0.9292	0.0464	0.0540	0.9493
2.700	0.9919	1.0205	0.9440	0.0468	0.0536	0.9492
2.725	1.0417	1.0032	0.9608	0.0472	0.0532	0.9491
2.750	1.0412	0.9875	0.9766	0.0476	0.0527	0.9490
2.775	1.0405	0.9737	0.9929	0.0480	0.0523	0.9490
2.800	1.0450	0.9647	1.0089	0.0484	0.0519	0.9490
2.825	1.0703	0.9499	1.0228	0.0488	0.0515	0.9490
2.850	1.0829	0.9397	1.0358	0.0492	0.0511	0.9490
2.875	1.0933	0.9330	1.0472	0.0496	0.0507	0.9490
2.900	1.1124	0.9266	1.0566	0.0500	0.0504	0.9491
2.925	1.1246	0.9217	1.0638	0.0503	0.0501	0.9492
2.950	1.1423	0.9162	1.0688	0.0507	0.0498	0.9492
2.975	1.1430	0.9144	1.0715	0.0510	0.0496	0.9493
3.000	1.1423	0.9142	1.0727	0.0513	0.0494	0.9494
3.025	1.1929	0.9150	1.0712	0.0517	0.0493	0.9495
3.050	1.1680	0.9170	1.0685	0.0520	0.0491	0.9496
3.075	1.1726	0.9188	1.0630	0.0522	0.0490	0.9497
3.100	1.1482	0.9241	1.0573	0.0525	0.0490	0.9498
3.125	1.1304	0.9267	1.0500	0.0526	0.0489	0.9499
3.150	1.1456	0.9345	1.0422	0.0528	0.0489	0.9499
3.175	1.1521	0.9401	1.0336	0.0529	0.0490	0.9500
3.200	1.1412	0.9460	1.0239	0.0530	0.0490	0.9500
3.225	1.1260	0.9529	1.0145	0.0531	0.0491	0.9501
3.250	1.1243	0.9600	1.0053	0.0532	0.0491	0.9501
3.275	1.1023	0.9681	0.9964	0.0532	0.0492	0.9501
3.300	1.1164	0.9767	0.9875	0.0532	0.0493	0.9501
3.325	1.1187	0.9851	0.9799	0.0532	0.0494	0.9501
3.350	1.1179	0.9960	0.9733	0.0531	0.0496	0.9500
3.375	1.0909	1.0008	0.9679	0.0531	0.0497	0.9500
3.400	1.0685	1.0071	0.9631	0.0530	0.0498	0.9500
3.425	1.0697	1.0143	0.9597	0.0529	0.0500	0.9499
3.450	1.0929	1.0218	0.9578	0.0527	0.0501	0.9499
3.475	1.0715	1.0284	0.9568	0.0526	0.0502	0.9499
3.500	1.0617	1.0323	0.9575	0.0525	0.0504	0.9498
3.525	1.0288	1.0368	0.9591	0.0523	0.0505	0.9498
3.550	1.0417	1.0395	0.9617	0.0521	0.0506	0.9498
3.575	1.0144	1.0453	0.9652	0.0519	0.0507	0.9497
3.600	1.0039	1.0456	0.9698	0.0517	0.0508	0.9497
3.625	0.9750	1.0463	0.9752	0.0515	0.0509	0.9497
3.650	1.0231	1.0484	0.9807	0.0513	0.0509	0.9497
3.675	1.0147	1.0484	0.9868	0.0511	0.0510	0.9497
3.700	0.9794	1.0450	0.9925	0.0509	0.0510	0.9497
3.725	0.9858	1.0450	0.9980	0.0507	0.0510	0.9497
3.750	0.9712	1.0439	1.0044	0.0505	0.0510	0.9497
3.775	0.9638	1.0412	1.0094	0.0503	0.0510	0.9497
3.800	0.9476	1.0392	1.0136	0.0501	0.0510	0.9497
3.825	0.9691	1.0339	1.0176	0.0500	0.0510	0.9498
3.850	0.9766	1.0292	1.0214	0.0498	0.0510	0.9498
3.875	0.9404	1.0260	1.0238	0.0497	0.0509	0.9498
3.900	0.9457	1.0221	1.0256	0.0496	0.0508	0.9498
3.925	0.9440	1.0174	1.0268	0.0495	0.0508	0.9499
3.950	0.9217	1.0118	1.0272	0.0493	0.0507	0.9499
3.975	0.9495	1.0082	1.0266	0.0492	0.0506	0.9499
4.000	1.0000	1.0000	1.0000	0.0492	0.0506	0.9499

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0
σ_{22}/σ_{11}= 2.00 ρ^*= 0.111 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0109	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0678	0.0066	0.0001	1.0000	1.0000	0.0000
0.900	0.2552	0.0608	0.0049	1.0000	1.0000	0.0012
0.925	0.6219	0.2643	0.0575	1.0000	1.0000	0.0166
0.950	1.0355	0.6934	0.2885	1.0000	1.0000	0.0992
0.975	1.4981	1.2714	0.8032	1.0000	1.0000	0.2889
1.000	1.8533	1.8249	1.4983	1.0000	1.0000	0.5040
1.025	2.0782	2.2337	2.1312	1.0000	1.0000	0.6601
1.050	2.1722	2.4469	2.5291	1.0000	1.0000	0.7549
1.075	2.1471	2.5111	2.6601	1.0000	1.0000	0.8107
1.100	2.1234	2.4490	2.5886	1.0000	1.0000	0.8446
1.125	2.0947	2.3239	2.4041	1.0000	1.0000	0.8660
1.150	1.9796	2.1615	2.1669	1.0000	1.0000	0.8800
1.175	1.8946	2.0016	1.9266	1.0000	0.9999	0.8895
1.200	1.7804	1.8340	1.7032	1.0000	0.9988	0.8961
1.225	1.6619	1.6855	1.5051	1.0000	0.9907	0.9007
1.250	1.6278	1.5460	1.3362	1.0000	0.9550	0.9039
1.275	1.5027	1.4342	1.1957	1.0000	0.8623	0.9061
1.300	1.4529	1.3276	1.0774	0.9994	0.7111	0.9076
1.325	1.3950	1.2367	0.9816	0.9957	0.5459	0.9085
1.350	1.3477	1.1535	0.9034	0.9803	0.4091	0.9089
1.375	1.2305	1.0824	0.8385	0.9373	0.3113	0.9090
1.400	1.2227	1.0218	0.7870	0.8510	0.2451	0.9087
1.425	1.1414	0.9740	0.7461	0.7254	0.2007	0.9083
1.450	1.0998	0.9251	0.7171	0.5871	0.1703	0.9076
1.475	1.0831	0.8940	0.6950	0.4635	0.1491	0.9067
1.500	1.0347	0.8593	0.6792	0.3665	0.1340	0.9056
1.525	1.0207	0.8309	0.6706	0.2947	0.1230	0.9045
1.550	0.9595	0.8087	0.6676	0.2427	0.1148	0.9032
1.575	0.9543	0.7893	0.6699	0.2051	0.1086	0.9019
1.600	0.9370	0.7712	0.6768	0.1776	0.1039	0.9005
1.625	0.8918	0.7654	0.6874	0.1570	0.1003	0.8991
1.650	0.8849	0.7562	0.7044	0.1414	0.0976	0.8977
1.675	0.8917	0.7520	0.7270	0.1295	0.0955	0.8963
1.700	0.8942	0.7511	0.7518	0.1203	0.0939	0.8950
1.725	0.8582	0.7491	0.7830	0.1130	0.0927	0.8938
1.750	0.8572	0.7519	0.8181	0.1072	0.0919	0.8926
1.775	0.8342	0.7580	0.8560	0.1025	0.0914	0.8917
1.800	0.8282	0.7633	0.8967	0.0987	0.0911	0.8908
1.825	0.8316	0.7704	0.9383	0.0956	0.0910	0.8903
1.850	0.8210	0.7837	0.9793	0.0931	0.0911	0.8899
1.875	0.8212	0.7966	1.0207	0.0910	0.0914	0.8897
1.900	0.7940	0.8087	1.0575	0.0893	0.0917	0.8898
1.925	0.8546	0.8272	1.0937	0.0880	0.0923	0.8901
1.950	0.8063	0.8415	1.1285	0.0869	0.0929	0.8906
1.975	0.8086	0.8608	1.1590	0.0860	0.0936	0.8913
2.000	0.7876	0.8760	1.1843	0.0853	0.0944	0.8921
2.025	0.7843	0.9022	1.2043	0.0847	0.0952	0.8930
2.050	0.7956	0.9126	1.2175	0.0843	0.0961	0.8940
2.075	0.7959	0.9349	1.2223	0.0840	0.0971	0.8950
2.100	0.8243	0.9565	1.2179	0.0838	0.0981	0.8960
2.125	0.8188	0.9777	1.2075	0.0838	0.0991	0.8970
2.150	0.8106	0.9983	1.1883	0.0838	0.1002	0.8979
2.175	0.8057	1.0212	1.1653	0.0839	0.1012	0.8987
2.200	0.7933	1.0397	1.1376	0.0841	0.1023	0.8995
2.225	0.8211	1.0625	1.1067	0.0842	0.1033	0.9001
2.250	0.8269	1.0773	1.0768	0.0845	0.1044	0.9006
2.275	0.8321	1.0958	1.0458	0.0849	0.1053	0.9010
2.300	0.8218	1.1160	1.0170	0.0852	0.1062	0.9012
2.325	0.8272	1.1309	0.9906	0.0856	0.1071	0.9014
2.350	0.8392	1.1438	0.9655	0.0860	0.1079	0.9015
2.375	0.8454	1.1538	0.9463	0.0865	0.1086	0.9015
2.400	0.8679	1.1607	0.9266	0.0870	0.1092	0.9015
2.425	0.8650	1.1598	0.9123	0.0875	0.1096	0.9013
2.450	0.8755	1.1598	0.9000	0.0881	0.1100	0.9011
2.475	0.8833	1.1558	0.8933	0.0887	0.1102	0.9009
2.500	0.8852	1.1462	0.8880	0.0893	0.1103	0.9007
2.525	0.9013	1.1366	0.8867	0.0899	0.1102	0.9004

2.550	0.9158	1.1232	0.8885	0.0905	0.1101	0.9001
2.575	0.9358	1.1068	0.8917	0.0911	0.1098	0.8998
2.600	0.9446	1.0912	0.8998	0.0918	0.1094	0.8995
2.625	0.9416	1.0746	0.9086	0.0925	0.1089	0.8992
2.650	0.9781	1.0552	0.9198	0.0932	0.1083	0.8989
2.675	0.9752	1.0414	0.9316	0.0939	0.1077	0.8986
2.700	0.9977	1.0216	0.9449	0.0946	0.1070	0.8984
2.725	0.9881	1.0109	0.9593	0.0953	0.1062	0.8983
2.750	1.0208	0.9947	0.9745	0.0960	0.1055	0.8981
2.775	1.0252	0.9808	0.9893	0.0967	0.1047	0.8980
2.800	1.0297	0.9714	1.0033	0.0974	0.1040	0.8980
2.825	1.0433	0.9584	1.0158	0.0980	0.1032	0.8979
2.850	1.0547	0.9497	1.0284	0.0987	0.1025	0.8980
2.875	1.0540	0.9388	1.0398	0.0993	0.1019	0.8980
2.900	1.0887	0.9349	1.0481	0.0999	0.1013	0.8981
2.925	1.0873	0.9302	1.0551	0.1005	0.1007	0.8982
2.950	1.1146	0.9274	1.0602	0.1011	0.1002	0.8984
2.975	1.0929	0.9220	1.0641	0.1017	0.0998	0.8985
3.000	1.1259	0.9212	1.0654	0.1022	0.0994	0.8987
3.025	1.1043	0.9237	1.0653	0.1027	0.0991	0.8989
3.050	1.1227	0.9230	1.0633	0.1031	0.0989	0.8991
3.075	1.1150	0.9261	1.0603	0.1035	0.0987	0.8992
3.100	1.1442	0.9287	1.0548	0.1039	0.0986	0.8994
3.125	1.1258	0.9322	1.0485	0.1043	0.0985	0.8995
3.150	1.1203	0.9375	1.0417	0.1045	0.0985	0.8996
3.175	1.1385	0.9419	1.0335	0.1048	0.0985	0.8997
3.200	1.1224	0.9480	1.0251	0.1050	0.0985	0.8998
3.225	1.1271	0.9553	1.0168	0.1052	0.0986	0.8998
3.250	1.1147	0.9625	1.0088	0.1053	0.0987	0.8999
3.275	1.1044	0.9705	0.9997	0.1054	0.0989	0.8999
3.300	1.1151	0.9754	0.9920	0.1054	0.0991	0.8999
3.325	1.1068	0.9838	0.9852	0.1054	0.0993	0.8999
3.350	1.0947	0.9906	0.9788	0.1053	0.0995	0.8998
3.375	1.0774	0.9958	0.9730	0.1052	0.0997	0.8998
3.400	1.0828	1.0033	0.9682	0.1051	0.0999	0.8997
3.425	1.0643	1.0091	0.9657	0.1049	0.1002	0.8997
3.450	1.0652	1.0159	0.9636	0.1047	0.1004	0.8996
3.475	1.0567	1.0210	0.9626	0.1045	0.1006	0.8996
3.500	1.0385	1.0255	0.9624	0.1042	0.1008	0.8995
3.525	1.0086	1.0316	0.9629	0.1038	0.1010	0.8995
3.550	1.0083	1.0337	0.9655	0.1035	0.1012	0.8994
3.575	0.9974	1.0372	0.9684	0.1031	0.1014	0.8994
3.600	0.9805	1.0413	0.9717	0.1027	0.1016	0.8993
3.625	0.9929	1.0410	0.9763	0.1023	0.1017	0.8993
3.650	0.9890	1.0437	0.9815	0.1019	0.1018	0.8993
3.675	0.9665	1.0441	0.9862	0.1016	0.1019	0.8992
3.700	0.9829	1.0429	0.9910	0.1012	0.1020	0.8992
3.725	0.9628	1.0422	0.9964	0.1008	0.1020	0.8993
3.750	0.9539	1.0422	1.0020	0.1005	0.1020	0.8993
3.775	0.9674	1.0397	1.0064	0.1001	0.1021	0.8993
3.800	0.9570	1.0362	1.0110	0.0998	0.1020	0.8993
3.825	0.9601	1.0327	1.0145	0.0995	0.1020	0.8994
3.850	0.9397	1.0297	1.0179	0.0992	0.1019	0.8994
3.875	0.9531	1.0265	1.0202	0.0990	0.1019	0.8995
3.900	0.9401	1.0240	1.0218	0.0987	0.1018	0.8995
3.925	0.9397	1.0166	1.0237	0.0985	0.1017	0.8996
3.950	0.9461	1.0127	1.0237	0.0983	0.1015	0.8996
3.975	0.9536	1.0065	1.0233	0.0982	0.1014	0.8997
4.000	1.0000	1.0000	1.0000	0.0981	0.1013	0.8997

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR $T^*=3.0$
$\sigma_{22}/\sigma_{11}=2.00$ $\rho^*=0.126$ $x_1=0.2500$ $\epsilon_{22}/\epsilon_{11}=3.00$

R^*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0059	0.0002	0.0000	1.0000	1.0000	0.0000
0.875	0.0634	0.0063	0.0001	1.0000	1.0000	0.0000
0.900	0.2705	0.0593	0.0046	1.0000	1.0000	0.0004
0.925	0.6165	0.2583	0.0531	1.0000	1.0000	0.0053
0.950	1.0457	0.6705	0.2716	1.0000	1.0000	0.0337
0.975	1.4987	1.2281	0.7598	1.0000	1.0000	0.1145
1.000	1.8418	1.7721	1.4268	1.0000	1.0000	0.2451
1.025	2.0441	2.1859	2.0375	1.0000	1.0000	0.3836
1.050	2.1925	2.4052	2.4321	1.0000	1.0000	0.4972
1.075	2.1778	2.4559	2.5674	1.0000	1.0000	0.5795
1.100	2.1570	2.4061	2.5129	1.0000	1.0000	0.6365
1.125	2.0804	2.2831	2.3440	1.0000	1.0000	0.6759
1.150	1.9896	2.1325	2.1307	1.0000	1.0000	0.7033
1.175	1.9042	1.9769	1.9074	1.0000	1.0000	0.7226
1.200	1.8038	1.8242	1.6948	1.0000	0.9996	0.7364
1.225	1.6835	1.6721	1.5033	1.0000	0.9971	0.7461
1.250	1.6219	1.5460	1.3416	1.0000	0.9854	0.7531
1.275	1.5214	1.4225	1.2089	1.0000	0.9518	0.7579
1.300	1.4523	1.3251	1.0935	0.9998	0.8855	0.7612
1.325	1.3826	1.2348	1.0018	0.9986	0.7902	0.7632
1.350	1.3292	1.1560	0.9250	0.9936	0.6838	0.7643
1.375	1.2831	1.0913	0.8660	0.9788	0.5850	0.7646
1.400	1.2142	1.0363	0.8177	0.9464	0.5028	0.7643
1.425	1.1942	0.9831	0.7791	0.8914	0.4384	0.7635
1.450	1.1305	0.9385	0.7536	0.8161	0.3893	0.7623
1.475	1.0963	0.9068	0.7350	0.7299	0.3522	0.7609
1.500	1.0643	0.8738	0.7236	0.6440	0.3241	0.7591
1.525	1.0255	0.8520	0.7157	0.5662	0.3027	0.7571
1.550	0.9815	0.8309	0.7140	0.4997	0.2862	0.7550
1.575	0.9575	0.8156	0.7157	0.4452	0.2735	0.7528
1.600	0.9521	0.8035	0.7204	0.4014	0.2636	0.7504
1.625	0.9341	0.7923	0.7279	0.3665	0.2560	0.7480
1.650	0.9151	0.7872	0.7414	0.3386	0.2501	0.7456
1.675	0.8933	0.7794	0.7582	0.3161	0.2455	0.7432
1.700	0.8778	0.7822	0.7777	0.2979	0.2421	0.7409
1.725	0.8606	0.7803	0.8000	0.2831	0.2395	0.7387
1.750	0.8559	0.7817	0.8256	0.2710	0.2377	0.7367
1.775	0.8588	0.7855	0.8576	0.2611	0.2364	0.7348
1.800	0.8398	0.7910	0.8879	0.2530	0.2357	0.7333
1.825	0.8239	0.7960	0.9234	0.2462	0.2354	0.7321
1.850	0.8294	0.8060	0.9591	0.2405	0.2355	0.7312
1.875	0.8120	0.8140	0.9939	0.2359	0.2358	0.7307
1.900	0.8048	0.8272	1.0274	0.2320	0.2365	0.7307
1.925	0.8256	0.8375	1.0596	0.2288	0.2373	0.7310
1.950	0.8246	0.8502	1.0926	0.2264	0.2384	0.7317
1.975	0.8057	0.8672	1.1212	0.2243	0.2396	0.7327
2.000	0.8063	0.8787	1.1491	0.2226	0.2409	0.7341
2.025	0.8042	0.8960	1.1683	0.2213	0.2423	0.7356
2.050	0.8148	0.9144	1.1843	0.2203	0.2439	0.7373
2.075	0.8100	0.9312	1.1917	0.2196	0.2455	0.7392
2.100	0.8094	0.9493	1.1911	0.2191	0.2472	0.7410
2.125	0.8182	0.9696	1.1817	0.2188	0.2490	0.7428
2.150	0.8117	0.9864	1.1706	0.2188	0.2508	0.7444
2.175	0.8166	1.0033	1.1521	0.2188	0.2526	0.7460
2.200	0.8157	1.0235	1.1287	0.2191	0.2544	0.7474
2.225	0.8363	1.0401	1.1029	0.2194	0.2562	0.7485
2.250	0.8313	1.0580	1.0779	0.2200	0.2580	0.7495
2.275	0.8479	1.0757	1.0517	0.2206	0.2597	0.7503
2.300	0.8499	1.0903	1.0268	0.2213	0.2613	0.7509
2.325	0.8525	1.1096	1.0041	0.2222	0.2628	0.7513
2.350	0.8522	1.1226	0.9834	0.2230	0.2643	0.7516
2.375	0.8653	1.1315	0.9648	0.2239	0.2656	0.7517
2.400	0.8603	1.1367	0.9499	0.2249	0.2667	0.7516
2.425	0.8728	1.1402	0.9364	0.2259	0.2677	0.7515
2.450	0.8952	1.1413	0.9265	0.2269	0.2684	0.7513
2.475	0.9002	1.1401	0.9184	0.2281	0.2690	0.7510
2.500	0.9080	1.1303	0.9124	0.2293	0.2693	0.7506
2.525	0.9114	1.1224	0.9112	0.2305	0.2693	0.7501

2.550	0.9156	1.1114	0.9117	0.2317	0.2692	0.7497
2.575	0.9223	1.0997	0.9156	0.2329	0.2689	0.7492
2.600	0.9386	1.0848	0.9199	0.2341	0.2683	0.7487
2.625	0.9367	1.0694	0.9261	0.2353	0.2676	0.7483
2.650	0.9604	1.0578	0.9336	0.2365	0.2666	0.7479
2.675	0.9579	1.0411	0.9414	0.2378	0.2656	0.7475
2.700	0.9640	1.0278	0.9517	0.2390	0.2644	0.7471
2.725	0.9819	1.0123	0.9622	0.2402	0.2631	0.7468
2.750	0.9894	1.0036	0.9731	0.2414	0.2618	0.7465
2.775	1.0027	0.9914	0.9839	0.2427	0.2604	0.7463
2.800	1.0115	0.9813	0.9942	0.2439	0.2590	0.7462
2.825	1.0247	0.9698	1.0044	0.2451	0.2577	0.7461
2.850	1.0379	0.9620	1.0143	0.2462	0.2564	0.7461
2.875	1.0514	0.9555	1.0225	0.2474	0.2552	0.7462
2.900	1.0559	0.9512	1.0311	0.2486	0.2540	0.7463
2.925	1.0620	0.9466	1.0366	0.2497	0.2530	0.7465
2.950	1.0615	0.9429	1.0418	0.2507	0.2520	0.7467
2.975	1.0745	0.9415	1.0456	0.2517	0.2512	0.7469
3.000	1.0835	0.9399	1.0488	0.2527	0.2505	0.7472
3.025	1.0951	0.9367	1.0498	0.2536	0.2499	0.7475
3.050	1.1071	0.9395	1.0505	0.2545	0.2494	0.7478
3.075	1.1097	0.9419	1.0487	0.2554	0.2490	0.7480
3.100	1.1103	0.9422	1.0455	0.2561	0.2487	0.7483
3.125	1.1039	0.9435	1.0421	0.2568	0.2485	0.7485
3.150	1.1113	0.9492	1.0371	0.2574	0.2484	0.7488
3.175	1.1099	0.9511	1.0303	0.2579	0.2483	0.7489
3.200	1.1053	0.9563	1.0253	0.2584	0.2484	0.7491
3.225	1.1008	0.9611	1.0191	0.2587	0.2485	0.7492
3.250	1.1046	0.9637	1.0118	0.2590	0.2486	0.7493
3.275	1.0828	0.9694	1.0066	0.2592	0.2488	0.7493
3.300	1.0896	0.9754	1.0001	0.2593	0.2490	0.7494
3.325	1.0713	0.9819	0.9940	0.2593	0.2493	0.7494
3.350	1.0735	0.9862	0.9891	0.2592	0.2497	0.7493
3.375	1.0550	0.9919	0.9851	0.2590	0.2500	0.7493
3.400	1.0590	0.9972	0.9828	0.2588	0.2503	0.7493
3.425	1.0455	1.0020	0.9794	0.2585	0.2507	0.7492
3.450	1.0351	1.0061	0.9770	0.2581	0.2510	0.7491
3.475	1.0323	1.0111	0.9755	0.2576	0.2514	0.7490
3.500	1.0262	1.0166	0.9751	0.2571	0.2517	0.7490
3.525	1.0277	1.0204	0.9747	0.2566	0.2520	0.7489
3.550	1.0066	1.0256	0.9752	0.2560	0.2523	0.7488
3.575	1.0062	1.0284	0.9763	0.2553	0.2526	0.7487
3.600	0.9983	1.0306	0.9781	0.2547	0.2529	0.7487
3.625	0.9941	1.0308	0.9807	0.2540	0.2531	0.7486
3.650	0.9915	1.0336	0.9843	0.2534	0.2534	0.7486
3.675	0.9899	1.0355	0.9873	0.2527	0.2535	0.7486
3.700	0.9795	1.0349	0.9907	0.2521	0.2537	0.7485
3.725	0.9761	1.0330	0.9953	0.2514	0.2538	0.7485
3.750	0.9738	1.0340	0.9983	0.2508	0.2538	0.7486
3.775	0.9699	1.0318	1.0016	0.2502	0.2539	0.7486
3.800	0.9580	1.0303	1.0045	0.2496	0.2539	0.7486
3.825	0.9649	1.0273	1.0078	0.2491	0.2538	0.7487
3.850	0.9659	1.0242	1.0098	0.2486	0.2538	0.7487
3.875	0.9626	1.0228	1.0114	0.2481	0.2537	0.7488
3.900	0.9565	1.0194	1.0146	0.2477	0.2535	0.7489
3.925	0.9569	1.0174	1.0160	0.2473	0.2534	0.7490
3.950	0.9616	1.0129	1.0167	0.2470	0.2532	0.7490
3.975	0.9556	1.0101	1.0172	0.2467	0.2531	0.7491
4.000	1.0000	1.0000	1.0000	0.2465	0.2528	0.7492

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.164 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0076	0.0002	0.0000	1.0000	1.0000	0.0000
0.875	0.0612	0.0056	0.0001	1.0000	1.0000	0.0000
0.900	0.2348	0.0527	0.0037	1.0000	1.0000	0.0001
0.925	0.5649	0.2353	0.0457	1.0000	1.0000	0.0016
0.950	0.9832	0.6139	0.2319	1.0000	1.0000	0.0103
0.975	1.4099	1.1320	0.6567	1.0000	1.0000	0.0373
1.000	1.7382	1.6412	1.2446	1.0000	1.0000	0.0888
1.025	1.9425	2.0280	1.8126	1.0000	1.0000	0.1583
1.050	2.0619	2.2411	2.1832	1.0000	1.0000	0.2311
1.075	2.0755	2.3165	2.3408	1.0000	1.0000	0.2962
1.100	2.0595	2.2803	2.3220	1.0000	1.0000	0.3495
1.125	1.9860	2.1826	2.1948	1.0000	1.0000	0.3910
1.150	1.9109	2.0470	2.0160	1.0000	1.0000	0.4227
1.175	1.8238	1.9091	1.8307	1.0000	1.0000	0.4465
1.200	1.7421	1.7707	1.6504	1.0000	0.9999	0.4644
1.225	1.6483	1.6405	1.4836	1.0000	0.9991	0.4776
1.250	1.5698	1.5255	1.3391	1.0000	0.9956	0.4873
1.275	1.4942	1.4129	1.2224	1.0000	0.9851	0.4942
1.300	1.4322	1.3223	1.1214	0.9999	0.9627	0.4990
1.325	1.3735	1.2406	1.0408	0.9996	0.9262	0.5022
1.350	1.3065	1.1652	0.9769	0.9980	0.8778	0.5042
1.375	1.2496	1.1087	0.9205	0.9933	0.8232	0.5053
1.400	1.2094	1.0564	0.8824	0.9826	0.7689	0.5056
1.425	1.1646	1.0123	0.8567	0.9631	0.7190	0.5054
1.450	1.1370	0.9750	0.8364	0.9336	0.6756	0.5049
1.475	1.0893	0.9441	0.8262	0.8953	0.6391	0.5041
1.500	1.0685	0.9170	0.8209	0.8511	0.6090	0.5031
1.525	1.0400	0.8958	0.8185	0.8048	0.5844	0.5019
1.550	1.0137	0.8791	0.8181	0.7594	0.5646	0.5007
1.575	0.9905	0.8677	0.8202	0.7174	0.5485	0.4993
1.600	0.9696	0.8567	0.8251	0.6796	0.5356	0.4979
1.625	0.9507	0.8555	0.8264	0.6463	0.5253	0.4964
1.650	0.9371	0.8494	0.8301	0.6176	0.5172	0.4948
1.675	0.9318	0.8499	0.8314	0.5931	0.5108	0.4931
1.700	0.9104	0.8485	0.8399	0.5722	0.5058	0.4913
1.725	0.8993	0.8496	0.8509	0.5544	0.5021	0.4896
1.750	0.8970	0.8493	0.8617	0.5394	0.4992	0.4878
1.775	0.8859	0.8505	0.8754	0.5267	0.4972	0.4861
1.800	0.8739	0.8519	0.8914	0.5159	0.4958	0.4846
1.825	0.8807	0.8535	0.9107	0.5069	0.4949	0.4832
1.850	0.8760	0.8575	0.9310	0.4992	0.4945	0.4822
1.875	0.8700	0.8615	0.9555	0.4928	0.4944	0.4814
1.900	0.8644	0.8672	0.9758	0.4874	0.4946	0.4809
1.925	0.8641	0.8708	1.0009	0.4830	0.4950	0.4808
1.950	0.8638	0.8773	1.0260	0.4793	0.4955	0.4810
1.975	0.8663	0.8867	1.0507	0.4763	0.4962	0.4816
2.000	0.8659	0.8922	1.0723	0.4739	0.4969	0.4825
2.025	0.8627	0.9038	1.0912	0.4721	0.4978	0.4836
2.050	0.8607	0.9126	1.1066	0.4706	0.4987	0.4849
2.075	0.8655	0.9215	1.1185	0.4695	0.4997	0.4864
2.100	0.8662	0.9354	1.1225	0.4688	0.5007	0.4880
2.125	0.8682	0.9461	1.1222	0.4683	0.5018	0.4895
2.150	0.8683	0.9589	1.1180	0.4681	0.5029	0.4911
2.175	0.8701	0.9722	1.1064	0.4681	0.5040	0.4925
2.200	0.8766	0.9848	1.0960	0.4683	0.5052	0.4938
2.225	0.8701	0.9980	1.0818	0.4687	0.5065	0.4950
2.250	0.8790	1.0145	1.0651	0.4692	0.5078	0.4960
2.275	0.8803	1.0296	1.0490	0.4698	0.5091	0.4969
2.300	0.8813	1.0422	1.0354	0.4705	0.5104	0.4976
2.325	0.8864	1.0546	1.0207	0.4714	0.5117	0.4981
2.350	0.8850	1.0692	1.0085	0.4722	0.5130	0.4985
2.375	0.8894	1.0782	0.9954	0.4731	0.5143	0.4988
2.400	0.8977	1.0856	0.9839	0.4741	0.5154	0.4990
2.425	0.8982	1.0893	0.9760	0.4751	0.5164	0.4991
2.450	0.9088	1.0914	0.9711	0.4762	0.5173	0.4990
2.475	0.9122	1.0919	0.9642	0.4772	0.5181	0.4990
2.500	0.9138	1.0885	0.9616	0.4783	0.5186	0.4988
2.525	0.9176	1.0853	0.9606	0.4794	0.5190	0.4987

2.550	0.9308	1.0806	0.9598	0.4805	0.5192	0.4985
2.575	0.9263	1.0741	0.9605	0.4816	0.5192	0.4983
2.600	0.9363	1.0665	0.9611	0.4826	0.5190	0.4981
2.625	0.9476	1.0568	0.9625	0.4838	0.5186	0.4979
2.650	0.9497	1.0487	0.9668	0.4849	0.5180	0.4977
2.675	0.9591	1.0403	0.9684	0.4860	0.5173	0.4975
2.700	0.9730	1.0303	0.9708	0.4872	0.5164	0.4973
2.725	0.9758	1.0217	0.9760	0.4884	0.5154	0.4971
2.750	0.9792	1.0145	0.9806	0.4896	0.5144	0.4970
2.775	0.9865	1.0063	0.9834	0.4907	0.5132	0.4968
2.800	0.9946	1.0002	0.9905	0.4918	0.5120	0.4967
2.825	1.0044	0.9936	0.9931	0.4930	0.5109	0.4966
2.850	1.0132	0.9888	0.9963	0.4941	0.5097	0.4966
2.875	1.0189	0.9829	1.0005	0.4953	0.5085	0.4966
2.900	1.0297	0.9799	1.0055	0.4964	0.5075	0.4966
2.925	1.0369	0.9770	1.0097	0.4976	0.5065	0.4966
2.950	1.0434	0.9736	1.0127	0.4987	0.5056	0.4967
2.975	1.0490	0.9719	1.0175	0.4997	0.5047	0.4968
3.000	1.0605	0.9712	1.0200	0.5008	0.5040	0.4970
3.025	1.0627	0.9699	1.0199	0.5018	0.5033	0.4972
3.050	1.0697	0.9695	1.0214	0.5028	0.5028	0.4974
3.075	1.0736	0.9686	1.0230	0.5038	0.5023	0.4976
3.100	1.0745	0.9692	1.0226	0.5047	0.5019	0.4978
3.125	1.0785	0.9697	1.0229	0.5055	0.5016	0.4980
3.150	1.0775	0.9704	1.0211	0.5063	0.5013	0.4982
3.175	1.0779	0.9727	1.0205	0.5069	0.5011	0.4983
3.200	1.0799	0.9752	1.0177	0.5076	0.5010	0.4985
3.225	1.0729	0.9751	1.0146	0.5081	0.5010	0.4986
3.250	1.0741	0.9788	1.0117	0.5086	0.5009	0.4987
3.275	1.0677	0.9798	1.0094	0.5089	0.5010	0.4988
3.300	1.0659	0.9820	1.0064	0.5092	0.5010	0.4989
3.325	1.0650	0.9850	1.0046	0.5094	0.5011	0.4989
3.350	1.0606	0.9857	1.0034	0.5096	0.5012	0.4990
3.375	1.0579	0.9894	0.9999	0.5097	0.5014	0.4990
3.400	1.0520	0.9919	0.9976	0.5096	0.5015	0.4990
3.425	1.0445	0.9931	0.9961	0.5095	0.5016	0.4990
3.450	1.0429	0.9955	0.9954	0.5093	0.5018	0.4990
3.475	1.0381	0.9985	0.9936	0.5091	0.5019	0.4990
3.500	1.0297	1.0006	0.9943	0.5088	0.5021	0.4990
3.525	1.0256	1.0031	0.9932	0.5084	0.5023	0.4990
3.550	1.0222	1.0050	0.9930	0.5079	0.5024	0.4990
3.575	1.0166	1.0086	0.9923	0.5074	0.5026	0.4990
3.600	1.0127	1.0092	0.9938	0.5069	0.5027	0.4990
3.625	1.0081	1.0100	0.9943	0.5064	0.5029	0.4989
3.650	1.0056	1.0120	0.9943	0.5058	0.5030	0.4989
3.675	1.0000	1.0139	0.9955	0.5052	0.5031	0.4989
3.700	0.9944	1.0132	0.9947	0.5046	0.5032	0.4989
3.725	0.9954	1.0155	0.9970	0.5041	0.5033	0.4989
3.750	0.9908	1.0164	0.9977	0.5035	0.5033	0.4989
3.775	0.9909	1.0158	0.9978	0.5029	0.5034	0.4989
3.800	0.9858	1.0162	1.0001	0.5024	0.5034	0.4990
3.825	0.9863	1.0156	1.0015	0.5019	0.5034	0.4990
3.850	0.9853	1.0139	1.0019	0.5014	0.5034	0.4990
3.875	0.9836	1.0132	1.0026	0.5009	0.5034	0.4990
3.900	0.9805	1.0117	1.0051	0.5005	0.5034	0.4991
3.925	0.9810	1.0110	1.0045	0.5001	0.5033	0.4991
3.950	0.9806	1.0099	1.0051	0.4997	0.5032	0.4992
3.975	0.9780	1.0086	1.0062	0.4994	0.5031	0.4992
4.000	1.0000	1.0000	1.0000	0.4992	0.5030	0.4992

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.213 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0061	0.0002	0.0000	1.0000	1.0000	0.0000
0.875	0.0501	0.0044	0.0001	1.0000	1.0000	0.0000
0.900	0.1955	0.0409	0.0024	1.0000	1.0000	0.0000
0.925	0.4656	0.1847	0.0305	1.0000	1.0000	0.0004
0.950	0.8268	0.4937	0.1585	1.0000	1.0000	0.0026
0.975	1.1873	0.9257	0.4673	1.0000	1.0000	0.0099
1.000	1.4787	1.3615	0.9213	1.0000	1.0000	0.0251
1.025	1.6725	1.7011	1.3702	1.0000	1.0000	0.0479
1.050	1.7864	1.9118	1.7183	1.0000	1.0000	0.0754
1.075	1.8368	2.0092	1.8939	1.0000	1.0000	0.1038
1.100	1.8283	2.0021	1.9388	1.0000	1.0000	0.1301
1.125	1.7819	1.9472	1.8904	1.0000	1.0000	0.1530
1.150	1.7299	1.8555	1.7915	1.0000	1.0000	0.1721
1.175	1.6661	1.7541	1.6648	1.0000	1.0000	0.1876
1.200	1.5942	1.6506	1.5391	1.0000	1.0000	0.1999
1.225	1.5404	1.5464	1.4226	1.0000	0.9998	0.2095
1.250	1.4729	1.4518	1.3197	1.0000	0.9989	0.2169
1.275	1.4048	1.3705	1.2388	1.0000	0.9962	0.2227
1.300	1.3568	1.2958	1.1569	1.0000	0.9901	0.2269
1.325	1.3058	1.2364	1.0998	0.9999	0.9795	0.2301
1.350	1.2607	1.1758	1.0524	0.9994	0.9643	0.2326
1.375	1.2153	1.1313	1.0099	0.9981	0.9455	0.2343
1.400	1.1841	1.0879	0.9966	0.9949	0.9246	0.2357
1.425	1.1551	1.0470	0.9684	0.9891	0.9032	0.2368
1.450	1.1179	1.0230	0.9636	0.9798	0.8827	0.2377
1.475	1.0942	0.9949	0.9621	0.9670	0.8638	0.2385
1.500	1.0675	0.9793	0.9603	0.9512	0.8470	0.2393
1.525	1.0471	0.9662	0.9646	0.9334	0.8323	0.2400
1.550	1.0305	0.9557	0.9691	0.9146	0.8197	0.2407
1.575	1.0094	0.9490	0.9718	0.8957	0.8090	0.2413
1.600	1.0023	0.9481	0.9655	0.8774	0.8001	0.2419
1.625	0.9806	0.9466	0.9643	0.8602	0.7926	0.2424
1.650	0.9722	0.9458	0.9586	0.8444	0.7865	0.2427
1.675	0.9580	0.9472	0.9600	0.8301	0.7815	0.2430
1.700	0.9526	0.9502	0.9562	0.8173	0.7773	0.2431
1.725	0.9463	0.9511	0.9522	0.8060	0.7740	0.2432
1.750	0.9394	0.9506	0.9467	0.7960	0.7714	0.2431
1.775	0.9370	0.9495	0.9444	0.7873	0.7692	0.2429
1.800	0.9310	0.9486	0.9489	0.7797	0.7674	0.2427
1.825	0.9283	0.9476	0.9458	0.7731	0.7661	0.2424
1.850	0.9278	0.9441	0.9462	0.7675	0.7649	0.2421
1.875	0.9308	0.9435	0.9532	0.7626	0.7640	0.2419
1.900	0.9283	0.9431	0.9630	0.7585	0.7632	0.2417
1.925	0.9340	0.9401	0.9643	0.7550	0.7625	0.2416
1.950	0.9341	0.9417	0.9764	0.7521	0.7619	0.2415
1.975	0.9355	0.9407	0.9862	0.7496	0.7613	0.2416
2.000	0.9375	0.9406	0.9941	0.7475	0.7607	0.2417
2.025	0.9359	0.9403	1.0102	0.7459	0.7602	0.2419
2.050	0.9393	0.9432	1.0170	0.7445	0.7597	0.2422
2.075	0.9410	0.9454	1.0295	0.7434	0.7592	0.2426
2.100	0.9414	0.9454	1.0351	0.7426	0.7587	0.2430
2.125	0.9401	0.9501	1.0366	0.7420	0.7582	0.2434
2.150	0.9427	0.9546	1.0409	0.7416	0.7578	0.2439
2.175	0.9405	0.9593	1.0416	0.7413	0.7575	0.2444
2.200	0.9444	0.9625	1.0424	0.7411	0.7573	0.2448
2.225	0.9415	0.9687	1.0360	0.7411	0.7571	0.2453
2.250	0.9424	0.9769	1.0312	0.7412	0.7569	0.2456
2.275	0.9408	0.9828	1.0290	0.7413	0.7569	0.2460
2.300	0.9394	0.9901	1.0244	0.7414	0.7568	0.2463
2.325	0.9421	0.9988	1.0179	0.7416	0.7569	0.2466
2.350	0.9418	1.0046	1.0162	0.7418	0.7570	0.2468
2.375	0.9397	1.0116	1.0101	0.7420	0.7572	0.2470
2.400	0.9399	1.0159	1.0070	0.7422	0.7573	0.2471
2.425	0.9403	1.0207	1.0080	0.7424	0.7575	0.2473
2.450	0.9405	1.0233	1.0044	0.7426	0.7577	0.2474
2.475	0.9443	1.0250	1.0049	0.7428	0.7579	0.2475
2.500	0.9449	1.0236	1.0028	0.7430	0.7581	0.2477
2.525	0.9445	1.0266	0.9986		0.7583	0.2477

2.550	0.9467	1.0252	1.0003	0.7432	0.7584	0.2478
2.575	0.9516	1.0233	1.0013	0.7433	0.7584	0.2479
2.600	0.9520	1.0217	0.9984	0.7435	0.7585	0.2480
2.625	0.9534	1.0206	0.9993	0.7437	0.7584	0.2480
2.650	0.9593	1.0195	0.9986	0.7439	0.7584	0.2481
2.675	0.9588	1.0180	0.9972	0.7441	0.7583	0.2481
2.700	0.9627	1.0153	0.9978	0.7444	0.7581	0.2482
2.725	0.9649	1.0140	0.9997	0.7446	0.7579	0.2482
2.750	0.9685	1.0101	0.9967	0.7448	0.7576	0.2483
2.775	0.9732	1.0098	0.9992	0.7451	0.7573	0.2483
2.800	0.9794	1.0087	0.9990	0.7454	0.7570	0.2483
2.825	0.9795	1.0060	0.9993	0.7457	0.7567	0.2484
2.850	0.9856	1.0034	1.0002	0.7460	0.7563	0.2484
2.875	0.9910	1.0035	1.0004	0.7463	0.7560	0.2484
2.900	0.9932	1.0009	1.0005	0.7467	0.7556	0.2485
2.925	0.9988	1.0005	1.0023	0.7470	0.7553	0.2485
2.950	1.0034	0.9989	1.0010	0.7474	0.7550	0.2485
2.975	1.0080	0.9978	1.0020	0.7478	0.7546	0.2486
3.000	1.0108	0.9971	1.0009	0.7482	0.7544	0.2486
3.025	1.0134	0.9985	1.0019	0.7486	0.7541	0.2486
3.050	1.0168	0.9972	1.0043	0.7489	0.7539	0.2487
3.075	1.0205	0.9972	1.0066	0.7493	0.7536	0.2487
3.100	1.0241	0.9978	1.0055	0.7497	0.7534	0.2488
3.125	1.0266	0.9973	1.0064	0.7501	0.7533	0.2489
3.150	1.0299	0.9960	1.0074	0.7504	0.7531	0.2489
3.175	1.0297	0.9977	1.0047	0.7508	0.7530	0.2490
3.200	1.0314	0.9977	1.0054	0.7511	0.7529	0.2490
3.225	1.0301	0.9980	1.0062	0.7515	0.7528	0.2491
3.250	1.0300	0.9964	1.0066	0.7518	0.7526	0.2491
3.275	1.0307	0.9973	1.0068	0.7520	0.7525	0.2492
3.300	1.0272	0.9971	1.0037	0.7523	0.7525	0.2492
3.325	1.0282	0.9977	1.0057	0.7525	0.7524	0.2492
3.350	1.0257	0.9980	1.0045	0.7527	0.7523	0.2493
3.375	1.0244	0.9977	1.0045	0.7528	0.7522	0.2493
3.400	1.0265	0.9970	1.0052	0.7530	0.7522	0.2493
3.425	1.0238	0.9974	1.0060	0.7531	0.7521	0.2494
3.450	1.0220	0.9969	1.0037	0.7531	0.7521	0.2494
3.475	1.0186	0.9981	1.0042	0.7532	0.7520	0.2494
3.500	1.0201	0.9992	1.0025	0.7532	0.7520	0.2495
3.525	1.0189	0.9991	1.0022	0.7532	0.7519	0.2495
3.550	1.0139	1.0008	1.0027	0.7532	0.7519	0.2495
3.575	1.0141	0.9987	1.0009	0.7531	0.7519	0.2495
3.600	1.0132	0.9992	1.0012	0.7530	0.7518	0.2495
3.625	1.0121	0.9997	1.0000	0.7530	0.7518	0.2496
3.650	1.0110	1.0006	1.0011	0.7529	0.7518	0.2496
3.675	1.0071	0.9993	1.0006	0.7527	0.7517	0.2496
3.700	1.0075	1.0001	1.0026	0.7526	0.7517	0.2496
3.725	1.0042	1.0019	1.0030	0.7525	0.7517	0.2496
3.750	1.0071	1.0027	1.0037	0.7524	0.7517	0.2496
3.775	1.0037	1.0018	1.0005	0.7523	0.7516	0.2496
3.800	1.0030	1.0025	1.0017	0.7521	0.7516	0.2497
3.825	1.0023	1.0019	1.0015	0.7520	0.7516	0.2497
3.850	1.0013	1.0021	1.0020	0.7519	0.7516	0.2497
3.875	1.0004	1.0030	1.0026	0.7518	0.7515	0.2497
3.900	0.9997	1.0019	1.0016	0.7516	0.7515	0.2497
3.925	1.0011	1.0015	1.0040	0.7515	0.7515	0.2497
3.950	0.9990	1.0025	1.0024	0.7514	0.7515	0.2497
3.975	0.9997	1.0018	0.9878	0.7513	0.7514	0.2497
4.000	1.0000	1.0000	1.0000	0.7512	0.7514	0.2497

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.195 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0049	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0378	0.0034	0.0000	1.0000	1.0000	0.0000
0.900	0.1472	0.0320	0.0019	1.0000	1.0000	0.0000
0.925	0.3613	0.1412	0.0233	1.0000	1.0000	0.0001
0.950	0.6441	0.3818	0.1208	1.0000	1.0000	0.0007
0.975	0.9415	0.7263	0.3882	1.0000	1.0000	0.0030
1.000	1.1887	1.0902	0.7703	1.0000	1.0000	0.0077
1.025	1.3777	1.4012	1.1824	1.0000	1.0000	0.0152
1.050	1.4784	1.6073	1.5309	1.0000	1.0000	0.0247
1.075	1.5392	1.7125	1.7246	1.0000	1.0000	0.0350
1.100	1.5522	1.7421	1.8242	1.0000	1.0000	0.0451
1.125	1.5420	1.7230	1.8270	1.0000	1.0000	0.0545
1.150	1.5164	1.6714	1.7816	1.0000	1.0000	0.0627
1.175	1.4695	1.6067	1.6990	1.0000	1.0000	0.0698
1.200	1.4304	1.5308	1.5985	1.0000	1.0000	0.0756
1.225	1.3833	1.4612	1.4942	1.0000	0.9999	0.0803
1.250	1.3402	1.3918	1.3997	1.0000	0.9997	0.0839
1.275	1.3028	1.3311	1.3213	1.0000	0.9989	0.0868
1.300	1.2622	1.2771	1.2625	1.0000	0.9970	0.0891
1.325	1.2306	1.2257	1.2057	1.0000	0.9937	0.0909
1.350	1.2011	1.1826	1.1608	0.9998	0.9889	0.0923
1.375	1.1697	1.1454	1.1418	0.9994	0.9826	0.0934
1.400	1.1443	1.1071	1.1151	0.9985	0.9753	0.0944
1.425	1.1193	1.0830	1.0994	0.9968	0.9676	0.0952
1.450	1.0980	1.0564	1.0946	0.9941	0.9599	0.0959
1.475	1.0790	1.0381	1.0896	0.9903	0.9524	0.0966
1.500	1.0632	1.0269	1.0817	0.9854	0.9455	0.0972
1.525	1.0473	1.0164	1.0829	0.9797	0.9392	0.0977
1.550	1.0356	1.0066	1.1008	0.9735	0.9336	0.0983
1.575	1.0240	1.0035	1.0907	0.9670	0.9287	0.0989
1.600	1.0115	0.9998	1.0938	0.9605	0.9244	0.0994
1.625	1.0061	1.0012	1.0874	0.9541	0.9208	0.0998
1.650	0.9961	1.0032	1.0904	0.9482	0.9178	0.1003
1.675	0.9898	1.0060	1.0789	0.9426	0.9153	0.1007
1.700	0.9868	1.0052	1.0693	0.9374	0.9132	0.1010
1.725	0.9815	1.0096	1.0537	0.9328	0.9114	0.1012
1.750	0.9765	1.0052	1.0501	0.9286	0.9099	0.1014
1.775	0.9766	1.0070	1.0430	0.9248	0.9087	0.1015
1.800	0.9704	1.0045	1.0339	0.9215	0.9077	0.1016
1.825	0.9722	1.0036	1.0394	0.9185	0.9068	0.1017
1.850	0.9709	1.0014	1.0274	0.9159	0.9061	0.1017
1.875	0.9750	0.9981	1.0303	0.9136	0.9054	0.1017
1.900	0.9725	0.9961	1.0330	0.9116	0.9048	0.1018
1.925	0.9738	0.9939	1.0296	0.9099	0.9043	0.1018
1.950	0.9733	0.9915	1.0207	0.9084	0.9037	0.1018
1.975	0.9773	0.9921	1.0260	0.9070	0.9033	0.1018
2.000	0.9776	0.9889	1.0255	0.9059	0.9028	0.1018
2.025	0.9813	0.9874	1.0214	0.9050	0.9024	0.1018
2.050	0.9816	0.9830	1.0231	0.9042	0.9020	0.1018
2.075	0.9848	0.9812	1.0289	0.9035	0.9016	0.1018
2.100	0.9857	0.9793	1.0252	0.9029	0.9011	0.1018
2.125	0.9849	0.9826	1.0256	0.9025	0.9008	0.1018
2.150	0.9871	0.9810	1.0270	0.9021	0.9004	0.1018
2.175	0.9879	0.9838	1.0228	0.9018	0.9001	0.1018
2.200	0.9852	0.9824	1.0281	0.9015	0.8997	0.1018
2.225	0.9871	0.9827	1.0233	0.9013	0.8994	0.1018
2.250	0.9872	0.9865	1.0224	0.9011	0.8992	0.1018
2.275	0.9854	0.9873	1.0146	0.9010	0.8990	0.1018
2.300	0.9863	0.9926	1.0233	0.9009	0.8988	0.1018
2.325	0.9868	0.9914	1.0121	0.9008	0.8987	0.1018
2.350	0.9836	0.9946	1.0141	0.9007	0.8985	0.1018
2.375	0.9824	0.9944	1.0185	0.9006	0.8985	0.1017
2.400	0.9847	0.9951	1.0197	0.9006	0.8984	0.1017
2.425	0.9835	1.0002	1.0031	0.9005	0.8983	0.1017
2.450	0.9826	1.0011	1.0061	0.9005	0.8983	0.1017
2.475	0.9830	0.9993	1.0022	0.9004	0.8983	0.1016
2.500	0.9810	1.0014	0.9979	0.9003	0.8983	0.1016
2.525	0.9811	1.0034	1.0003	0.9002	0.8982	0.1015

2.550	0.9817	1.0039	1.0110	0.9002	0.8982	0.1015
2.575	0.9828	1.0033	1.0056	0.9001	0.8982	0.1015
2.600	0.9831	1.0032	1.0110	0.9000	0.8982	0.1014
2.625	0.9838	1.0048	1.0082	0.9000	0.8982	0.1014
2.650	0.9828	1.0050	1.0097	0.8999	0.8982	0.1014
2.675	0.9846	1.0039	1.0076	0.8999	0.8982	0.1014
2.700	0.9845	1.0024	1.0121	0.8998	0.8982	0.1013
2.725	0.9857	1.0033	1.0118	0.8998	0.8982	0.1013
2.750	0.9861	1.0037	1.0054	0.8998	0.8982	0.1013
2.775	0.9882	1.0023	1.0055	0.8997	0.8982	0.1013
2.800	0.9880	1.0015	1.0072	0.8997	0.8982	0.1013
2.825	0.9886	1.0029	1.0033	0.8997	0.8982	0.1012
2.850	0.9883	1.0024	1.0061	0.8997	0.8982	0.1012
2.875	0.9921	1.0005	1.0033	0.8997	0.8982	0.1012
2.900	0.9919	1.0027	1.0048	0.8997	0.8982	0.1012
2.925	0.9943	1.0008	1.0052	0.8997	0.8982	0.1011
2.950	0.9968	1.0025	1.0064	0.8997	0.8982	0.1011
2.975	0.9963	1.0033	1.0037	0.8998	0.8982	0.1011
3.000	0.9977	1.0007	1.0092	0.8998	0.8982	0.1011
3.025	0.9986	1.0010	1.0035	0.8998	0.8982	0.1011
3.050	0.9991	1.0007	1.0057	0.8999	0.8982	0.1011
3.075	0.9995	1.0008	1.0045	0.8999	0.8982	0.1010
3.100	1.0012	1.0007	1.0036	0.8999	0.8982	0.1010
3.125	1.0033	0.9997	1.0060	0.9000	0.8982	0.1010
3.150	1.0040	0.9999	1.0003	0.9000	0.8983	0.1010
3.175	1.0047	1.0020	0.9976	0.9001	0.8983	0.1010
3.200	1.0044	1.0011	1.0013	0.9001	0.8983	0.1009
3.225	1.0064	1.0006	0.9970	0.9002	0.8983	0.1009
3.250	1.0057	1.0015	1.0040	0.9002	0.8983	0.1009
3.275	1.0041	0.9990	1.0040	0.9003	0.8984	0.1009
3.300	1.0060	0.9996	0.9988	0.9003	0.8984	0.1008
3.325	1.0068	1.0005	1.0006	0.9004	0.8984	0.1008
3.350	1.0045	0.9982	1.0012	0.9004	0.8985	0.1008
3.375	1.0050	1.0005	1.0000	0.9004	0.8985	0.1008
3.400	1.0053	0.9992	1.0044	0.9005	0.8985	0.1008
3.425	1.0043	1.0009	1.0046	0.9005	0.8985	0.1008
3.450	1.0054	1.0001	1.0054	0.9005	0.8986	0.1007
3.475	1.0050	1.0003	1.0049	0.9005	0.8986	0.1007
3.500	1.0032	0.9991	1.0073	0.9006	0.8986	0.1007
3.525	1.0051	0.9998	1.0032	0.9006	0.8986	0.1007
3.550	1.0038	1.0005	1.0019	0.9006	0.8986	0.1007
3.575	1.0024	0.9998	1.0012	0.9006	0.8986	0.1007
3.600	1.0023	0.9997	1.0020	0.9006	0.8987	0.1007
3.625	1.0023	0.9989	1.0000	0.9006	0.8987	0.1007
3.650	1.0013	1.0007	0.9990	0.9006	0.8987	0.1006
3.675	1.0033	0.9994	0.9961	0.9006	0.8987	0.1006
3.700	1.0030	0.9999	1.0022	0.9006	0.8987	0.1006
3.725	1.0022	0.9997	1.0052	0.9006	0.8987	0.1006
3.750	1.0018	0.9993	0.9975	0.9006	0.8987	0.1006
3.775	1.0014	0.9997	1.0010	0.9006	0.8988	0.1006
3.800	1.0017	1.0003	1.0023	0.9005	0.8988	0.1006
3.825	1.0025	0.9996	0.9988	0.9005	0.8988	0.1005
3.850	1.0026	1.0006	0.9966	0.9005	0.8988	0.1005
3.875	1.0009	1.0005	0.9966	0.9005	0.8988	0.1005
3.900	1.0021	1.0001	0.9975	0.9005	0.8989	0.1005
3.925	1.0015	0.9998	1.0027	0.9005	0.8989	0.1005
3.950	1.0021	1.0002	0.9999	0.9005	0.8989	0.1005
3.975	1.0007	0.9992	0.9987	0.9005	0.8989	0.1005
4.000	1.0000	1.0000	1.0000	0.9005	0.8989	0.1004

RADIAL DISTRIBUTION FUNCTIONS AND LOCAL COMPOSITIONS FOR T*=3.0

σ_{22}/σ_{11}= 2.00 ρ^*= 0.178 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 3.00

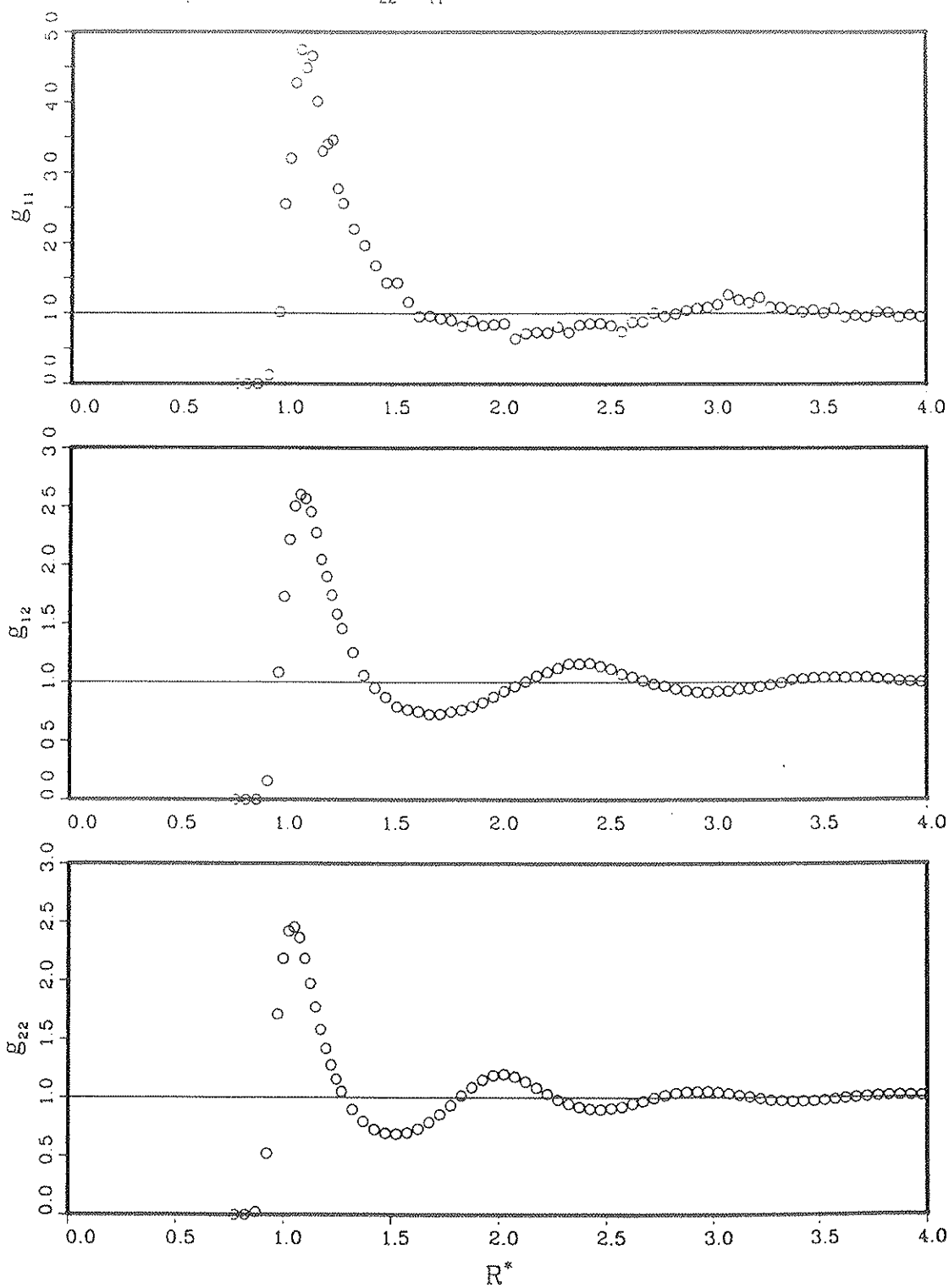
R*	g_{11}	g_{12}	g_{22}	X_{11}	X_{12}	X_{22}
0.850	0.0044	0.0001	0.0000	1.0000	1.0000	0.0000
0.875	0.0343	0.0028	0.0000	1.0000	1.0000	0.0000
0.900	0.1351	0.0300	0.0014	1.0000	1.0000	0.0000
0.925	0.3339	0.1320	0.0220	1.0000	1.0000	0.0001
0.950	0.6046	0.3614	0.1150	1.0000	1.0000	0.0003
0.975	0.8777	0.6887	0.3662	1.0000	1.0000	0.0013
1.000	1.1180	1.0471	0.7566	1.0000	1.0000	0.0036
1.025	1.2967	1.3482	1.1853	1.0000	1.0000	0.0071
1.050	1.4053	1.5559	1.5636	1.0000	1.0000	0.0118
1.075	1.4640	1.6664	1.7751	1.0000	1.0000	0.0170
1.100	1.4841	1.7030	1.8796	1.0000	1.0000	0.0221
1.125	1.4766	1.6911	1.8850	1.0000	1.0000	0.0269
1.150	1.4516	1.6469	1.8219	1.0000	1.0000	0.0311
1.175	1.4201	1.5908	1.7320	1.0000	1.0000	0.0347
1.200	1.3838	1.5286	1.6614	1.0000	1.0000	0.0377
1.225	1.3445	1.4578	1.5365	1.0000	1.0000	0.0402
1.250	1.3101	1.4000	1.4778	1.0000	0.9999	0.0421
1.275	1.2745	1.3397	1.4019	1.0000	0.9995	0.0438
1.300	1.2357	1.2938	1.3425	1.0000	0.9987	0.0450
1.325	1.2070	1.2431	1.2790	1.0000	0.9971	0.0461
1.350	1.1801	1.2039	1.2598	0.9999	0.9948	0.0469
1.375	1.1562	1.1655	1.2166	0.9997	0.9918	0.0476
1.400	1.1328	1.1383	1.1967	0.9993	0.9882	0.0482
1.425	1.1091	1.1095	1.1856	0.9985	0.9843	0.0487
1.450	1.0938	1.0858	1.1666	0.9973	0.9804	0.0491
1.475	1.0761	1.0670	1.1539	0.9955	0.9766	0.0495
1.500	1.0610	1.0575	1.1538	0.9932	0.9731	0.0498
1.525	1.0469	1.0484	1.1502	0.9905	0.9698	0.0502
1.550	1.0359	1.0359	1.1520	0.9875	0.9670	0.0505
1.575	1.0246	1.0357	1.1300	0.9844	0.9645	0.0507
1.600	1.0161	1.0267	1.1530	0.9812	0.9623	0.0510
1.625	1.0082	1.0268	1.1573	0.9781	0.9604	0.0513
1.650	1.0013	1.0294	1.1386	0.9752	0.9588	0.0515
1.675	0.9952	1.0259	1.1195	0.9724	0.9574	0.0517
1.700	0.9919	1.0277	1.1236	0.9698	0.9562	0.0519
1.725	0.9862	1.0294	1.1142	0.9675	0.9553	0.0520
1.750	0.9842	1.0295	1.1069	0.9653	0.9544	0.0522
1.775	0.9820	1.0265	1.0894	0.9634	0.9537	0.0523
1.800	0.9798	1.0268	1.0943	0.9617	0.9531	0.0523
1.825	0.9823	1.0288	1.0869	0.9601	0.9525	0.0524
1.850	0.9794	1.0252	1.0625	0.9588	0.9521	0.0524
1.875	0.9815	1.0234	1.0629	0.9575	0.9517	0.0524
1.900	0.9806	1.0198	1.0563	0.9565	0.9513	0.0524
1.925	0.9821	1.0172	1.0454	0.9556	0.9510	0.0524
1.950	0.9863	1.0153	1.0407	0.9547	0.9507	0.0524
1.975	0.9853	1.0133	1.0446	0.9540	0.9504	0.0523
2.000	0.9890	1.0116	1.0405	0.9534	0.9502	0.0523
2.025	0.9902	1.0094	1.0325	0.9529	0.9499	0.0523
2.050	0.9922	1.0063	1.0233	0.9524	0.9497	0.0522
2.075	0.9948	1.0072	1.0305	0.9521	0.9495	0.0522
2.100	0.9933	1.0054	1.0333	0.9517	0.9493	0.0521
2.125	0.9943	1.0035	1.0381	0.9514	0.9491	0.0521
2.150	0.9966	1.0004	1.0108	0.9512	0.9489	0.0521
2.175	0.9953	1.0005	1.0182	0.9510	0.9487	0.0520
2.200	0.9958	0.9984	1.0154	0.9508	0.9485	0.0520
2.225	0.9966	0.9982	1.0127	0.9507	0.9483	0.0519
2.250	0.9959	0.9990	1.0070	0.9506	0.9482	0.0518
2.275	0.9960	0.9972	0.9987	0.9505	0.9481	0.0518
2.300	0.9970	0.9990	1.0044	0.9504	0.9480	0.0517
2.325	0.9942	0.9995	1.0057	0.9503	0.9479	0.0517
2.350	0.9945	1.0014	1.0004	0.9502	0.9478	0.0516
2.375	0.9944	1.0013	1.0020	0.9502	0.9477	0.0515
2.400	0.9938	1.0056	0.9985	0.9501	0.9477	0.0515
2.425	0.9943	1.0037	0.9911	0.9501	0.9476	0.0514
2.450	0.9926	1.0016	0.9929	0.9500	0.9476	0.0514
2.475	0.9926	1.0030	0.9885	0.9500	0.9476	0.0513
2.500	0.9917	1.0035	0.9945	0.9499	0.9476	0.0512
2.525	0.9917	1.0048	0.9906	0.9499	0.9476	0.0512

2.550	0.9918	1.0037	0.9820	0.9499	0.9476	0.0511
2.575	0.9923	1.0056	0.9872	0.9498	0.9476	0.0511
2.600	0.9912	1.0065	0.9881	0.9498	0.9476	0.0510
2.625	0.9920	1.0055	0.9771	0.9497	0.9476	0.0509
2.650	0.9916	1.0059	0.9800	0.9497	0.9477	0.0509
2.675	0.9924	1.0047	0.9785	0.9497	0.9477	0.0508
2.700	0.9908	1.0046	0.9826	0.9496	0.9477	0.0508
2.725	0.9934	1.0015	0.9796	0.9496	0.9478	0.0507
2.750	0.9932	1.0026	0.9774	0.9496	0.9478	0.0507
2.775	0.9923	1.0036	0.9828	0.9496	0.9478	0.0506
2.800	0.9927	1.0043	0.9809	0.9495	0.9479	0.0506
2.825	0.9938	1.0038	0.9702	0.9495	0.9479	0.0505
2.850	0.9944	1.0020	0.9763	0.9495	0.9479	0.0505
2.875	0.9928	1.0038	0.9740	0.9495	0.9479	0.0504
2.900	0.9945	1.0030	0.9779	0.9495	0.9480	0.0504
2.925	0.9960	1.0048	0.9855	0.9495	0.9480	0.0503
2.950	0.9957	1.0034	0.9826	0.9495	0.9481	0.0503
2.975	0.9961	1.0031	0.9737	0.9495	0.9481	0.0503
3.000	0.9961	1.0026	0.9784	0.9495	0.9482	0.0502
3.025	0.9986	1.0033	0.9877	0.9495	0.9482	0.0502
3.050	0.9979	1.0031	0.9886	0.9495	0.9483	0.0502
3.075	0.9986	1.0030	0.9901	0.9495	0.9483	0.0501
3.100	0.9991	1.0021	0.9841	0.9495	0.9483	0.0501
3.125	0.9996	1.0007	0.9883	0.9495	0.9484	0.0501
3.150	1.0002	1.0020	0.9907	0.9495	0.9484	0.0501
3.175	0.9998	0.9996	0.9859	0.9495	0.9485	0.0501
3.200	1.0006	1.0025	0.9889	0.9495	0.9485	0.0500
3.225	1.0014	1.0003	0.9972	0.9495	0.9486	0.0500
3.250	1.0020	1.0020	0.9880	0.9496	0.9486	0.0500
3.275	1.0014	1.0025	0.9944	0.9496	0.9486	0.0500
3.300	1.0010	1.0024	0.9965	0.9496	0.9487	0.0500
3.325	1.0018	1.0029	0.9845	0.9496	0.9487	0.0500
3.350	1.0014	1.0026	0.9926	0.9496	0.9488	0.0500
3.375	1.0023	1.0029	0.9941	0.9496	0.9488	0.0499
3.400	1.0017	1.0019	0.9941	0.9497	0.9489	0.0499
3.425	1.0008	1.0025	0.9938	0.9497	0.9489	0.0499
3.450	1.0015	1.0012	0.9889	0.9497	0.9490	0.0499
3.475	1.0017	1.0037	0.9937	0.9497	0.9490	0.0499
3.500	1.0016	1.0015	0.9950	0.9497	0.9491	0.0499
3.525	1.0009	1.0020	0.9951	0.9497	0.9491	0.0499
3.550	1.0020	1.0006	0.9934	0.9497	0.9491	0.0499
3.575	1.0018	1.0020	0.9953	0.9497	0.9492	0.0499
3.600	1.0014	1.0005	0.9887	0.9497	0.9492	0.0499
3.625	1.0011	1.0021	0.9865	0.9498	0.9493	0.0499
3.650	1.0007	1.0026	0.9866	0.9498	0.9493	0.0498
3.675	1.0004	1.0026	0.9837	0.9498	0.9494	0.0498
3.700	1.0009	1.0015	0.9903	0.9498	0.9494	0.0498
3.725	1.0010	1.0020	0.9998	0.9498	0.9494	0.0498
3.750	1.0007	1.0020	0.9889	0.9498	0.9495	0.0498
3.775	1.0014	1.0011	1.0000	0.9498	0.9495	0.0498
3.800	1.0001	1.0011	0.9920	0.9498	0.9495	0.0498
3.825	1.0007	1.0009	0.9941	0.9498	0.9496	0.0498
3.850	1.0010	1.0011	0.9897	0.9498	0.9496	0.0498
3.875	1.0007	1.0012	0.9908	0.9498	0.9496	0.0498
3.900	1.0004	1.0011	0.9878	0.9498	0.9497	0.0498
3.925	1.0005	1.0005	0.9917	0.9498	0.9497	0.0498
3.950	1.0002	1.0017	0.9916	0.9498	0.9497	0.0497
3.975	1.0006	1.0007	0.9977	0.9498	0.9498	0.0497
4.000	1.0000	1.0000	1.0000	0.9498	0.9498	0.0497

Appendix B
Plots of Radial Distribution Functions

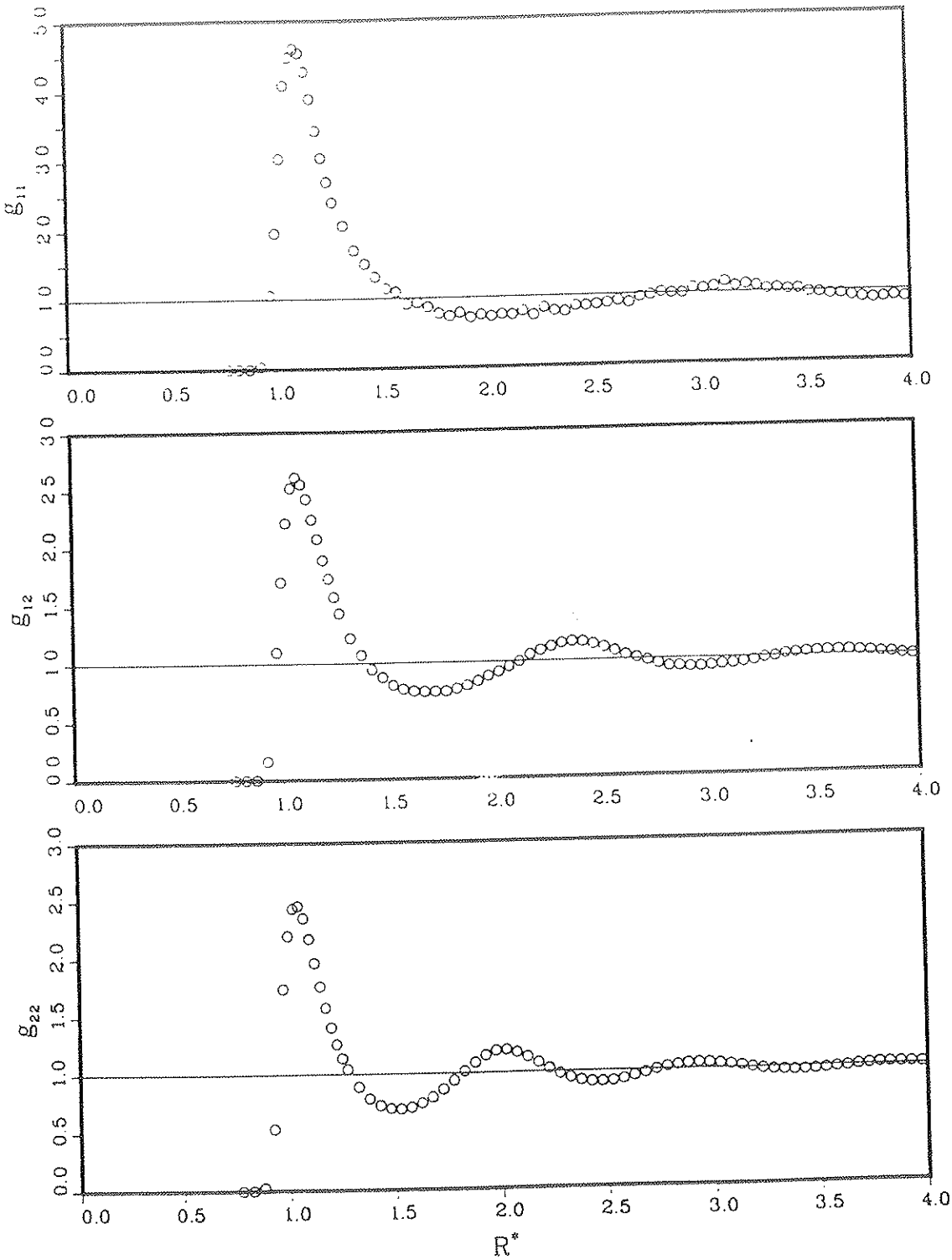
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1150$



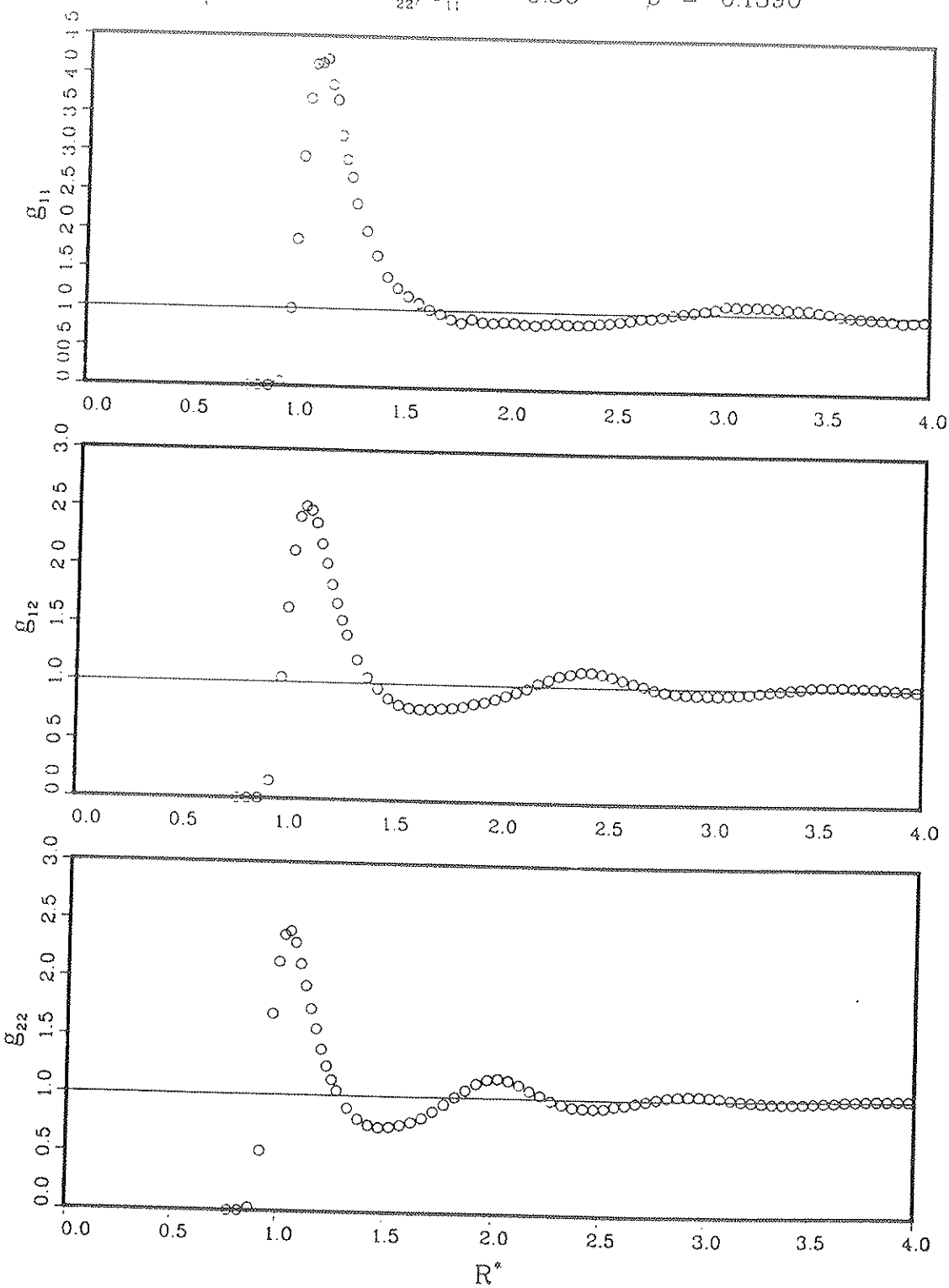
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1210$



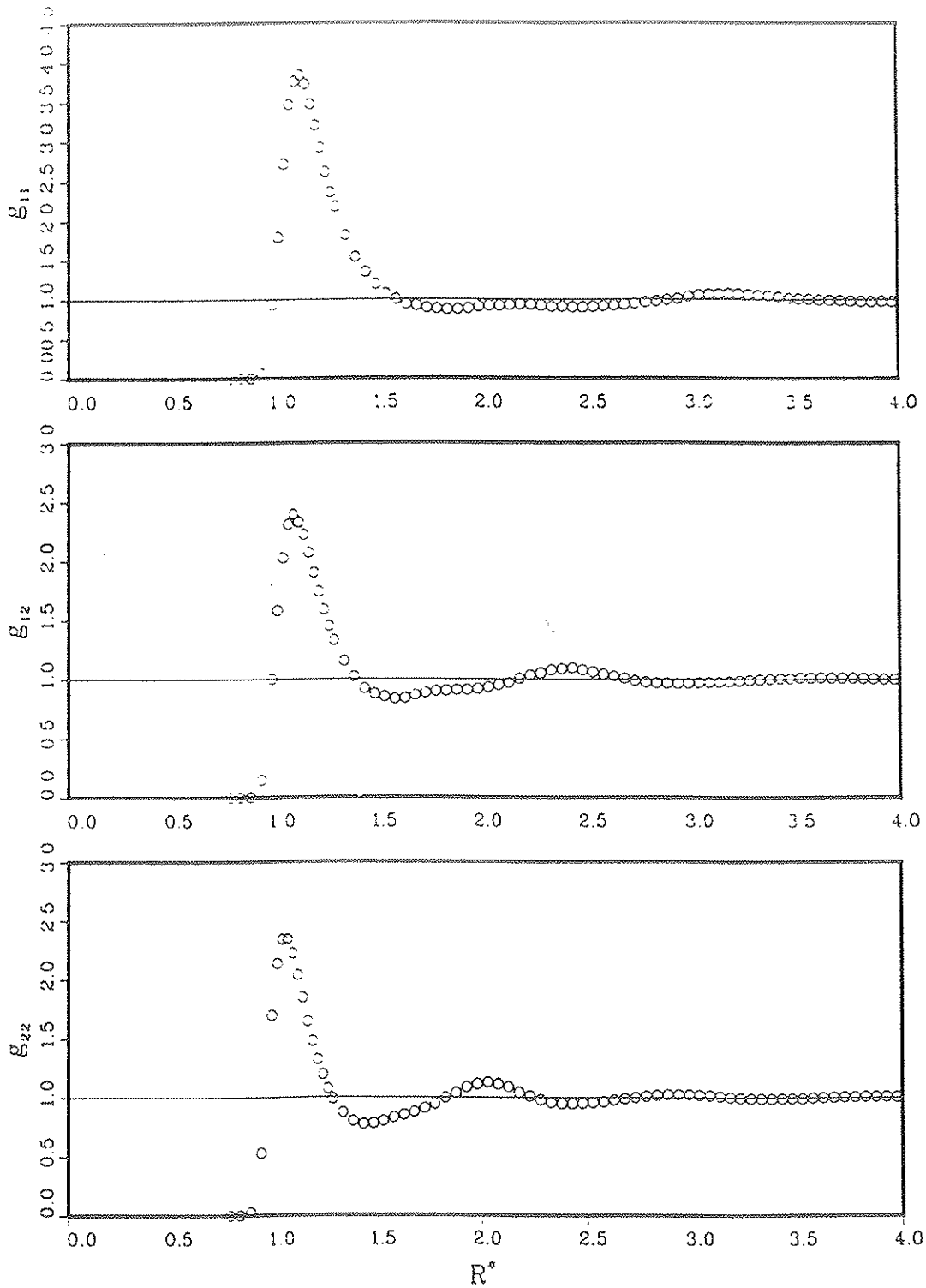
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1390$

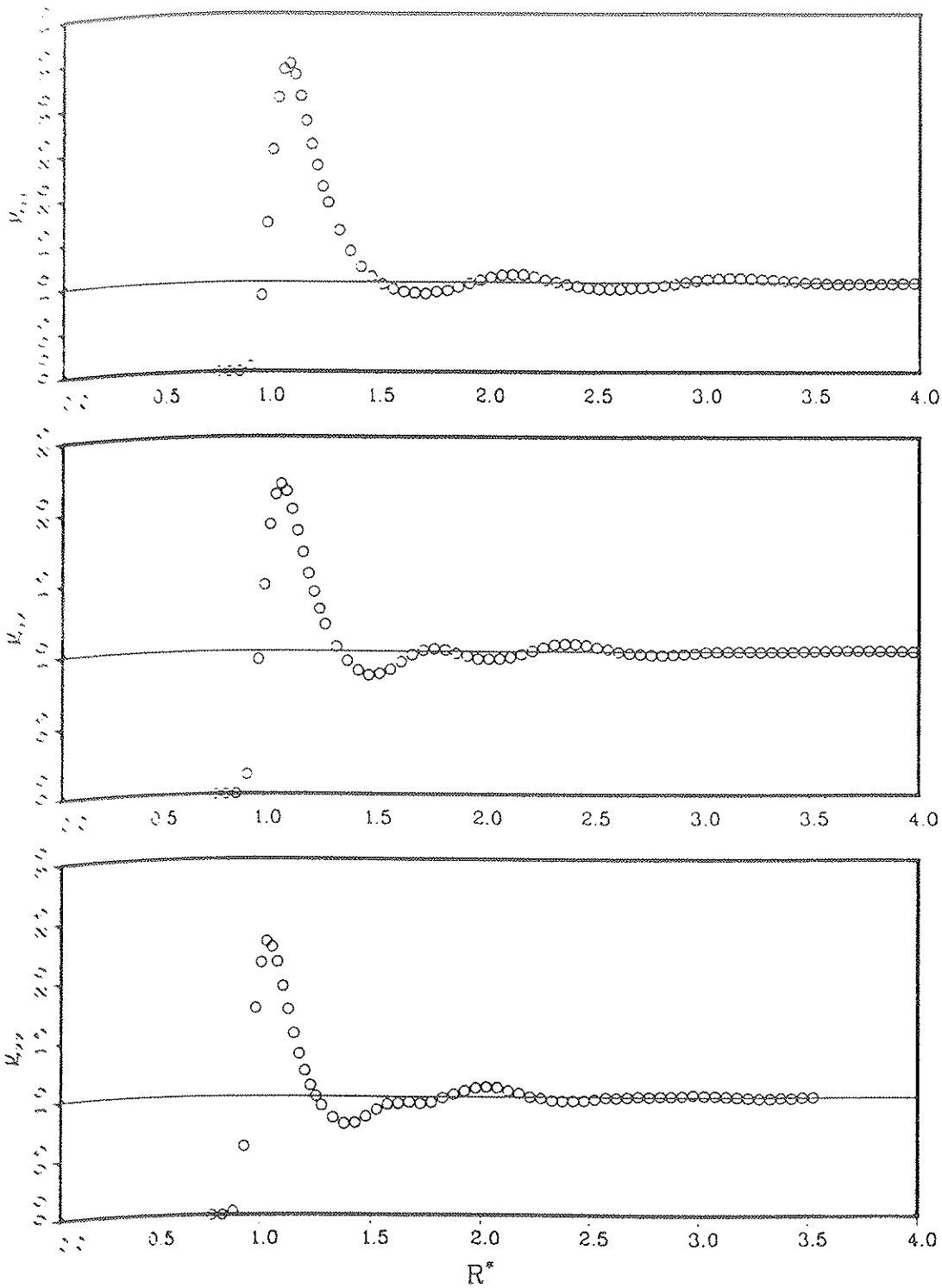


Radial Distribution Functions for $T^* =$ [illegible]

$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* =$ [illegible]

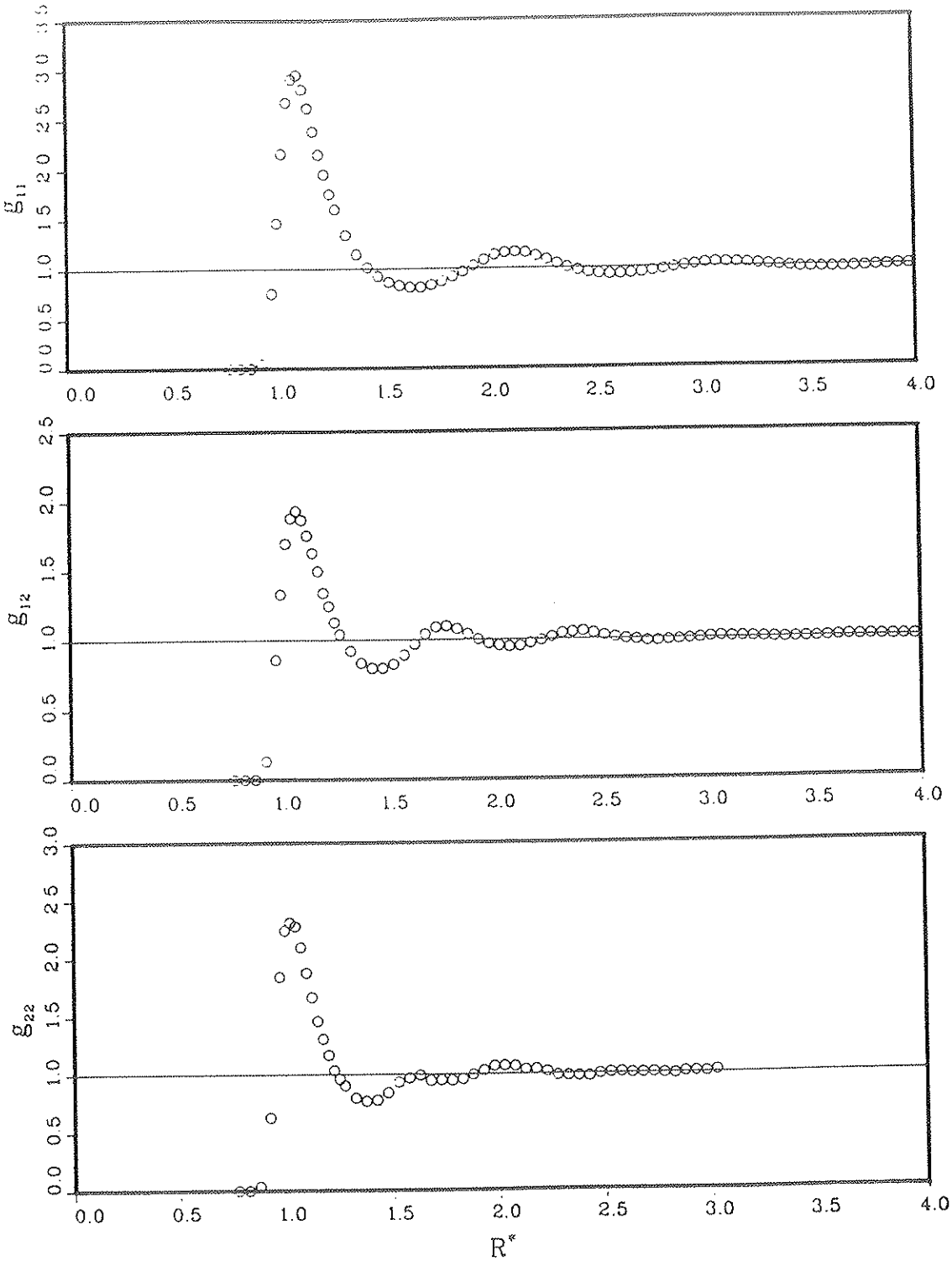


Radial Distribution Functions for $T^* = 1.00$
$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.3030$



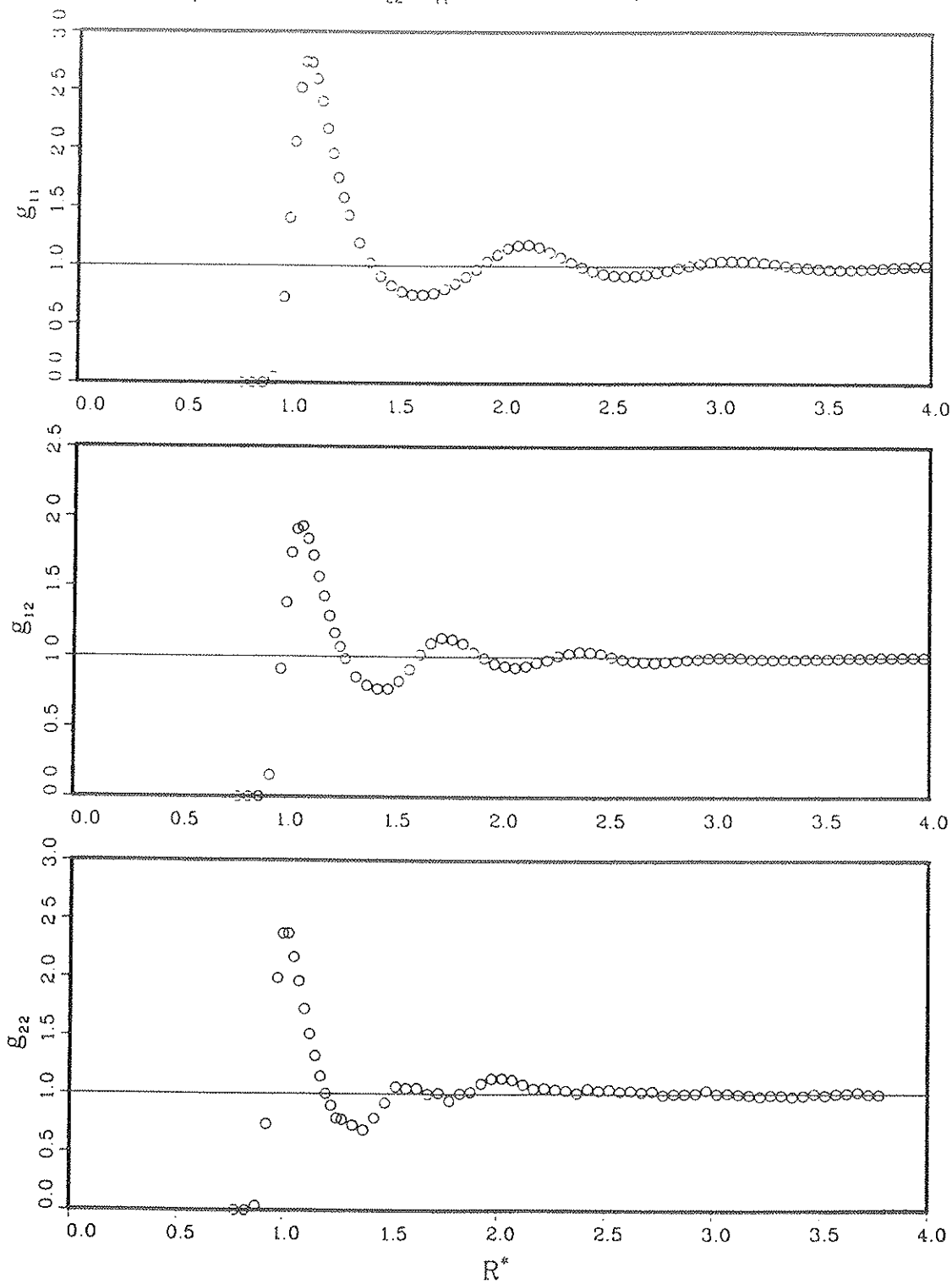
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.4660$



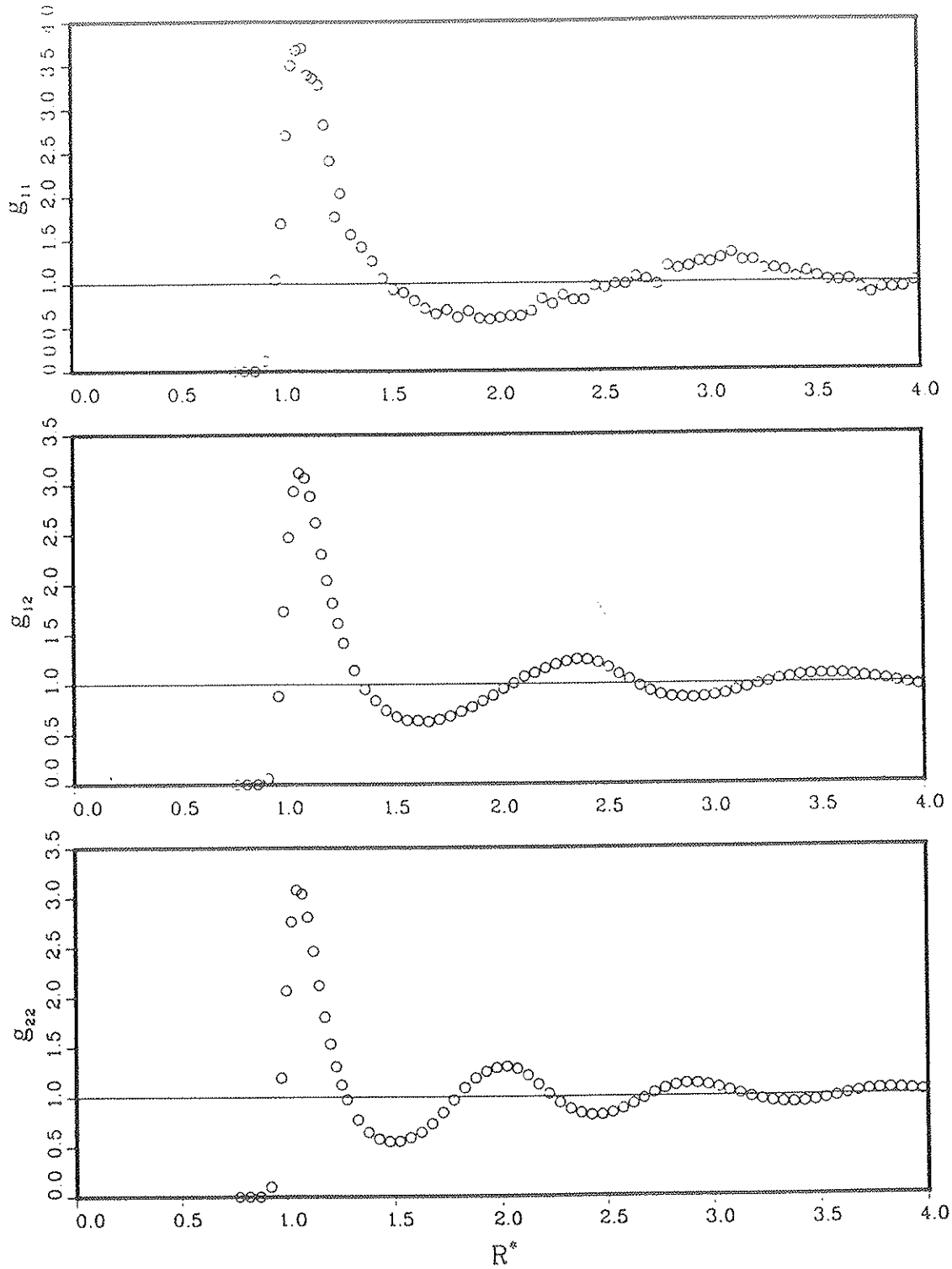
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.5830$



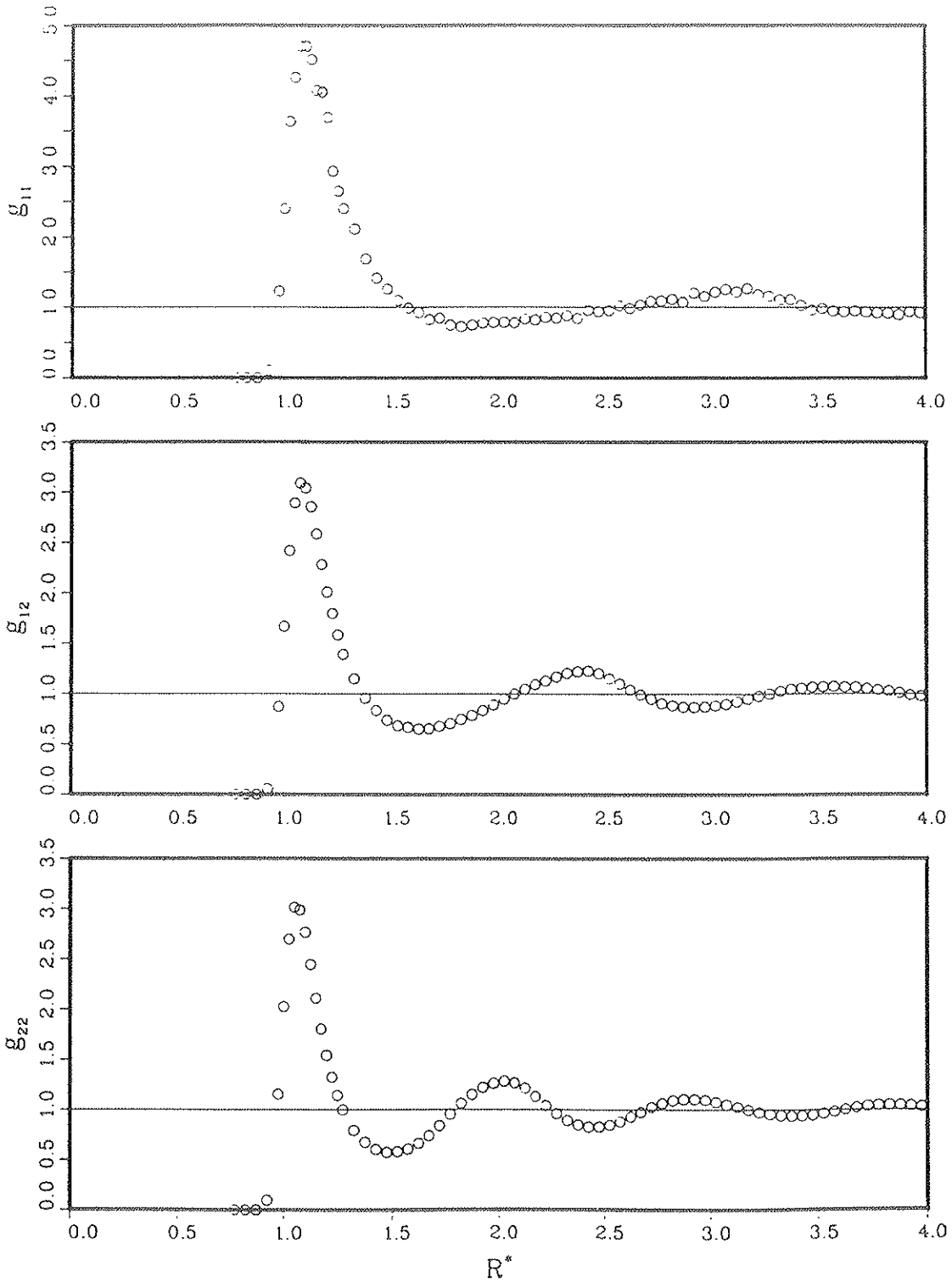
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1220$



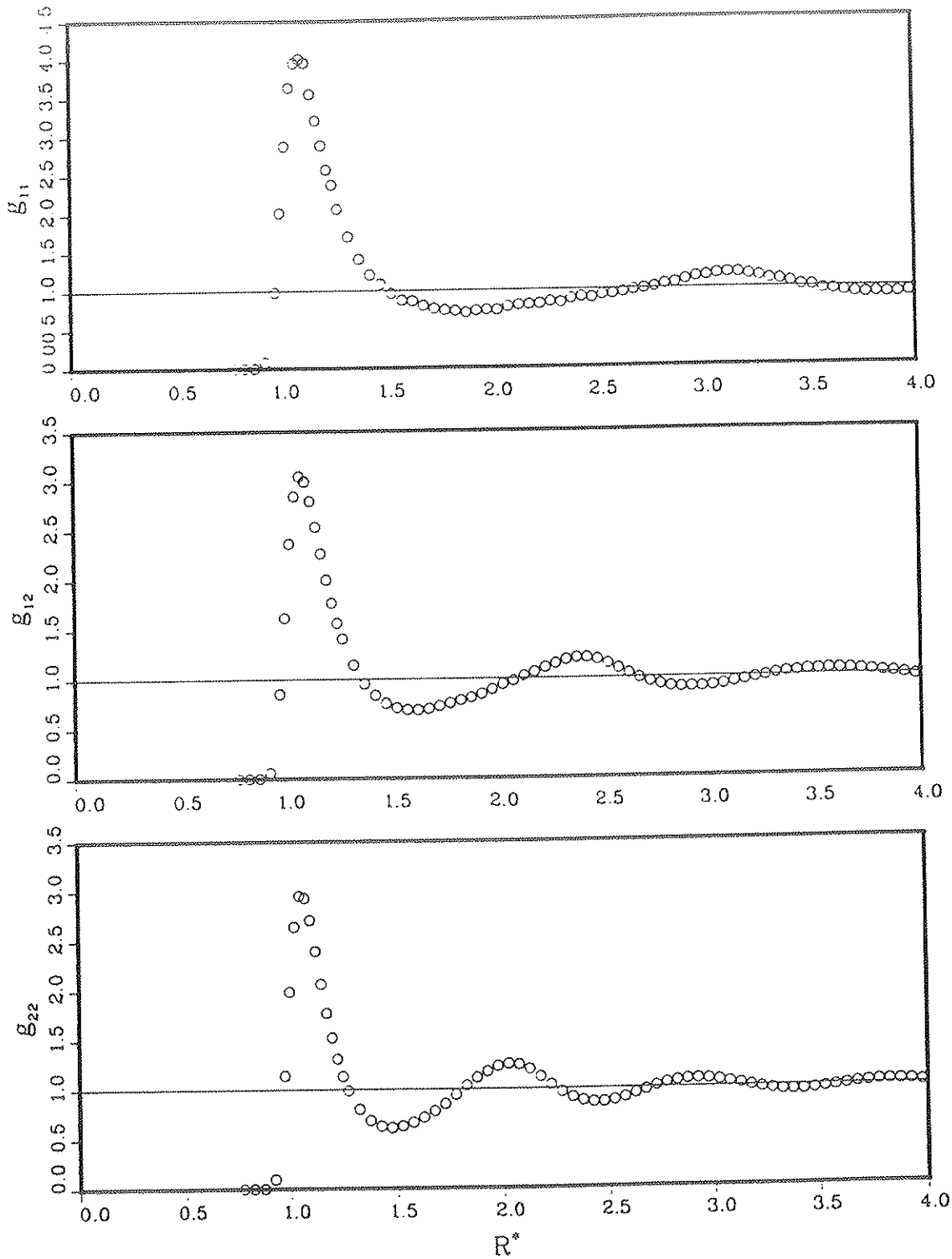
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1270$



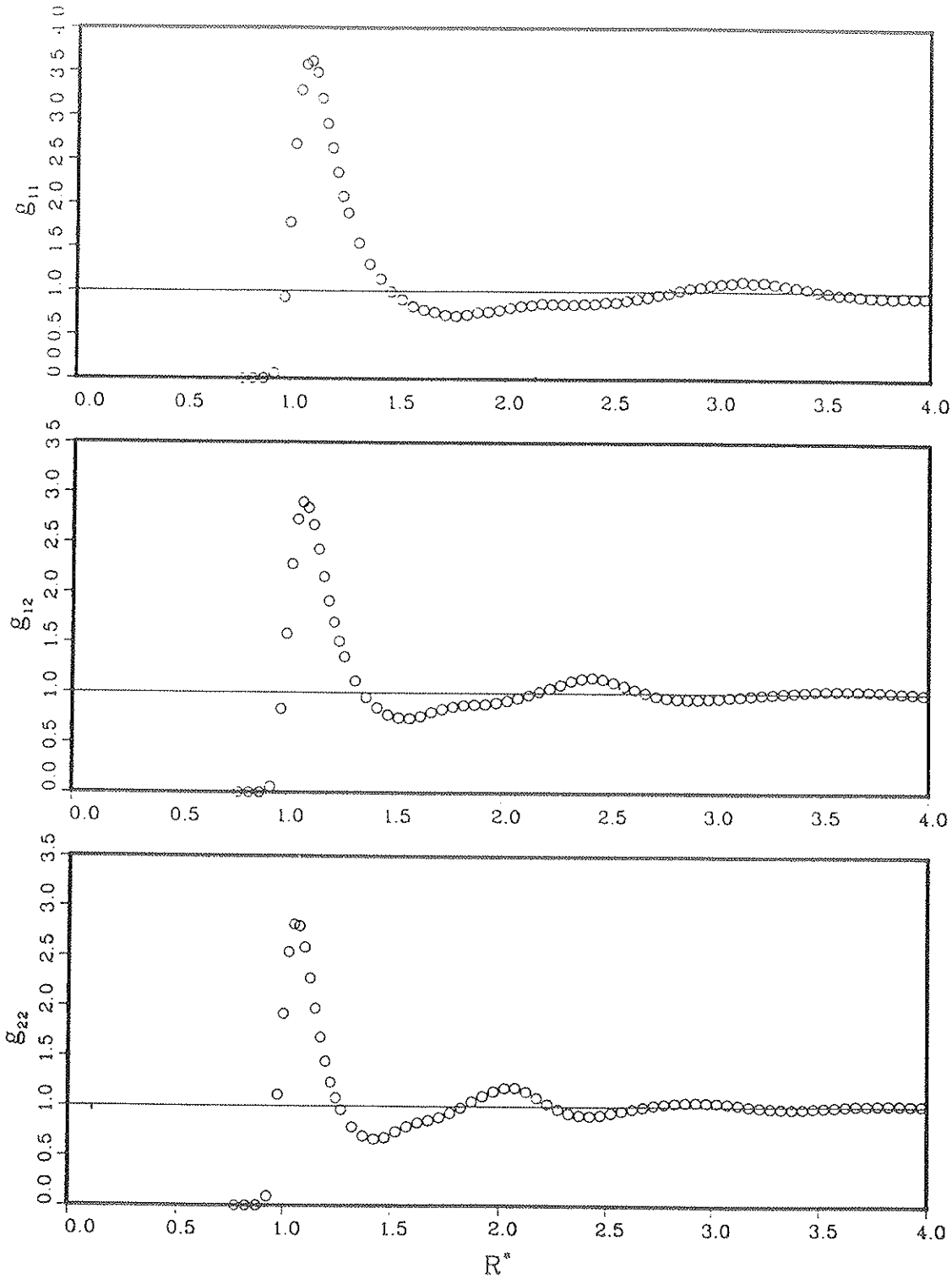
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1470$



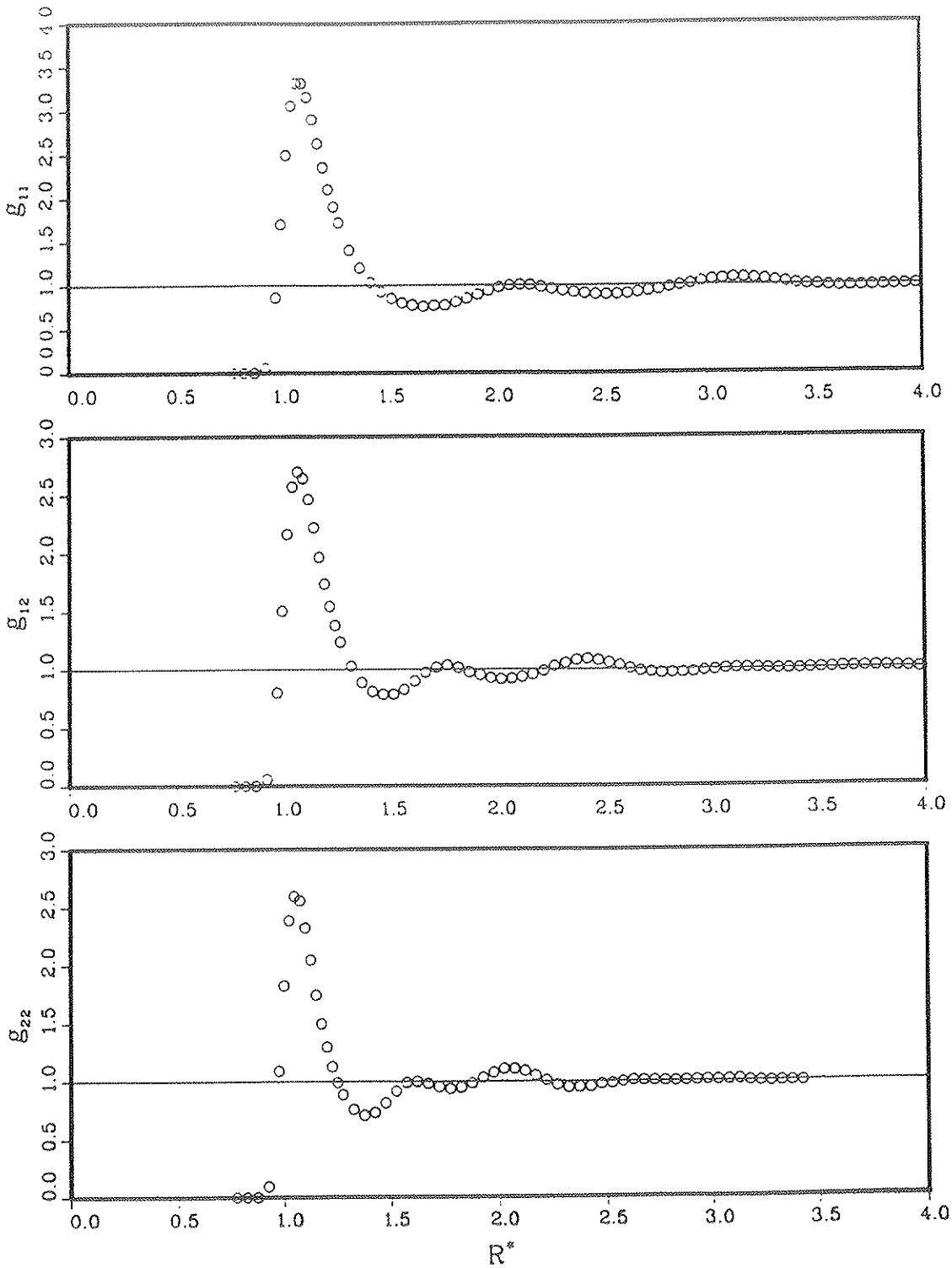
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.2000$

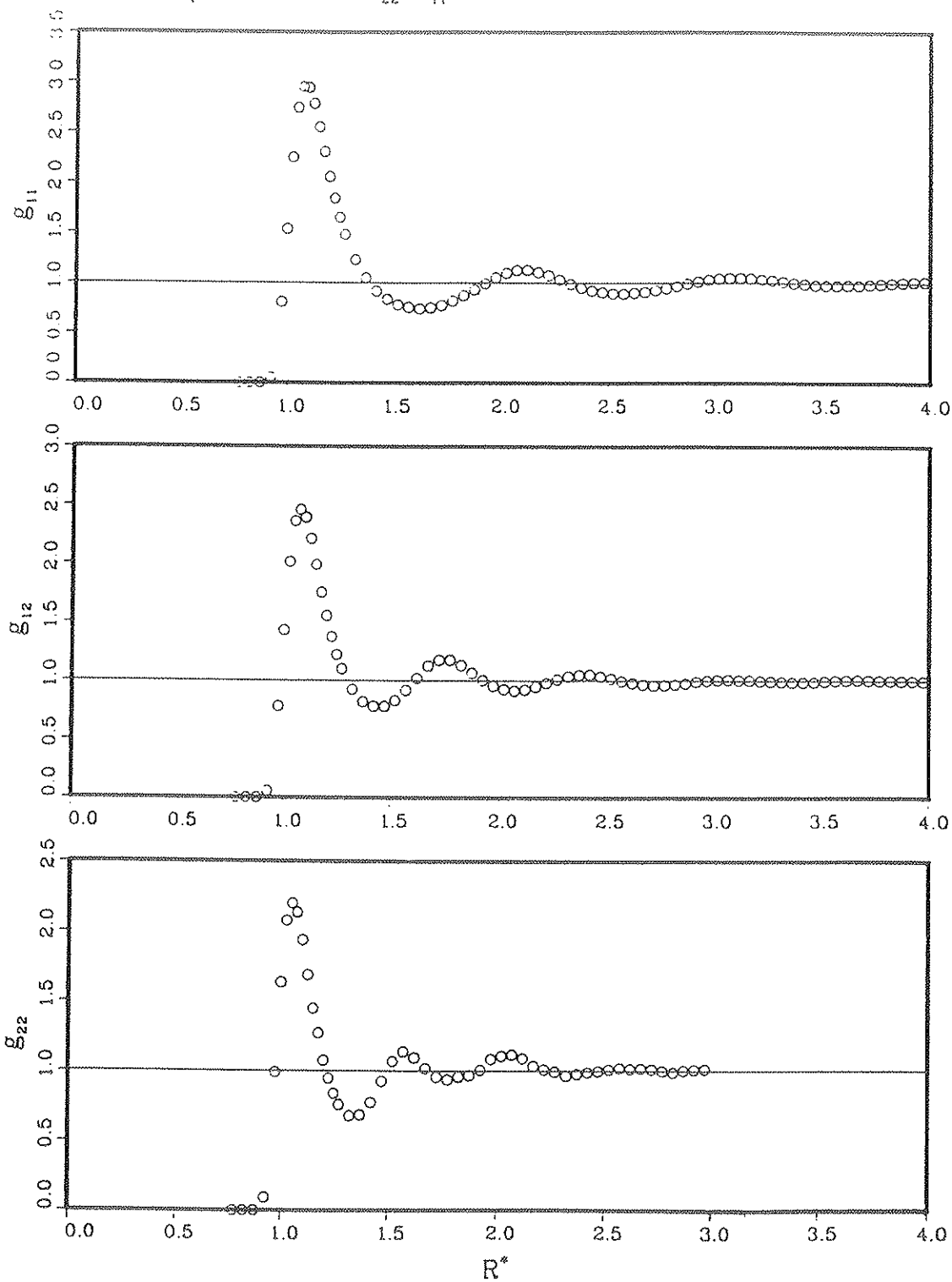


Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.3190$

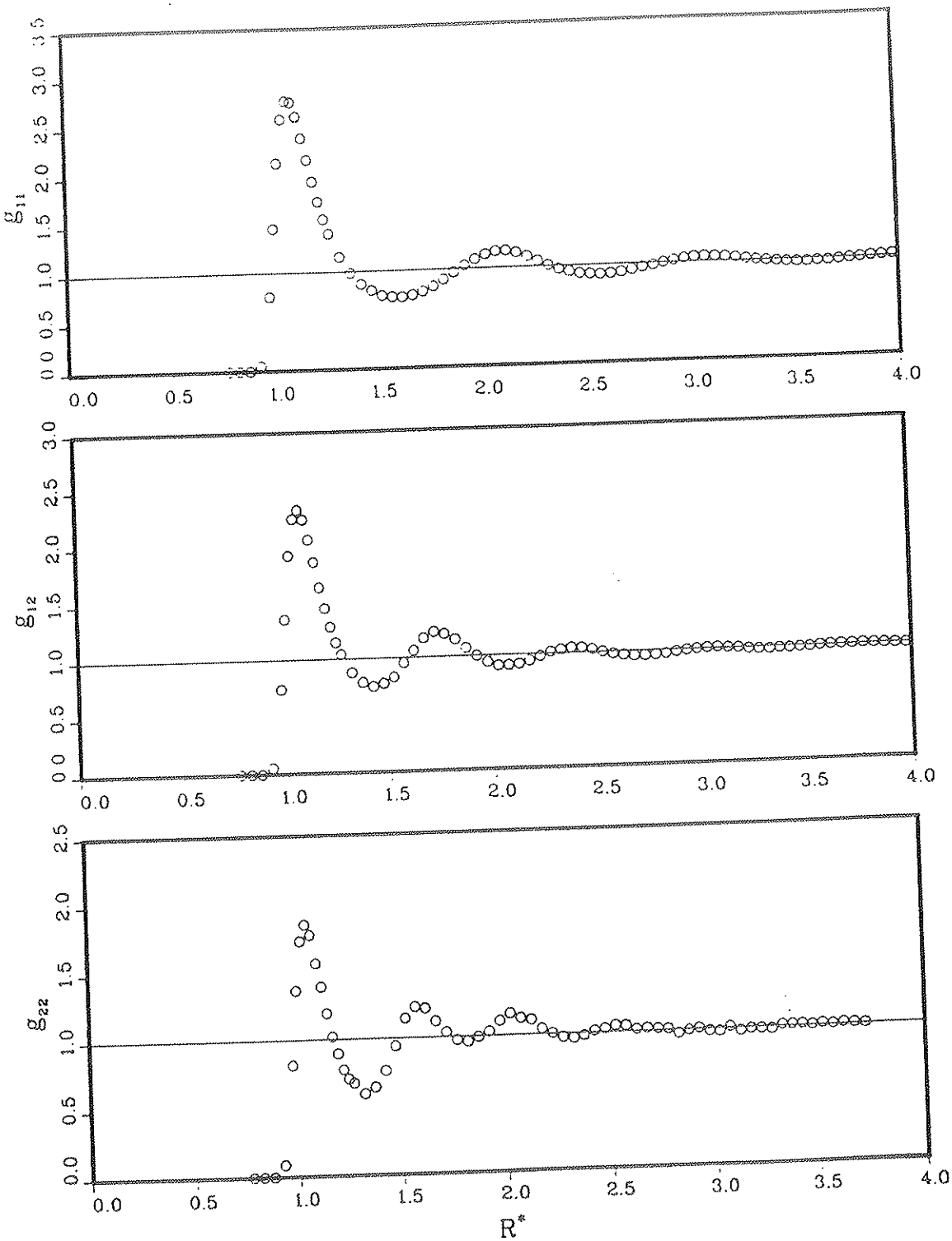


Radial Distribution Functions for $T^* = 1.00$
$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.4940$



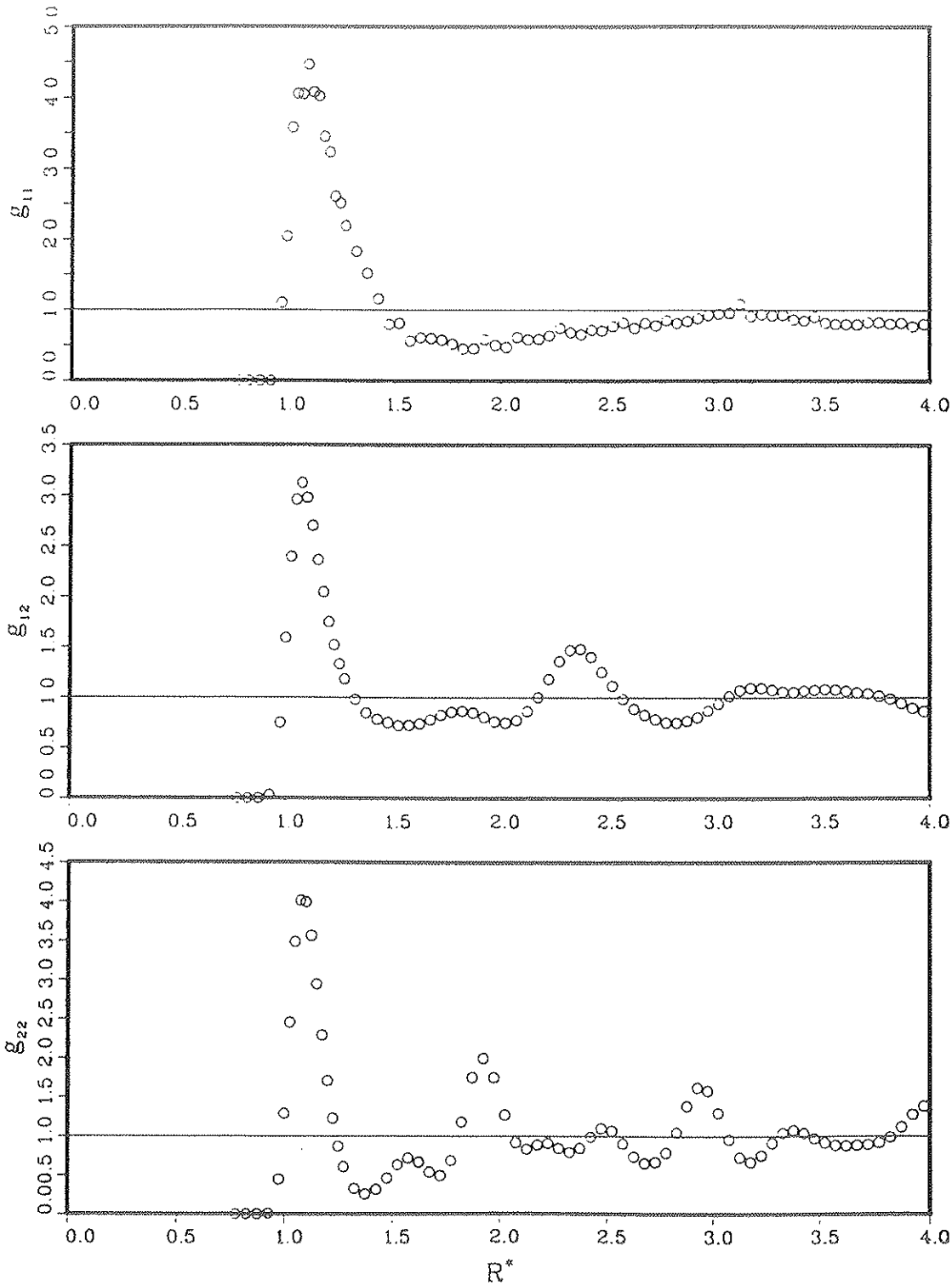
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.5980$



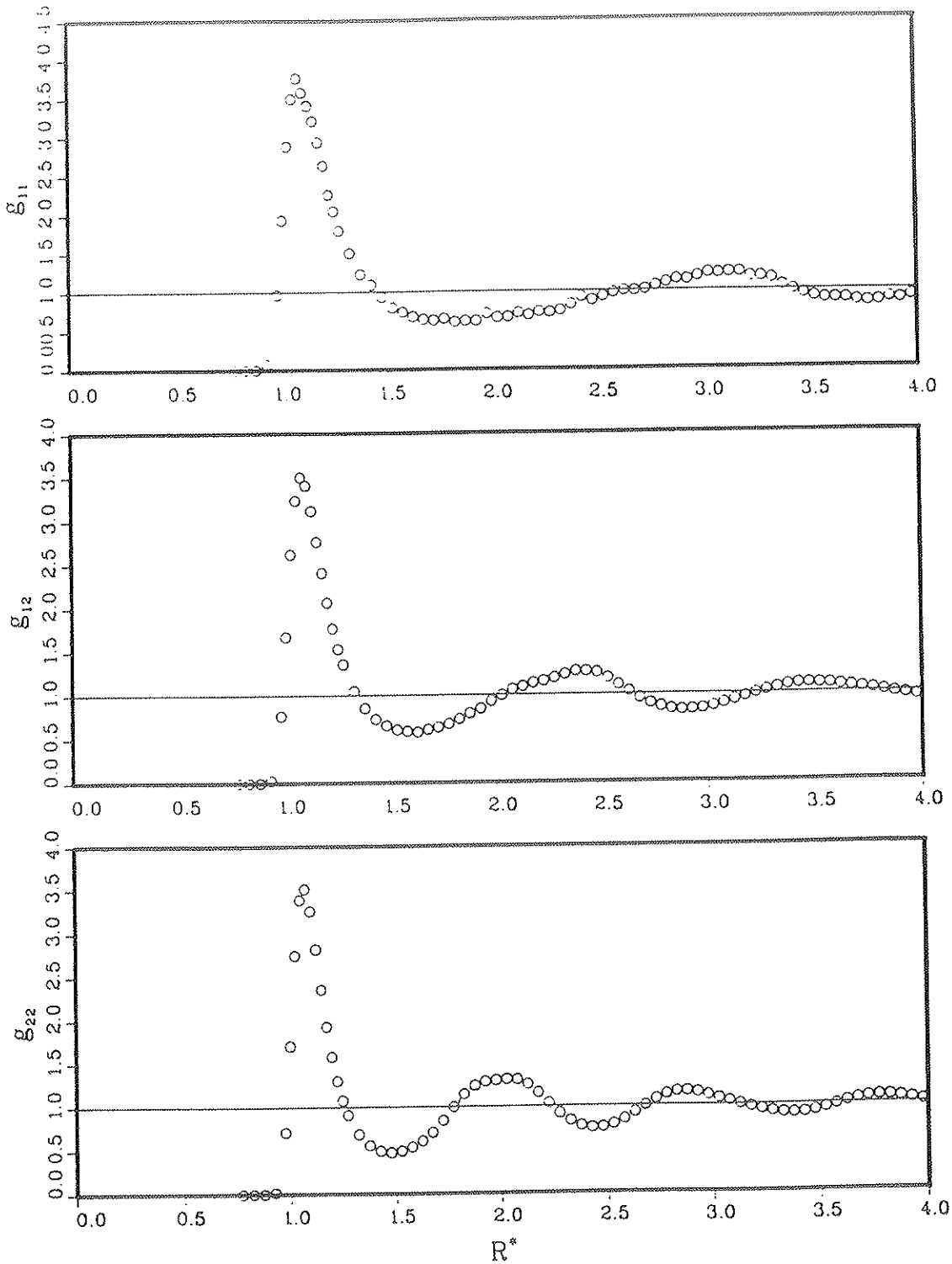
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1280$



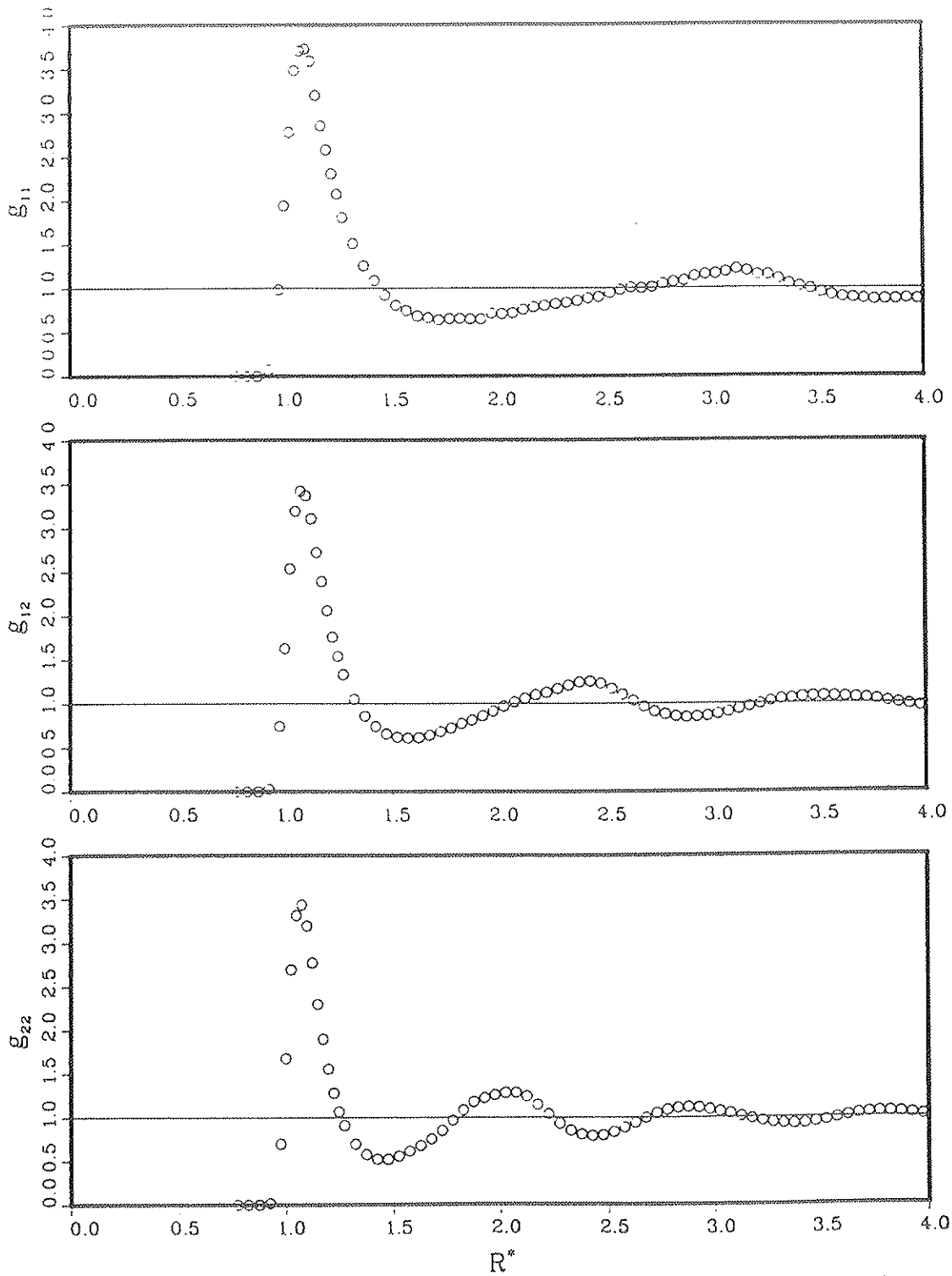
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1310$



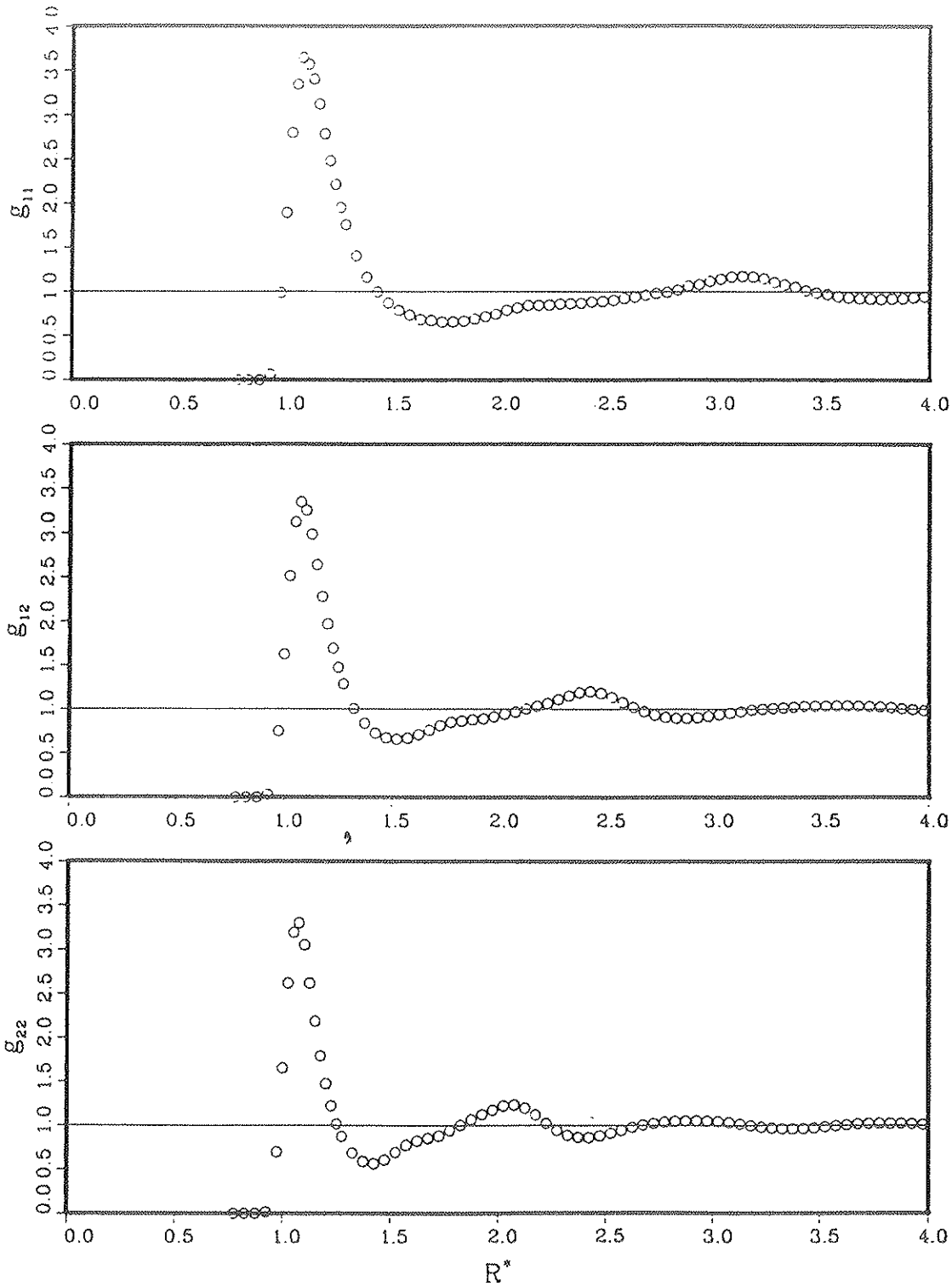
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1520$

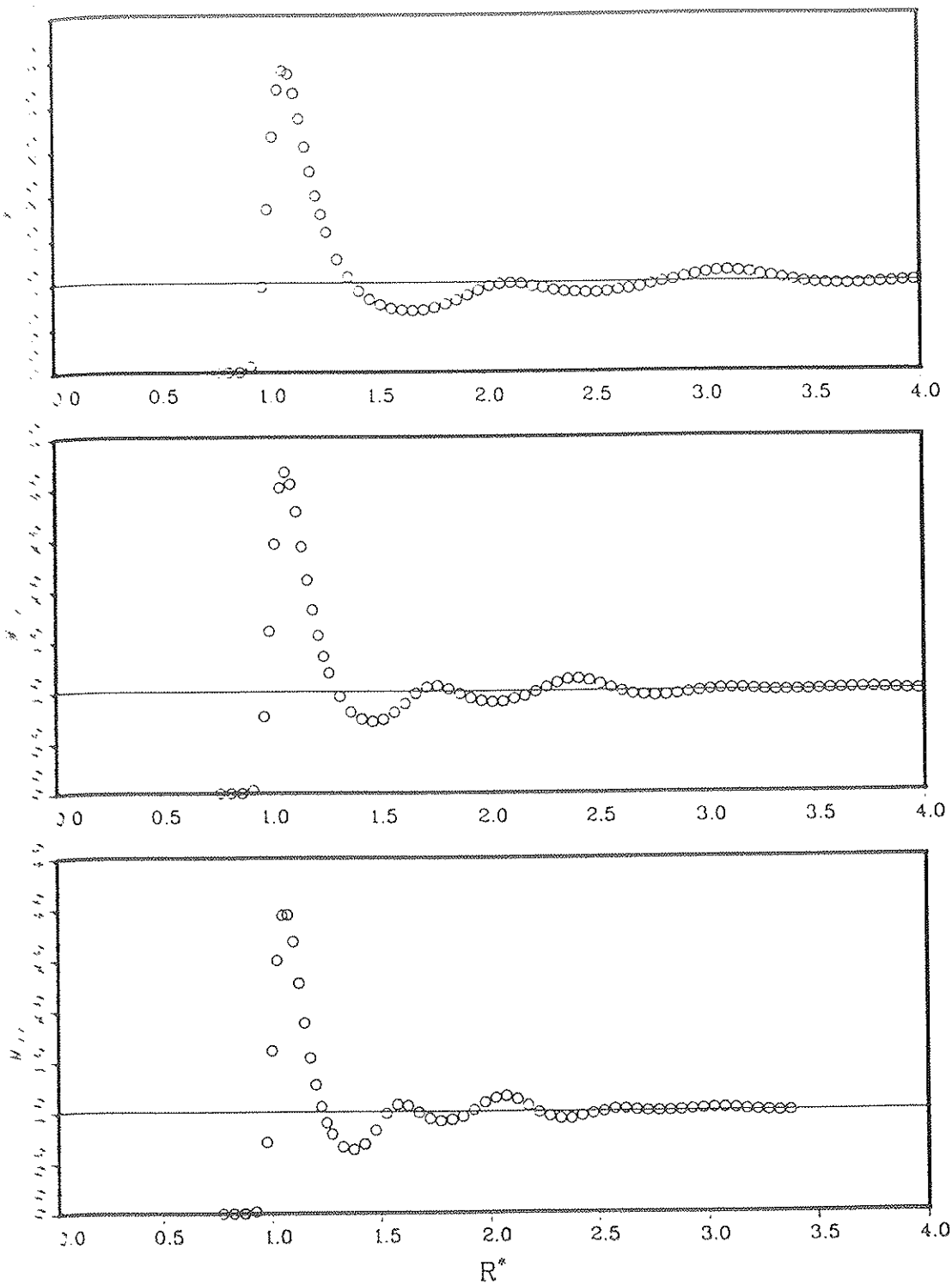


Radial Distribution Functions for $T^* = 1.00$

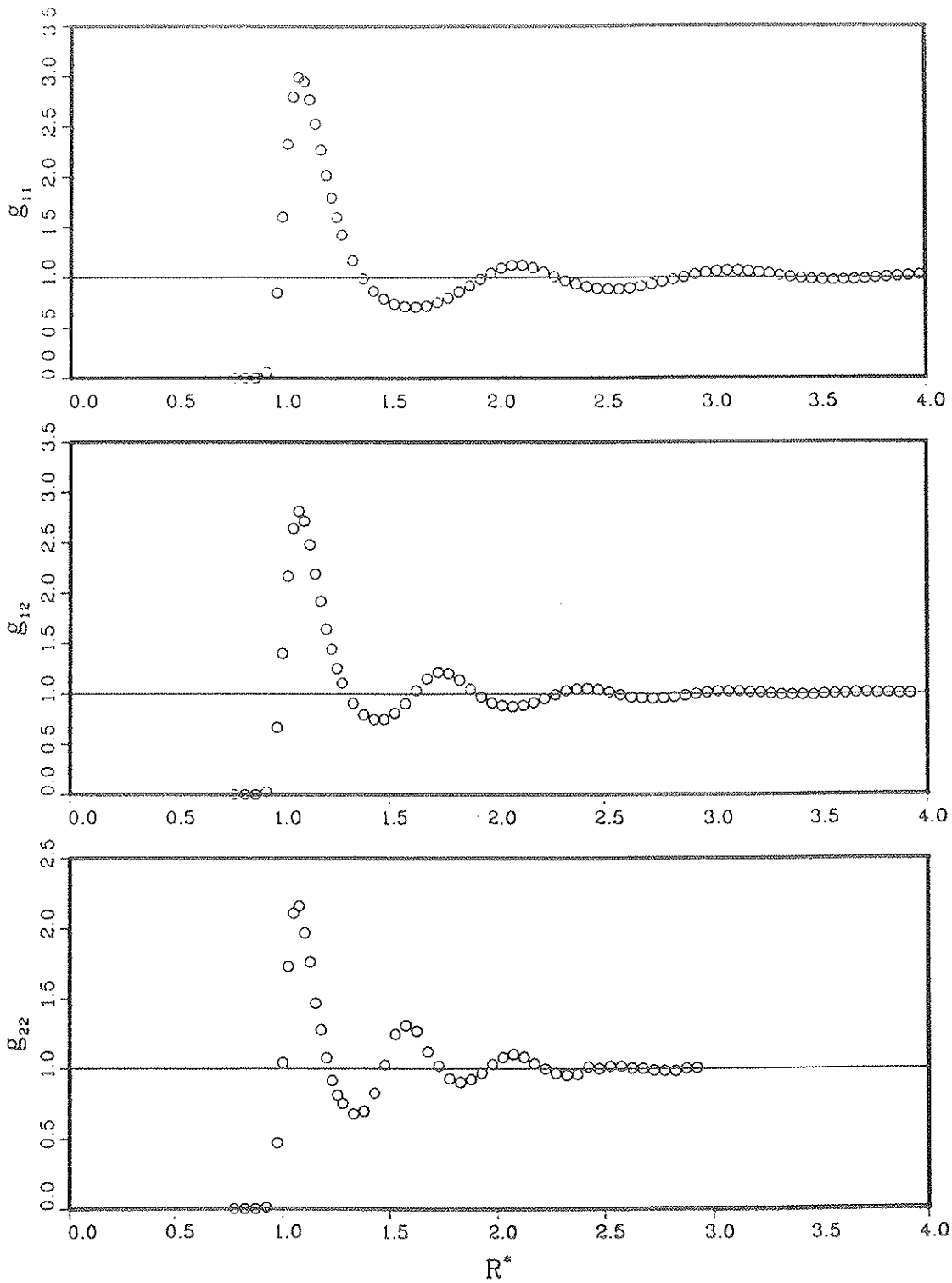
$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.2100$



Radial Distribution Functions for $T^* = 1.00$
$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.3380$

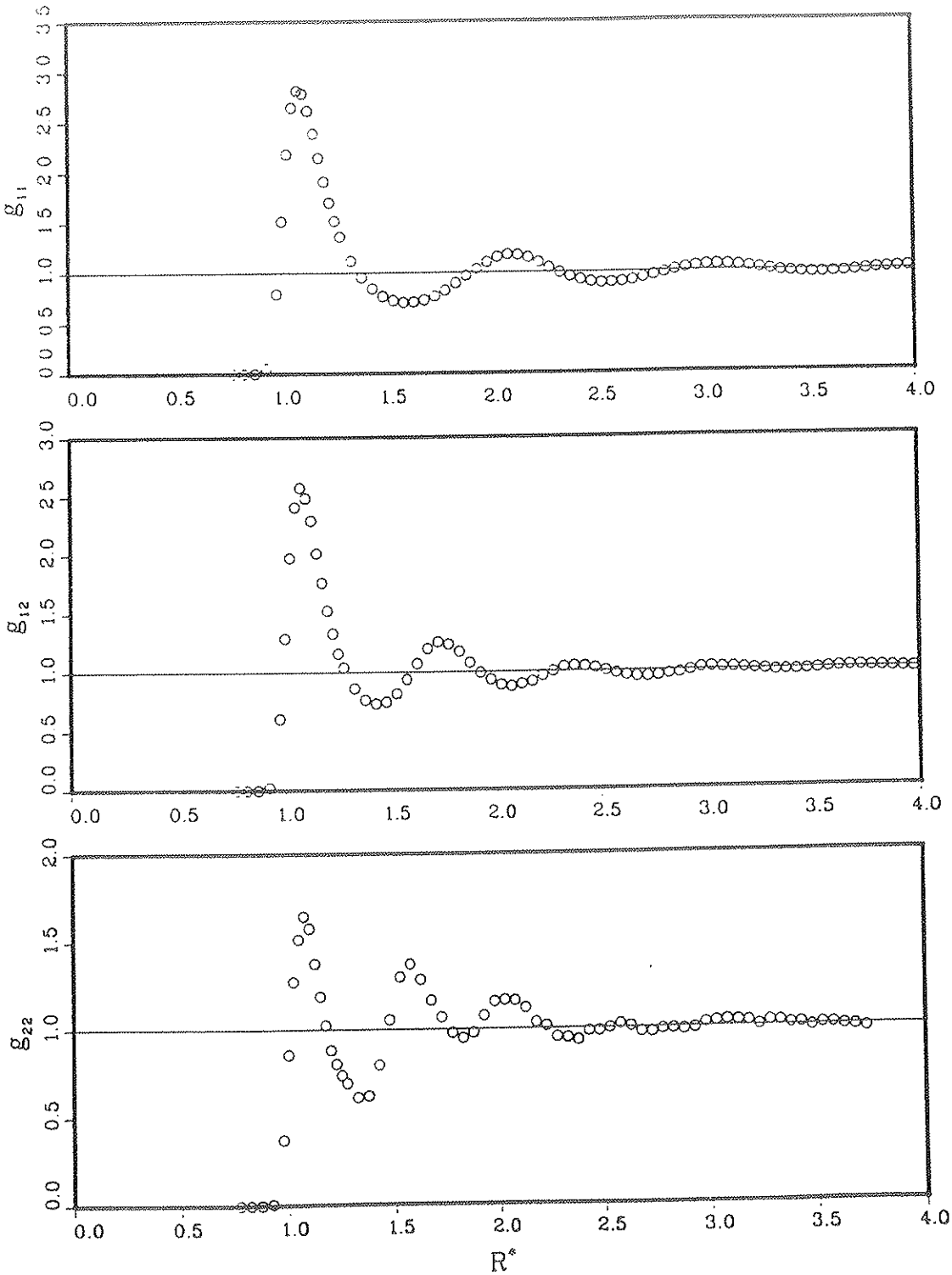


Radial Distribution Functions for $T^* = 1.00$
$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.5080$



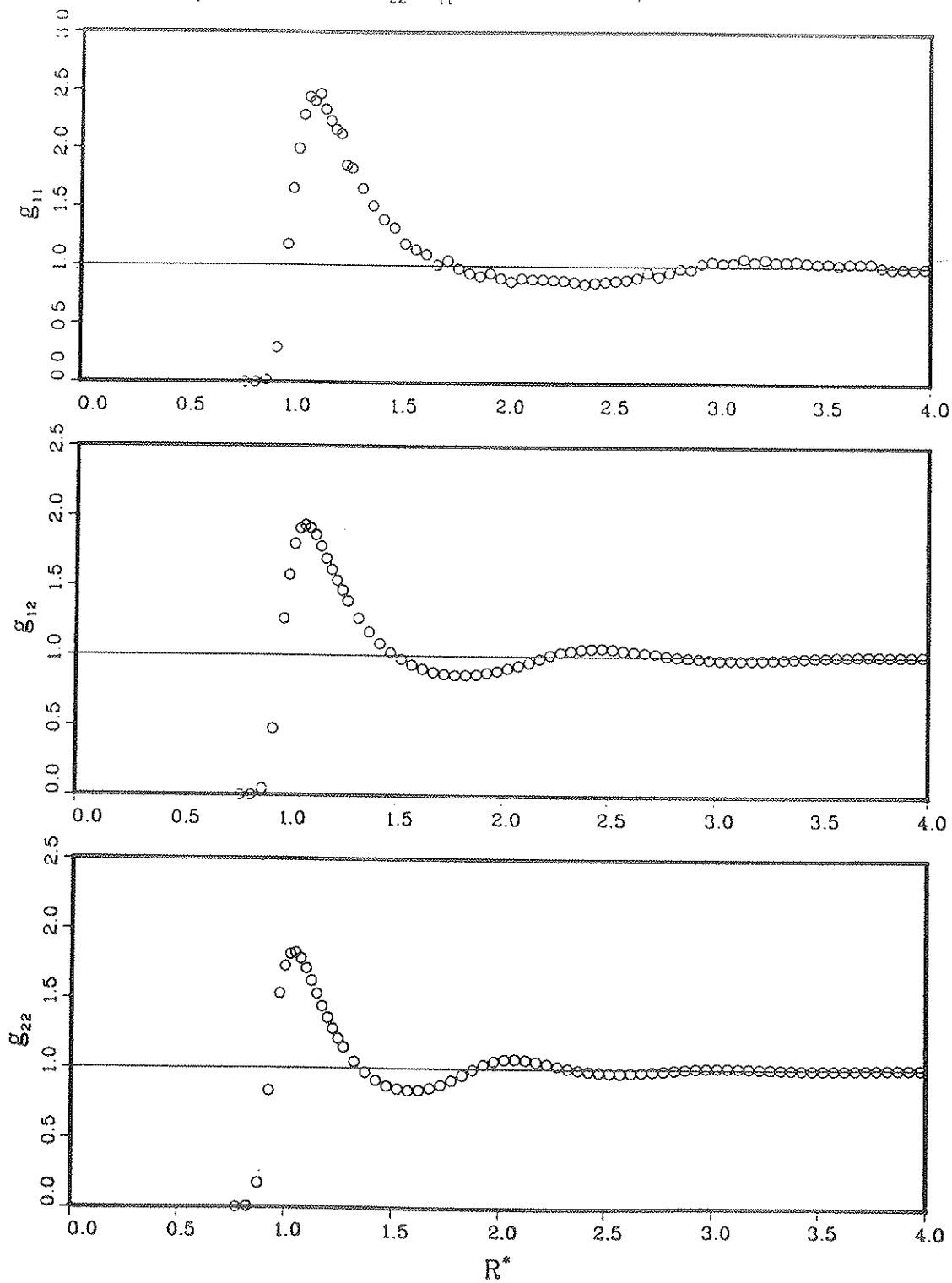
Radial Distribution Functions for $T^* = 1.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.6120$

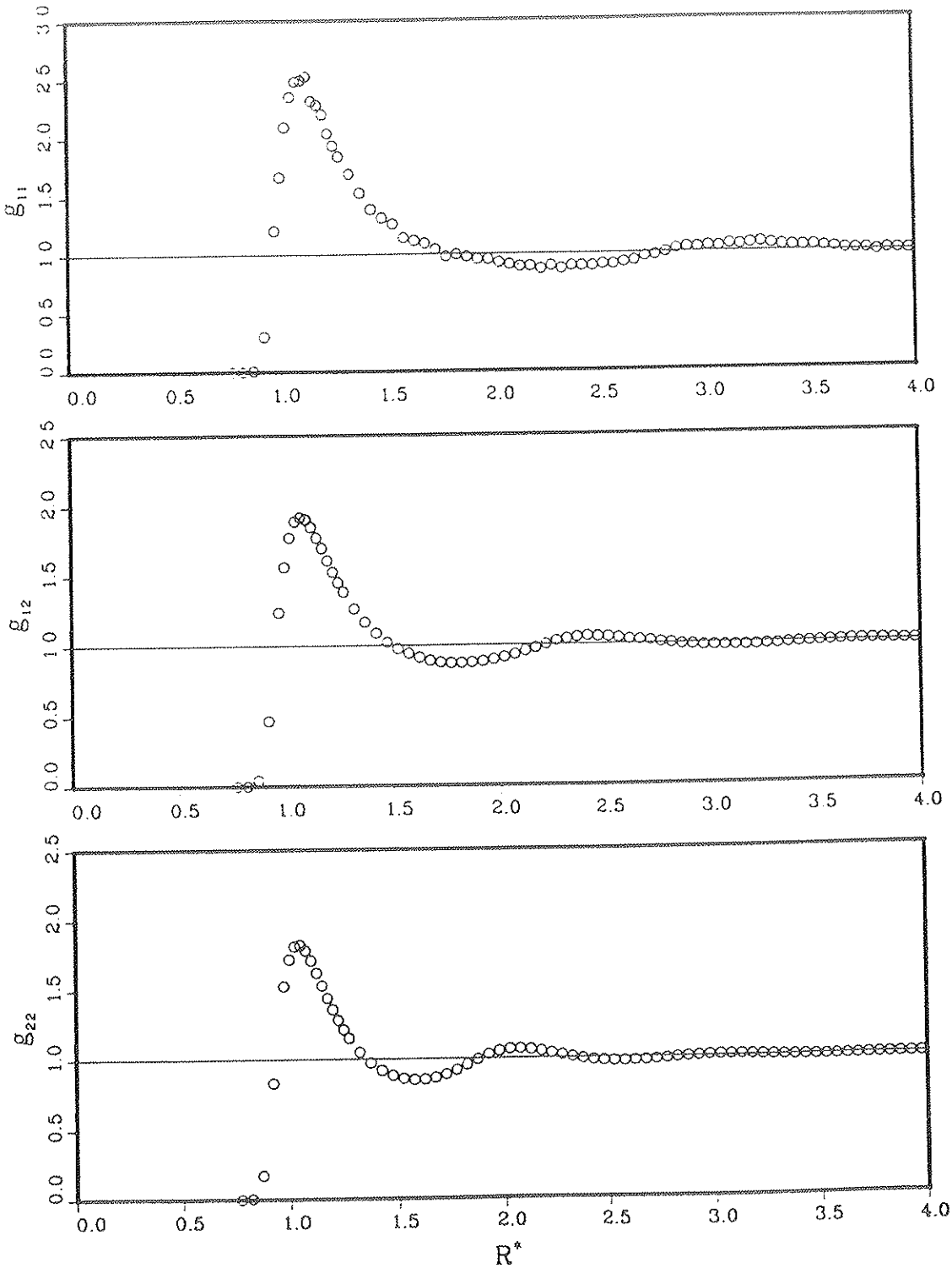


Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.0910$

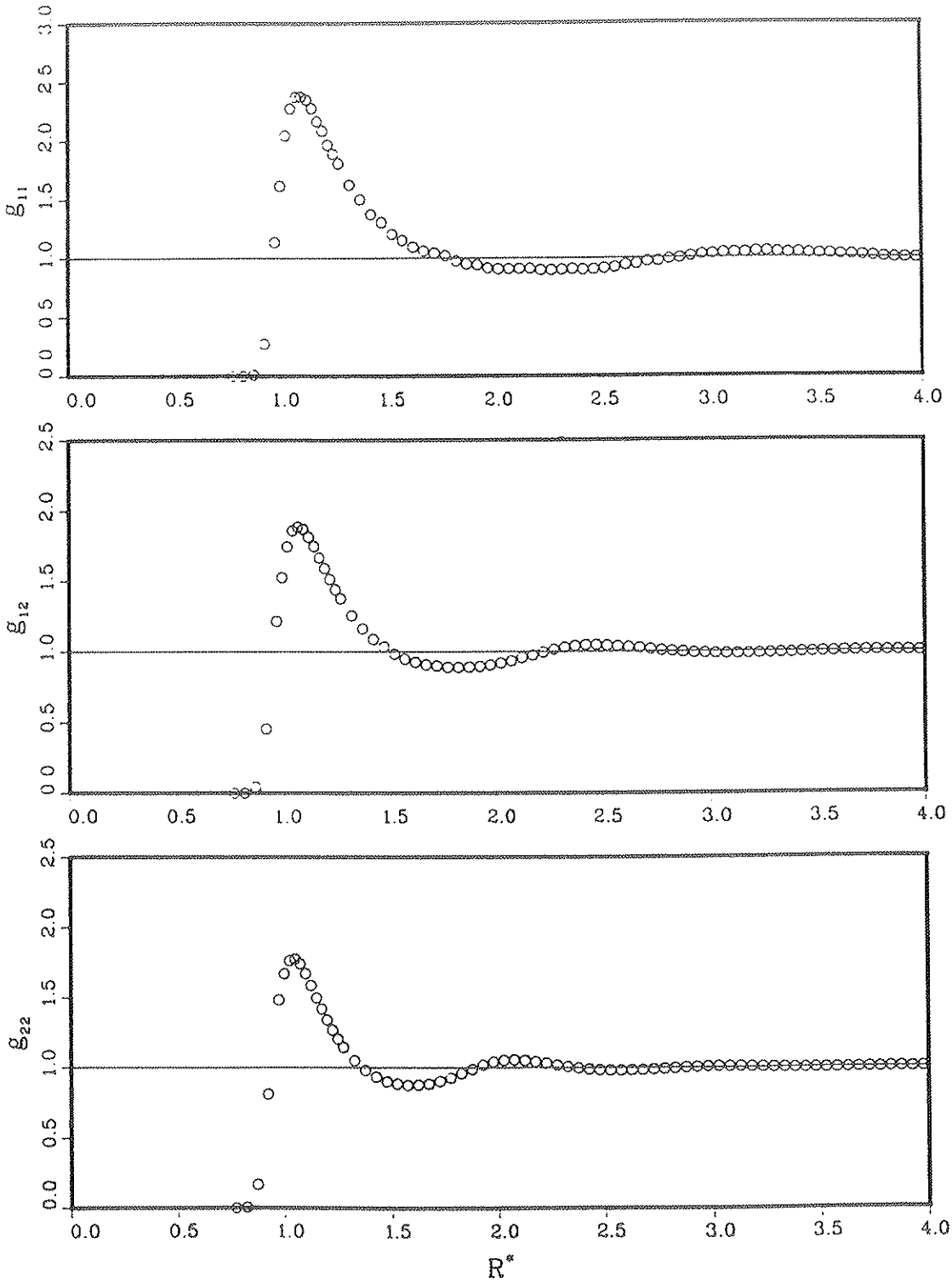


Radial Distribution Functions for $T^* = 2.00$
$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.0945$



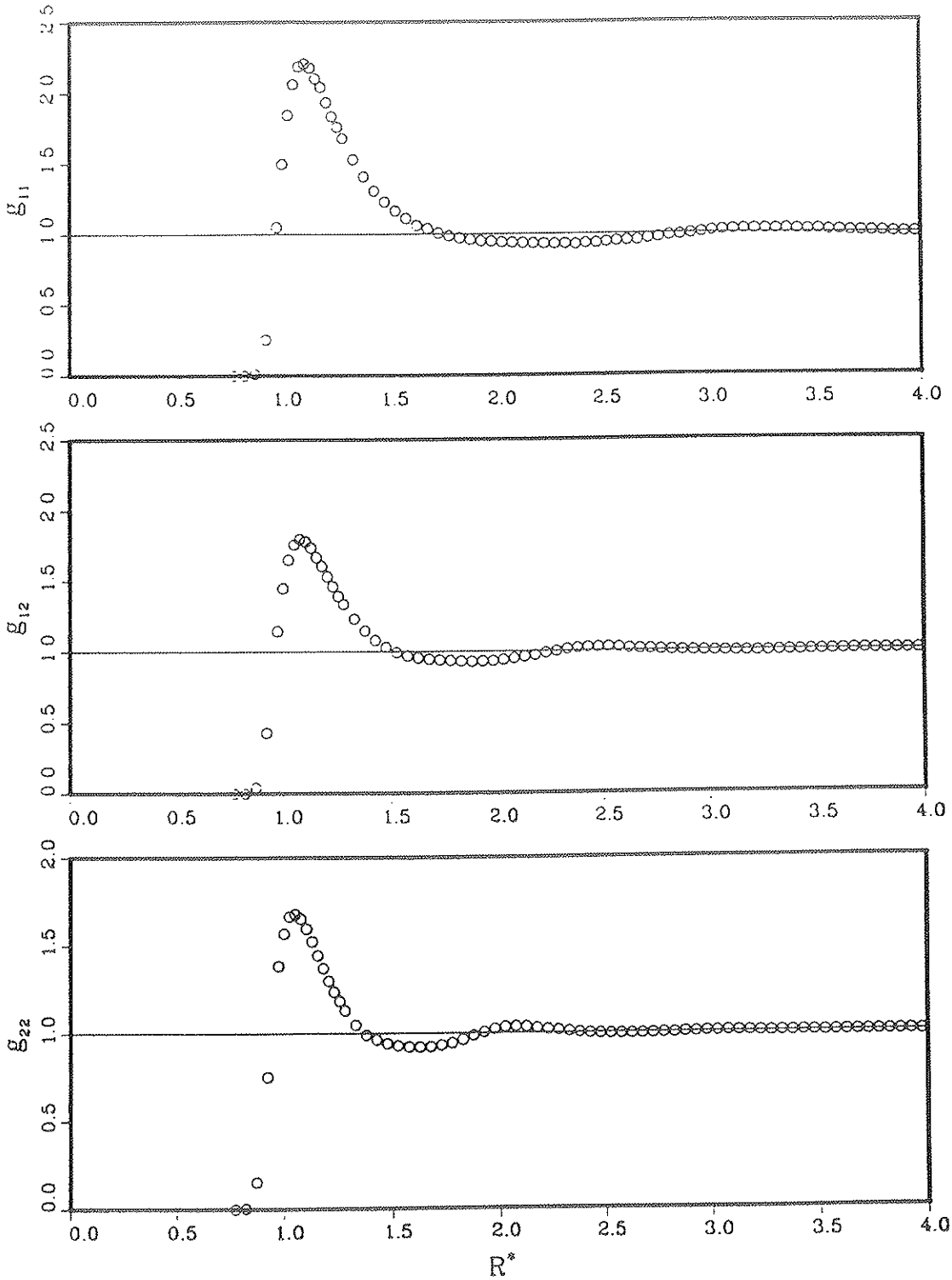
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1070$



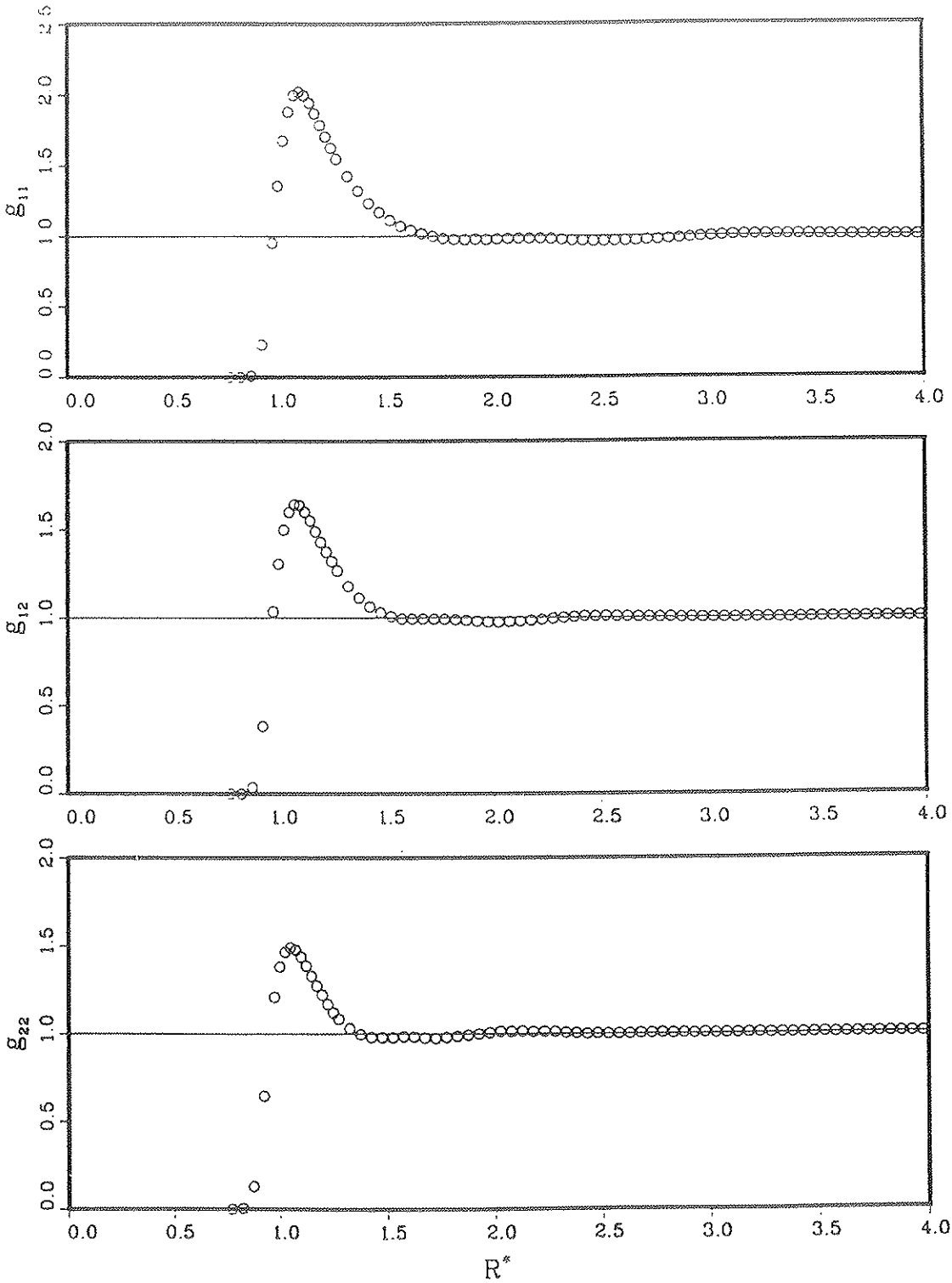
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.50 \quad \varepsilon_{22}/\varepsilon_{11} = 0.50 \quad \rho^* = 0.1371$

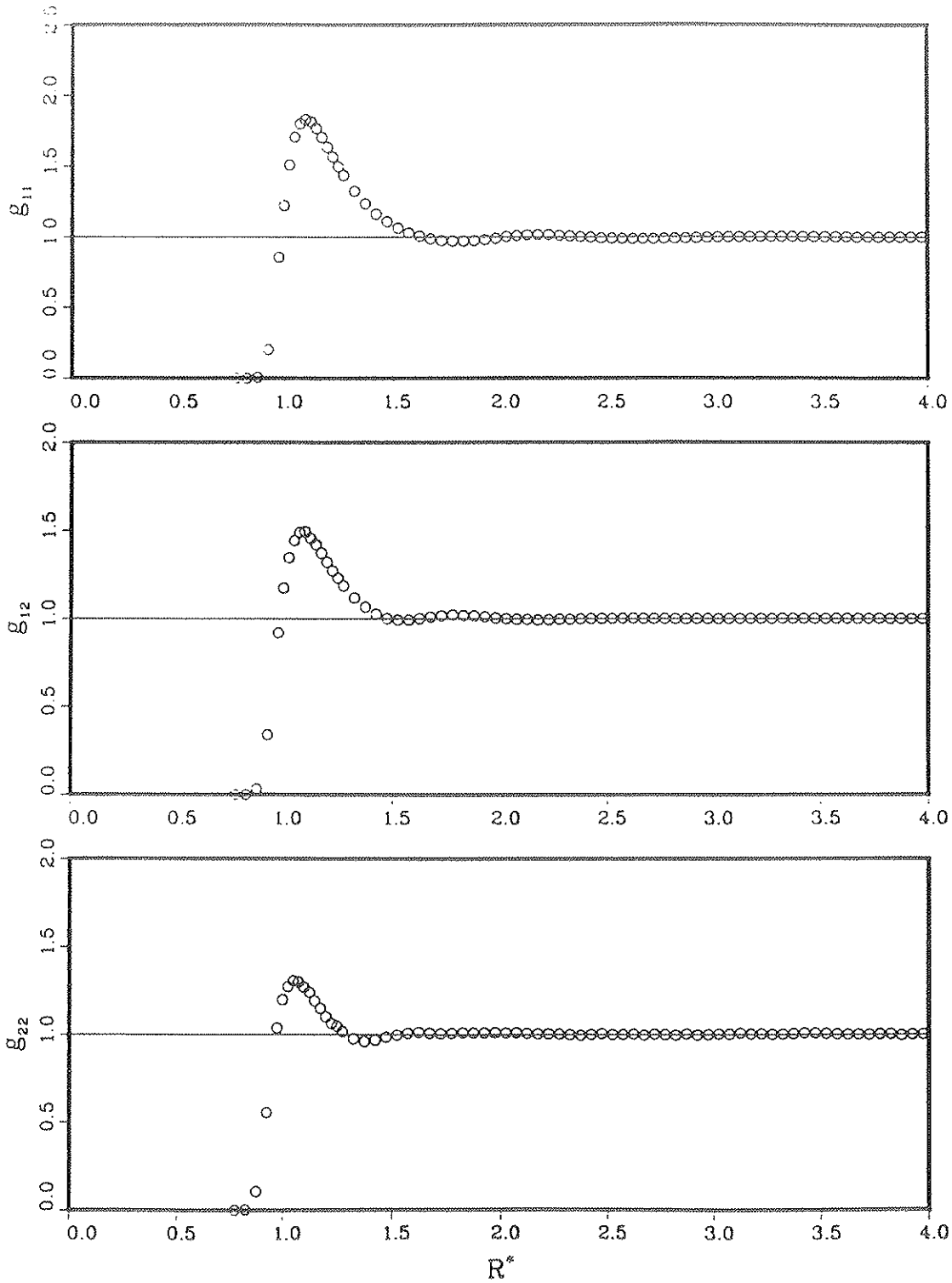


Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1901$

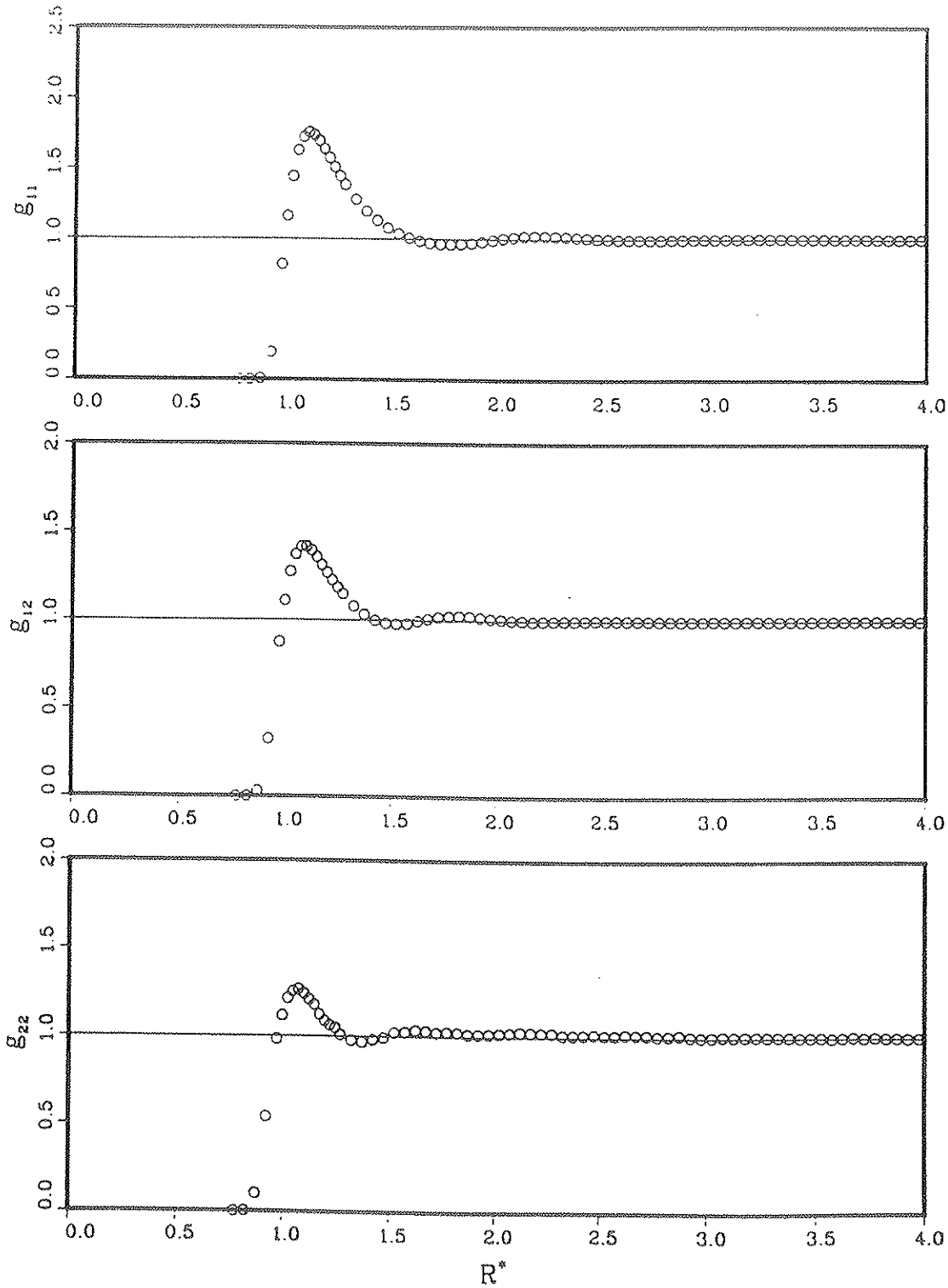


Radial Distribution Functions for $T^* = 2.00$
$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.2470$



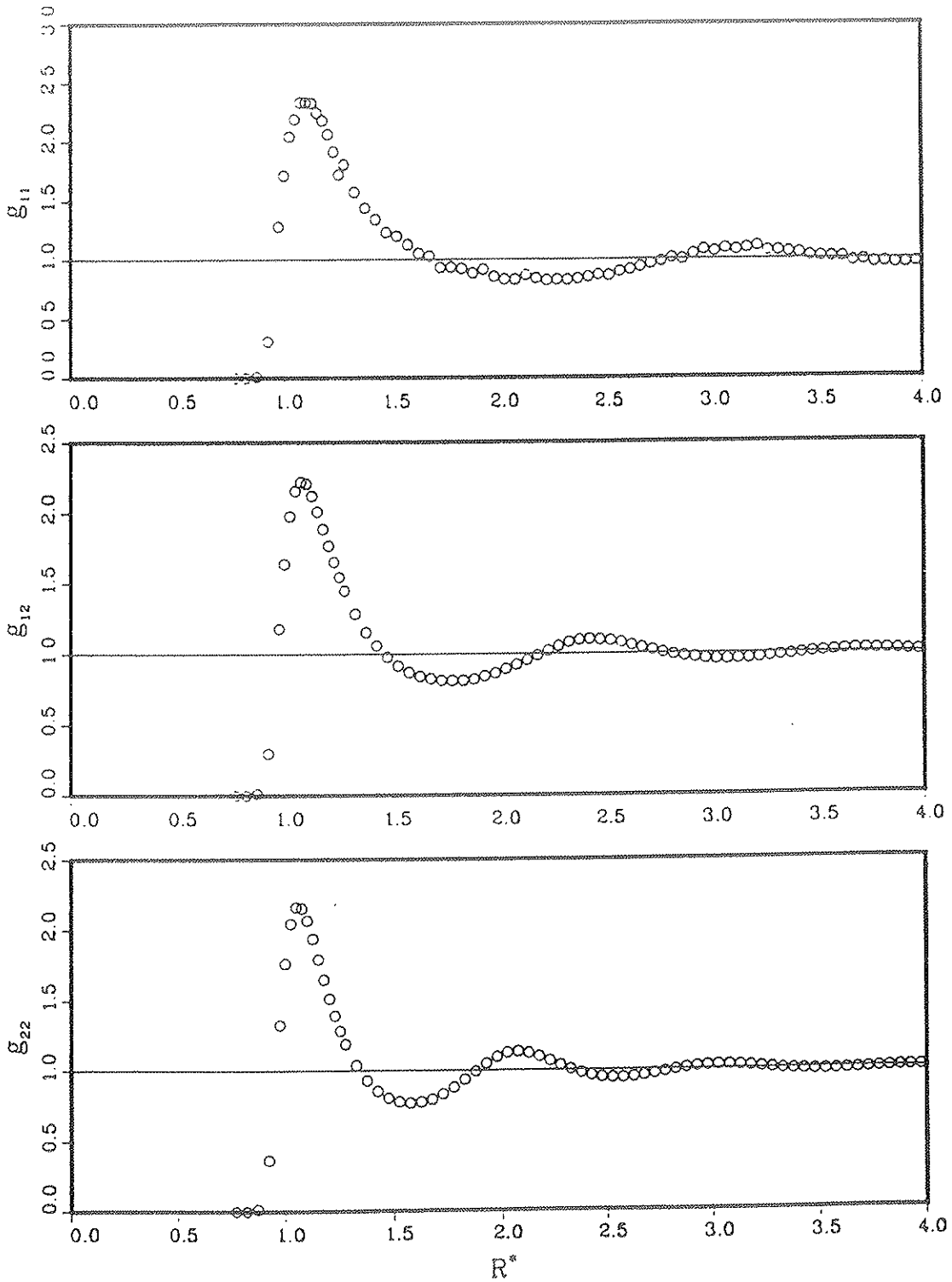
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.2742$



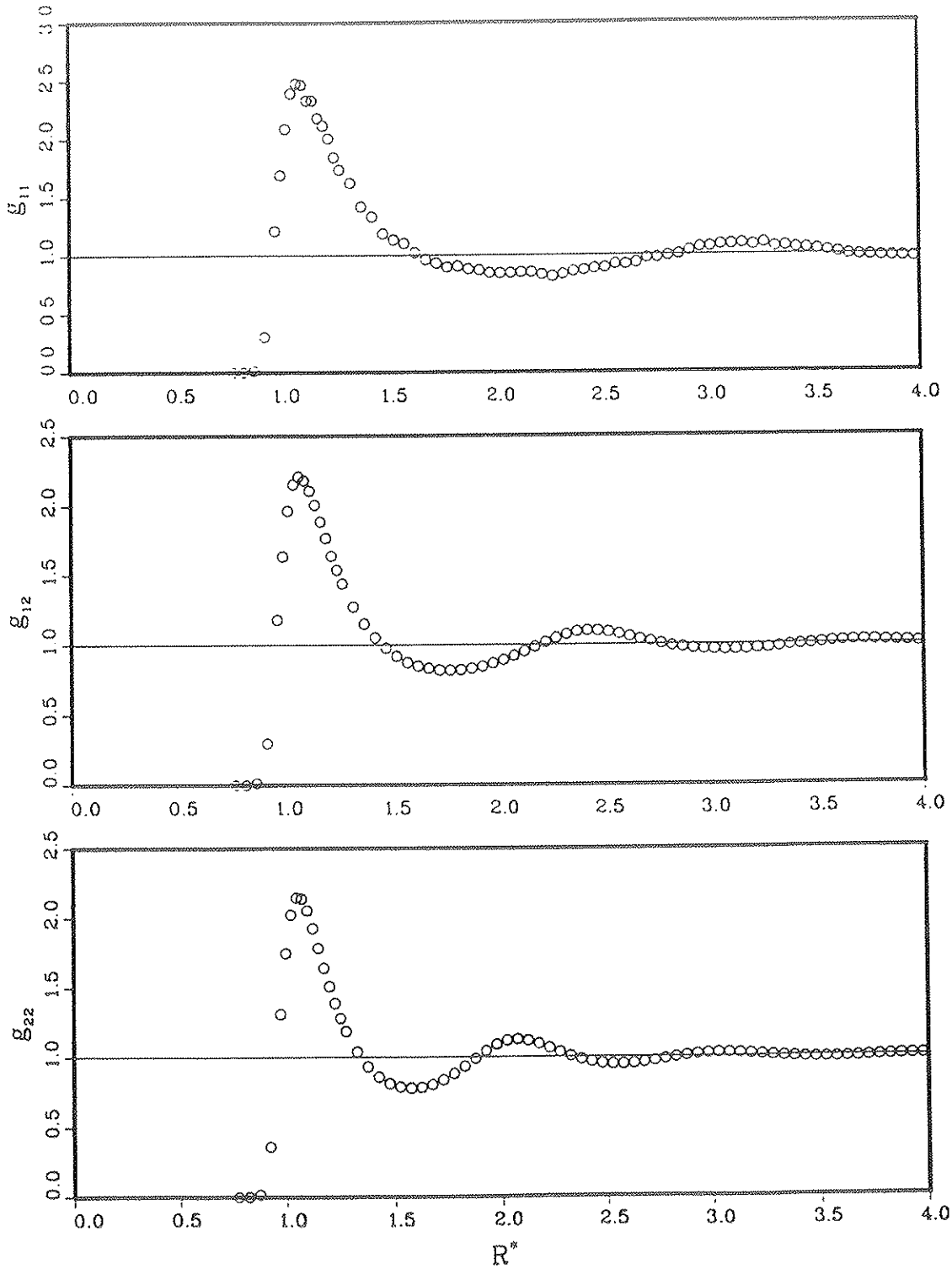
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.0979$



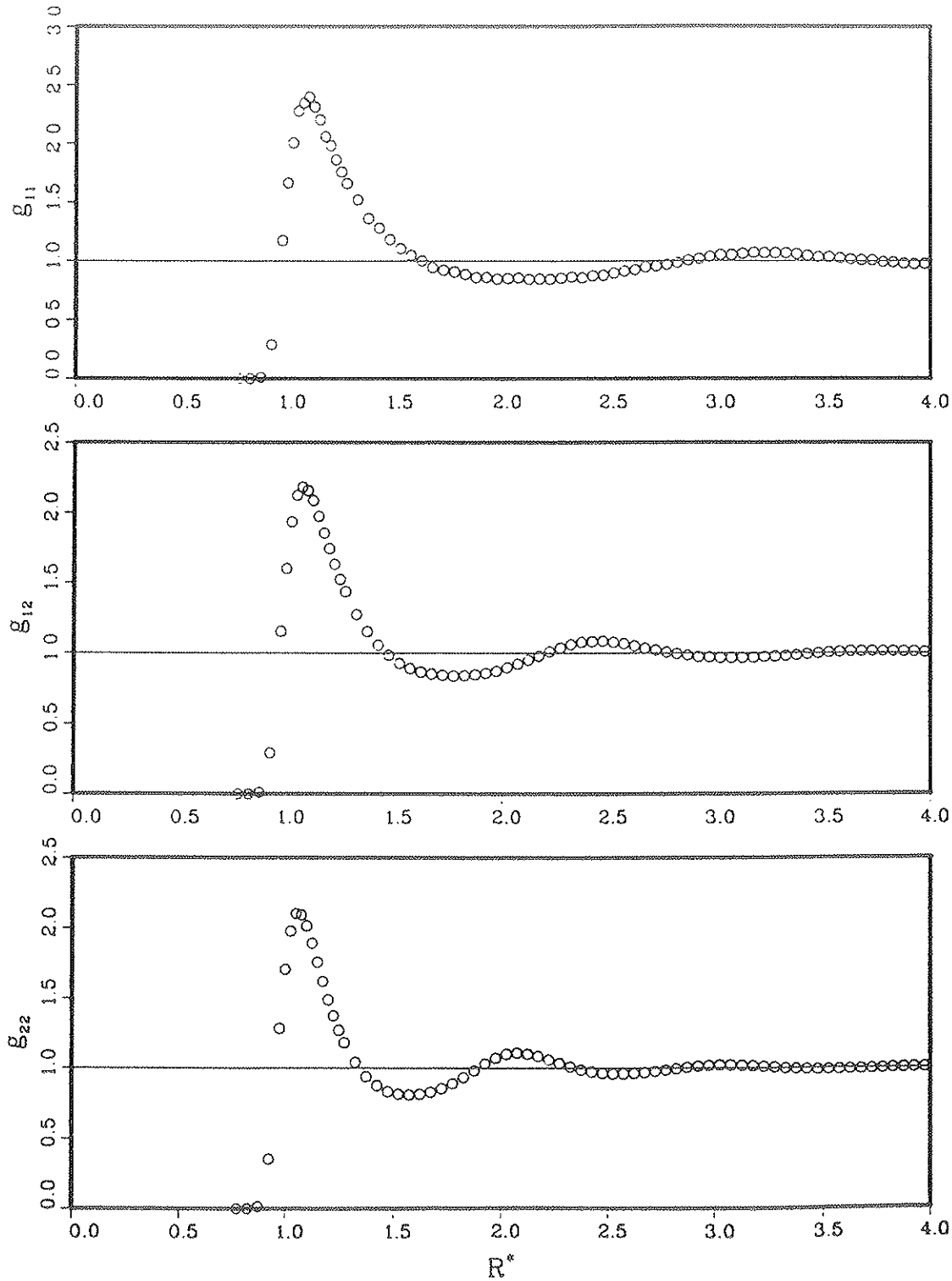
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1019$

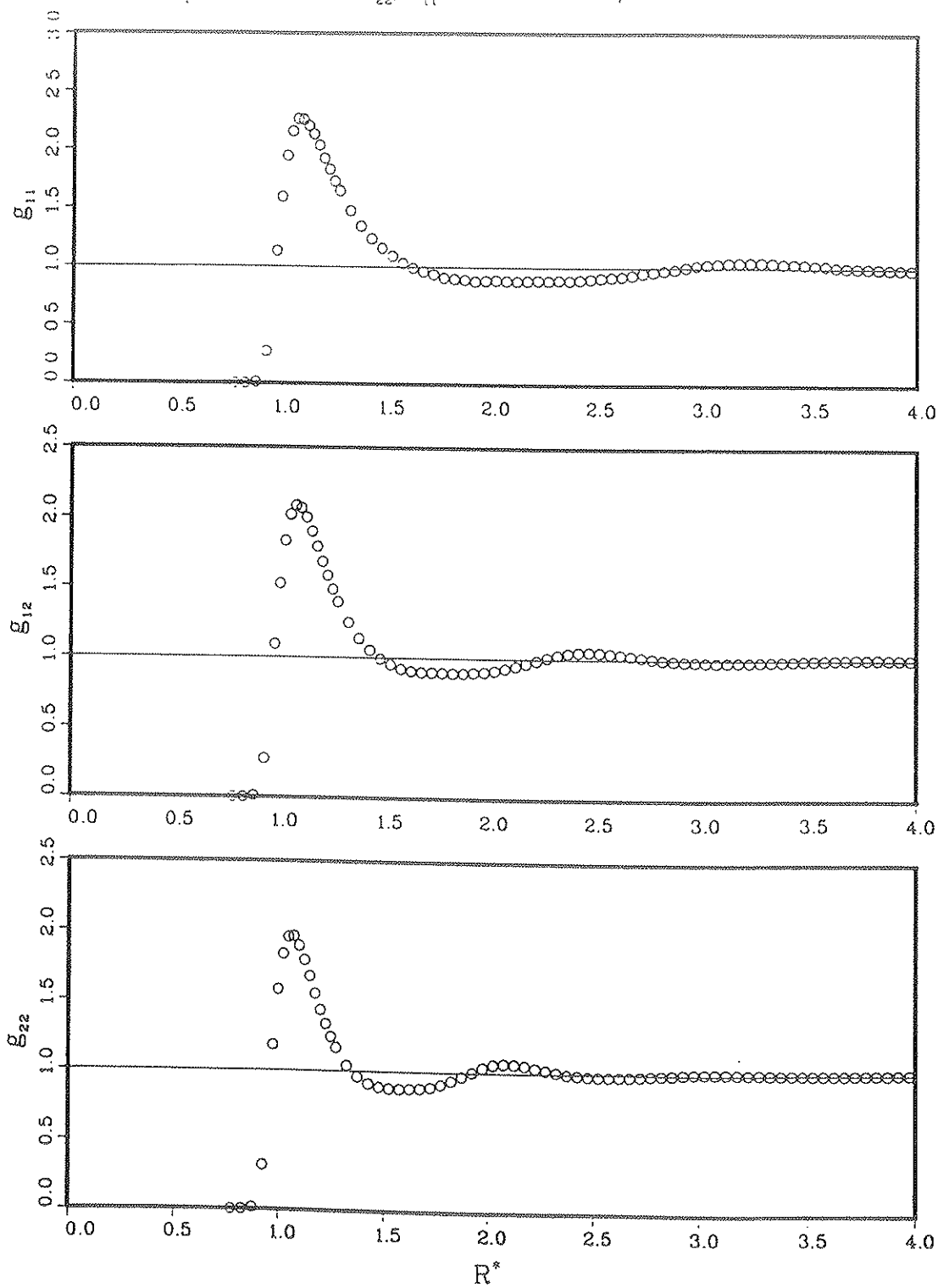


Radial Distribution Functions for $T^* = 2.00$

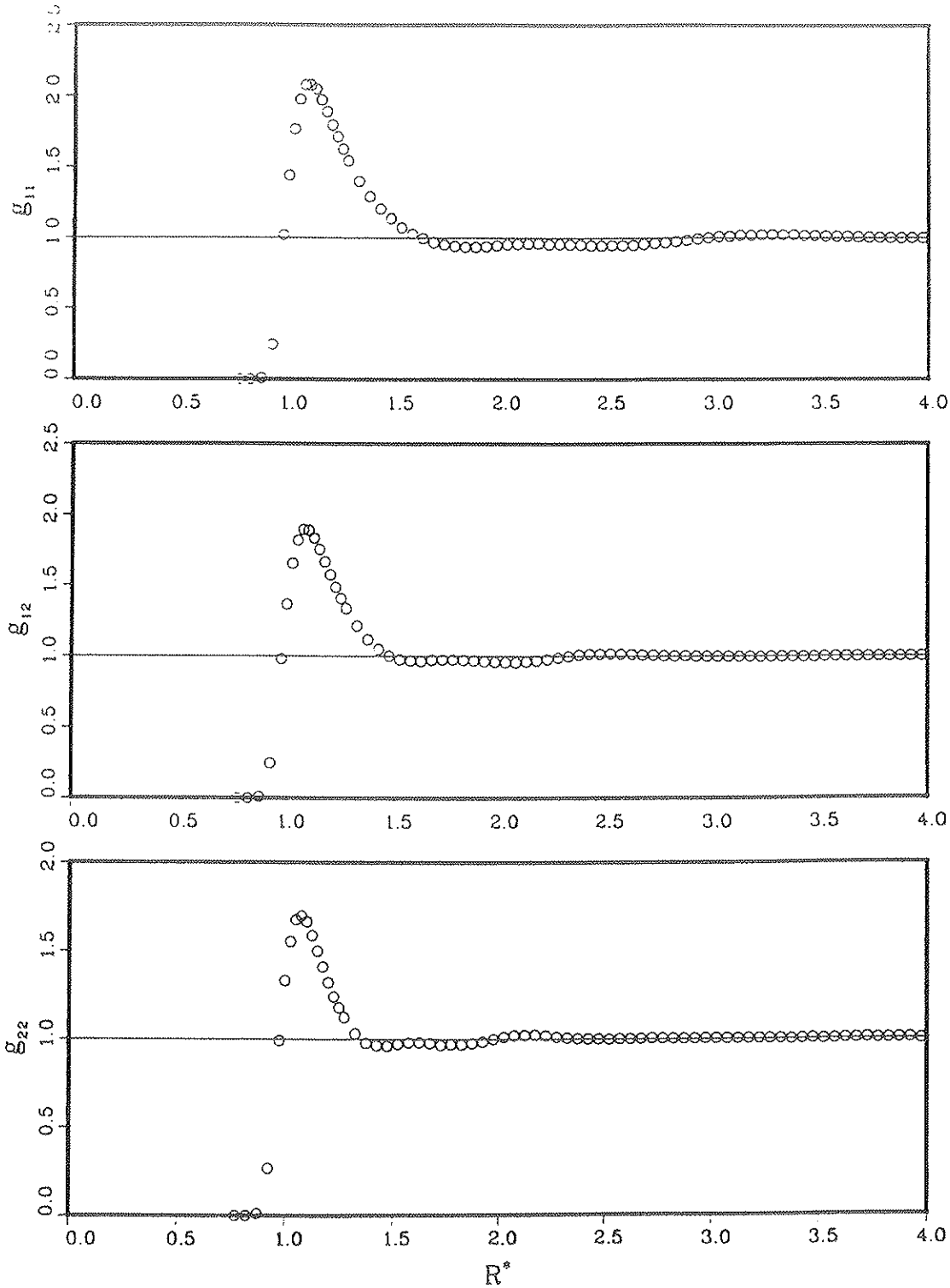
$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1170$



Radial Distribution Functions for $T^* = 2.00$
$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1530$

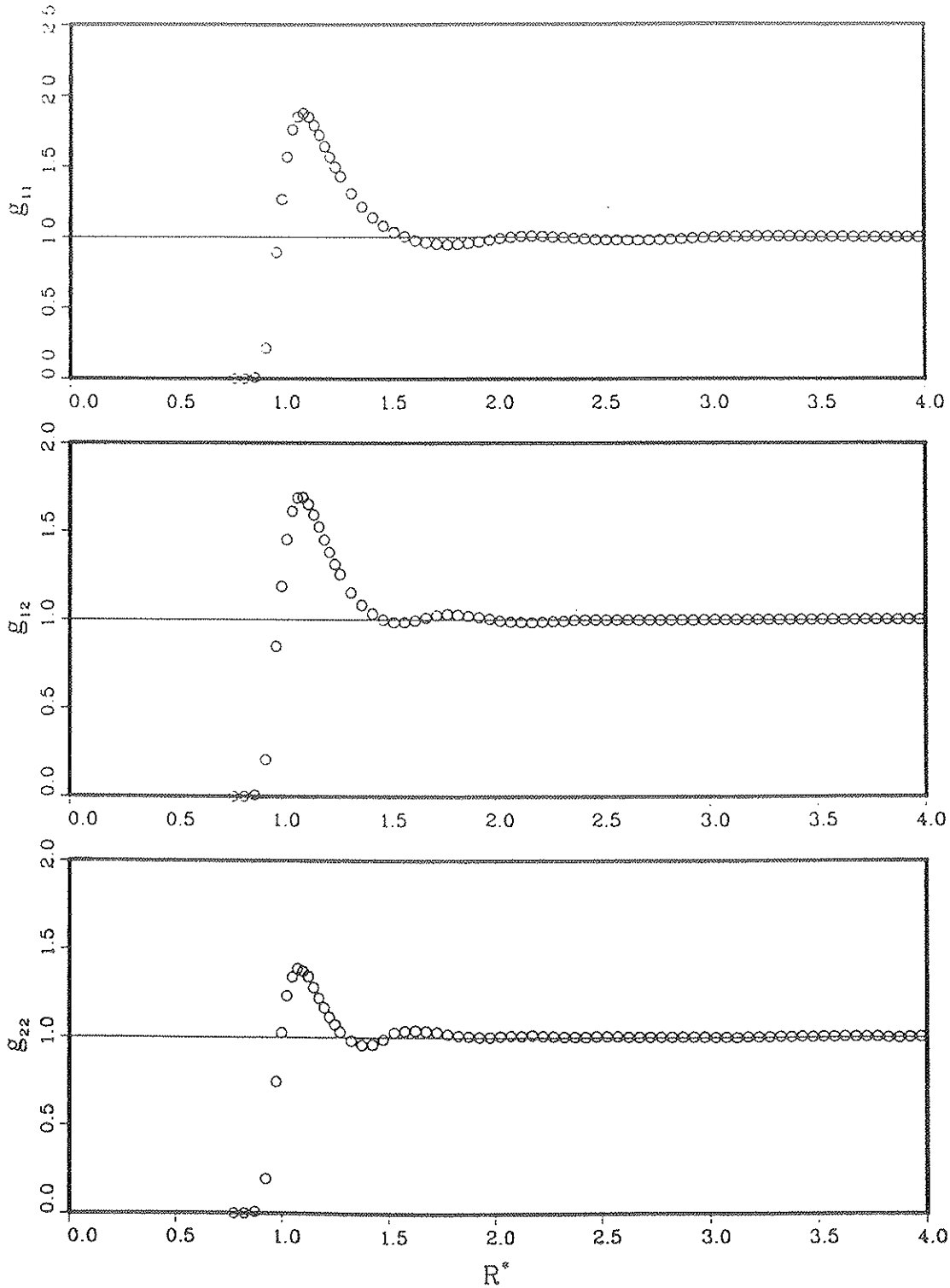


Radial Distribution Functions for $T^* = 2.00$
$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.2180$



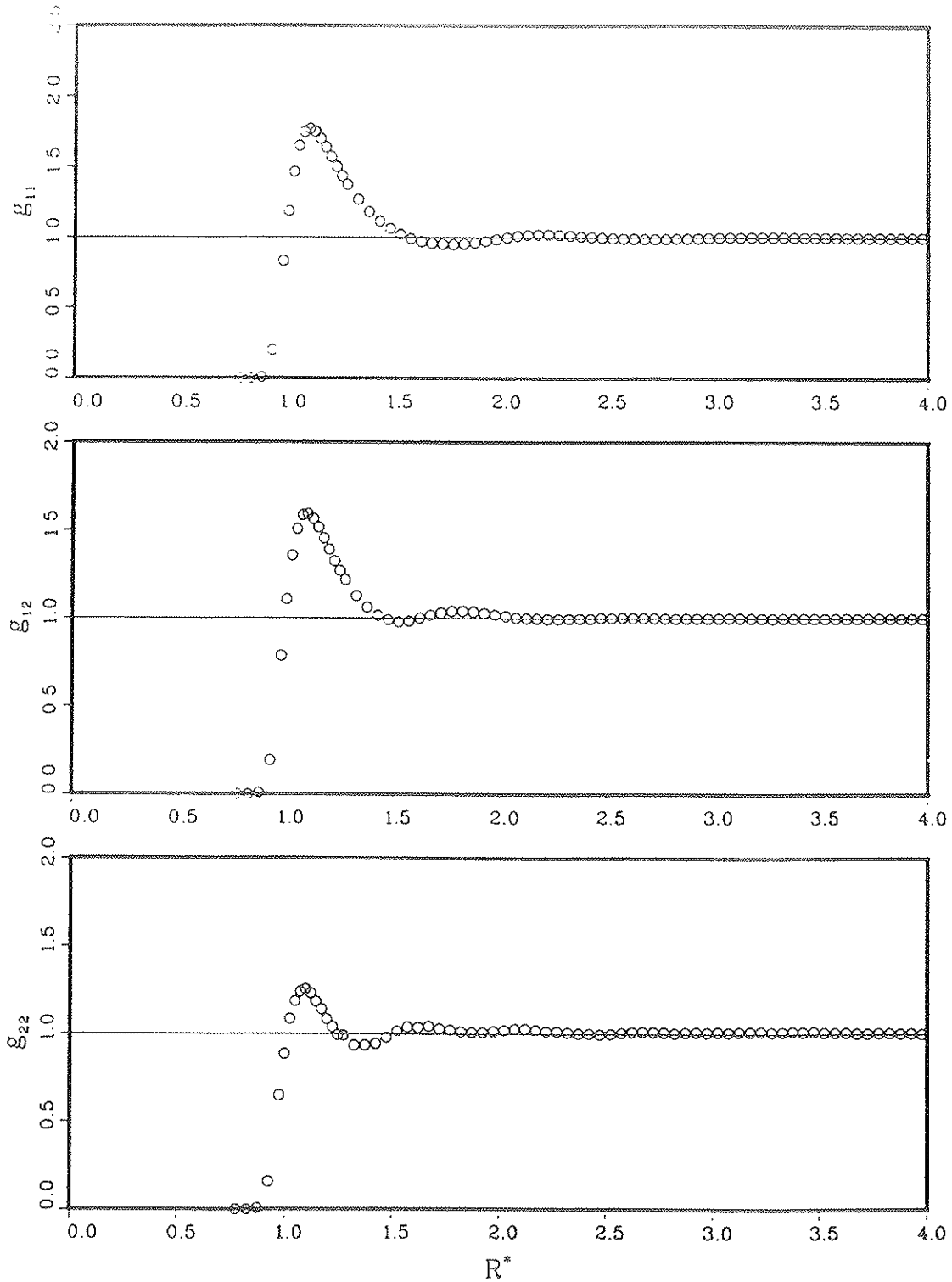
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.2800$



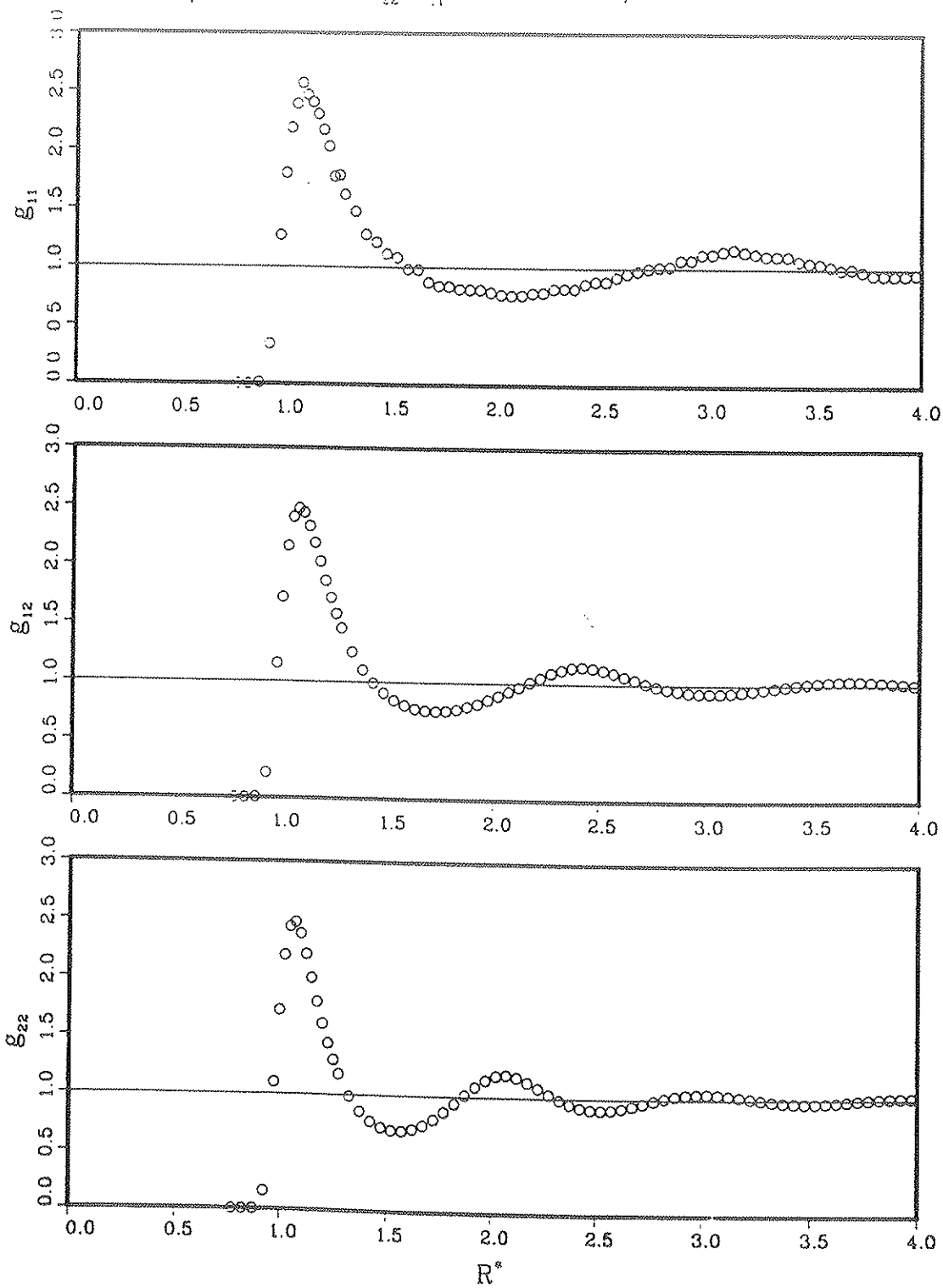
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.2981$



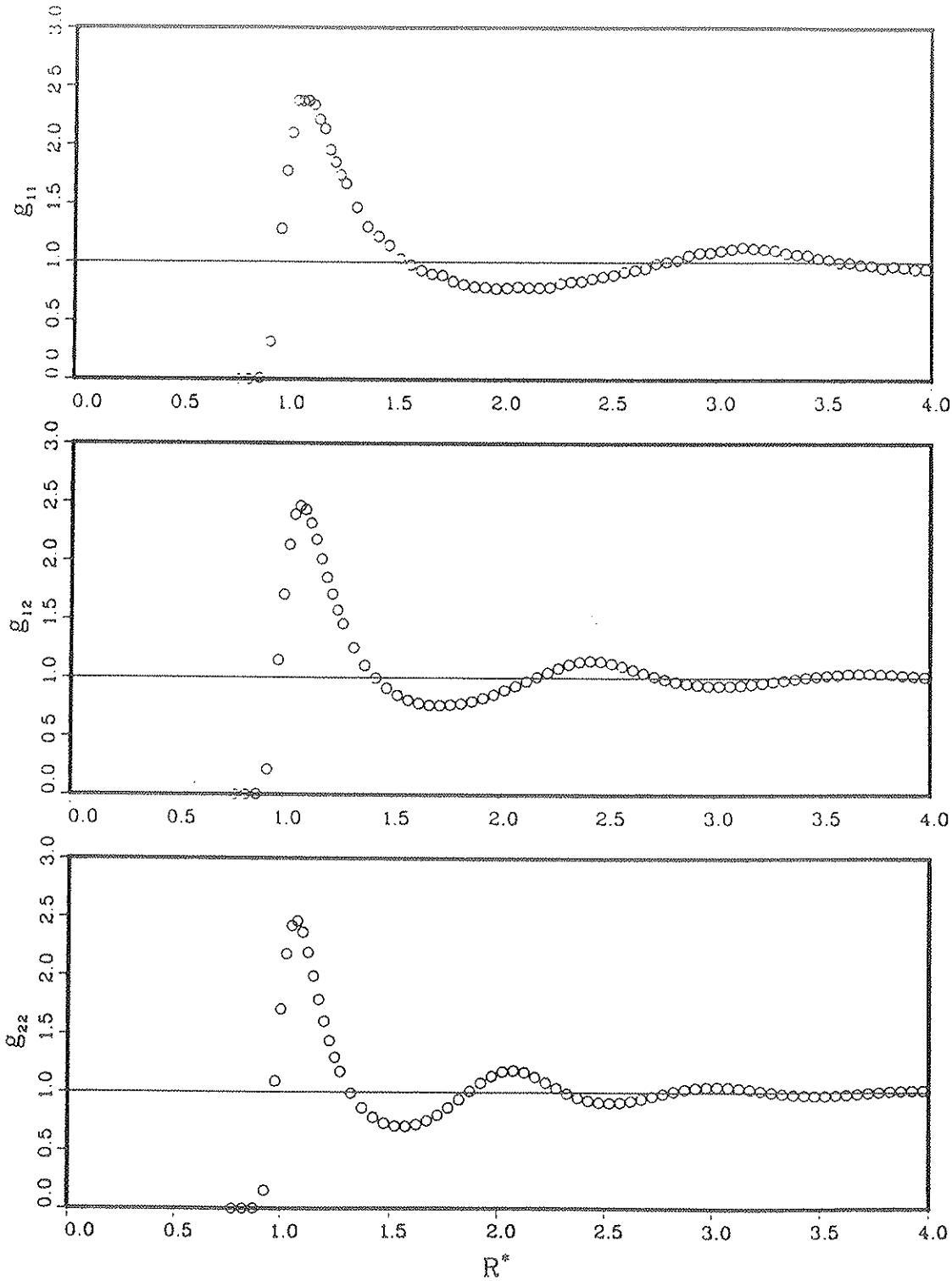
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1050$

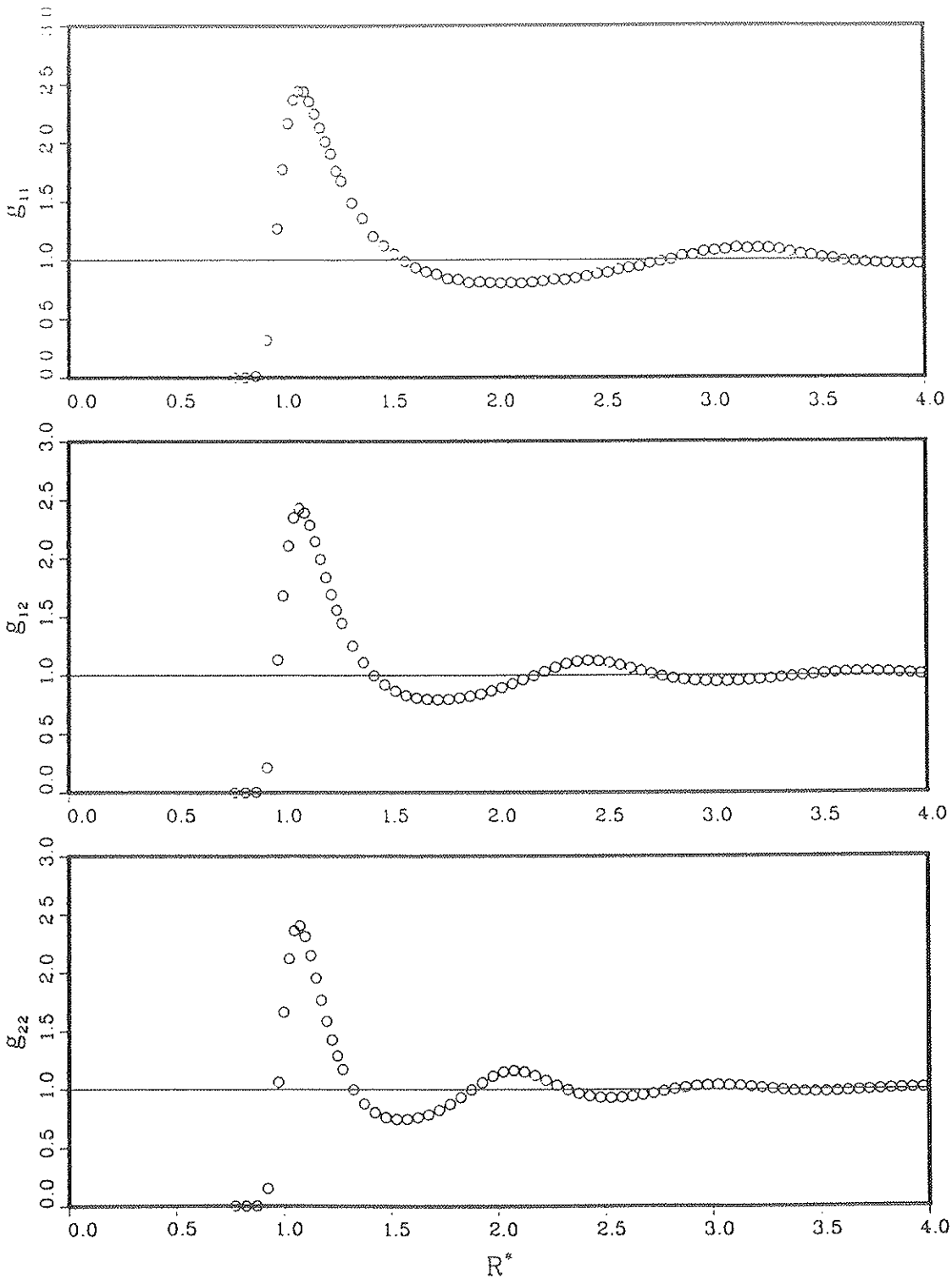


Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1095$

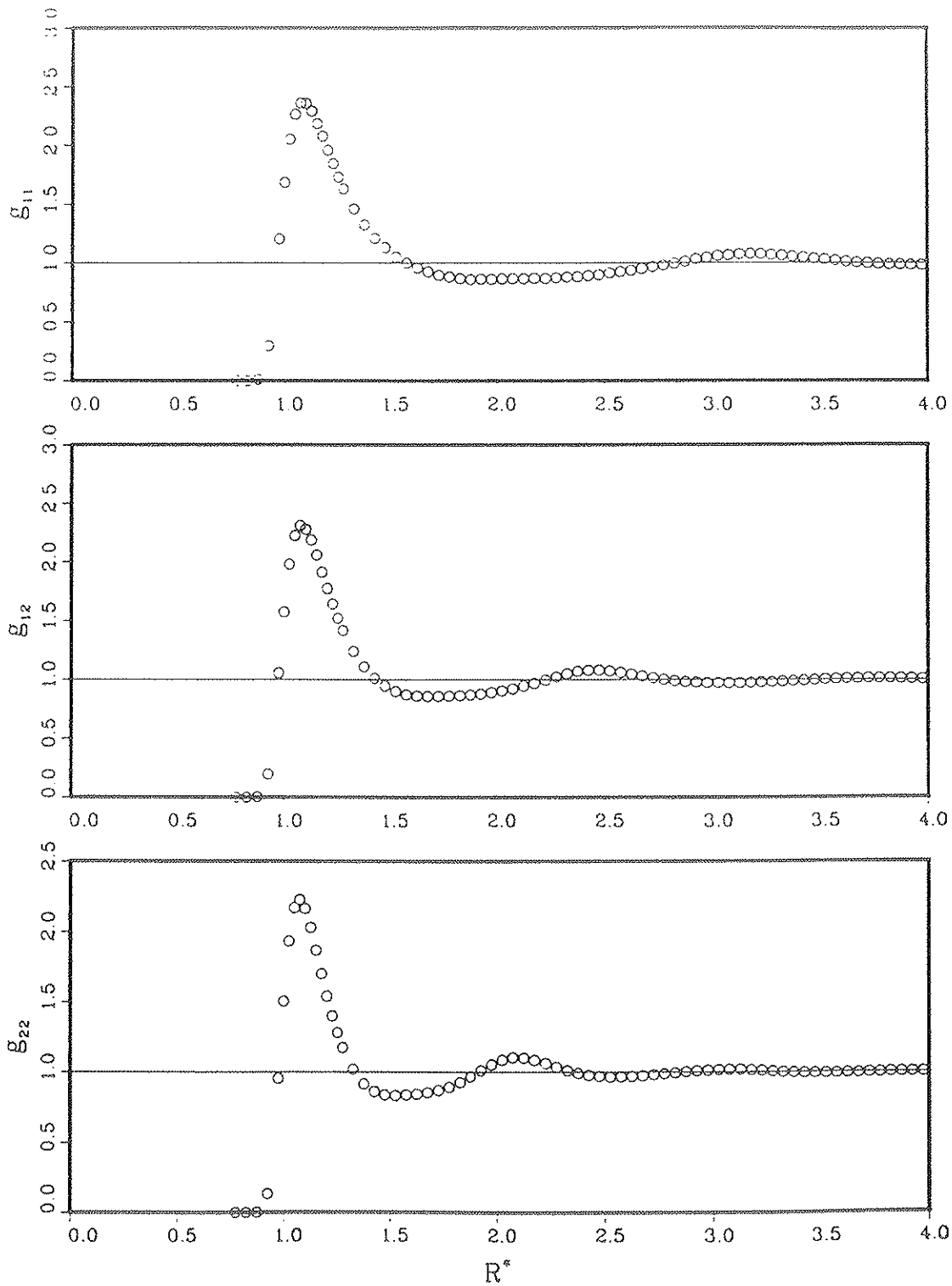


Radial Distribution Functions for $T^* = 2.00$
$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1260$



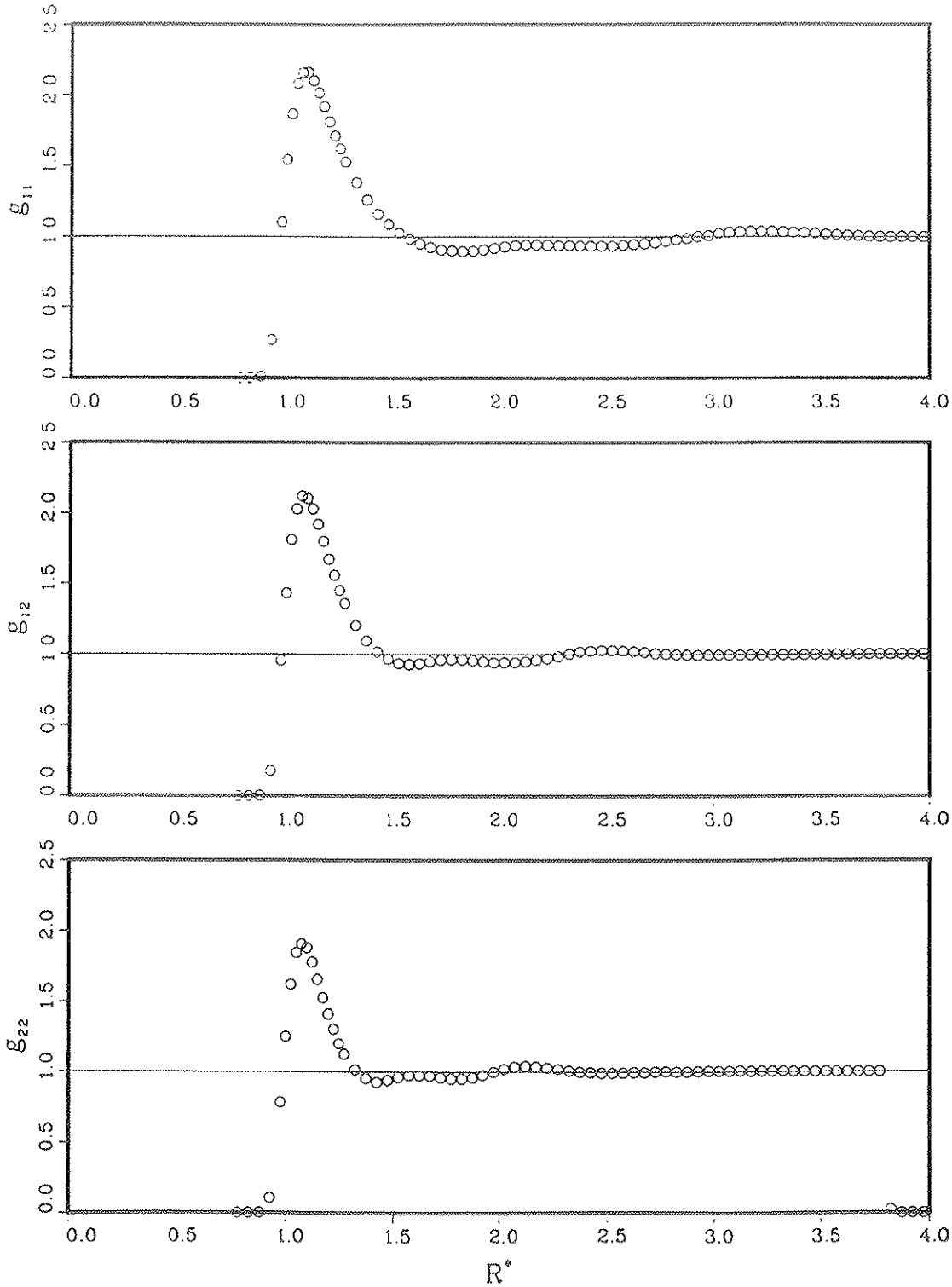
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1650$



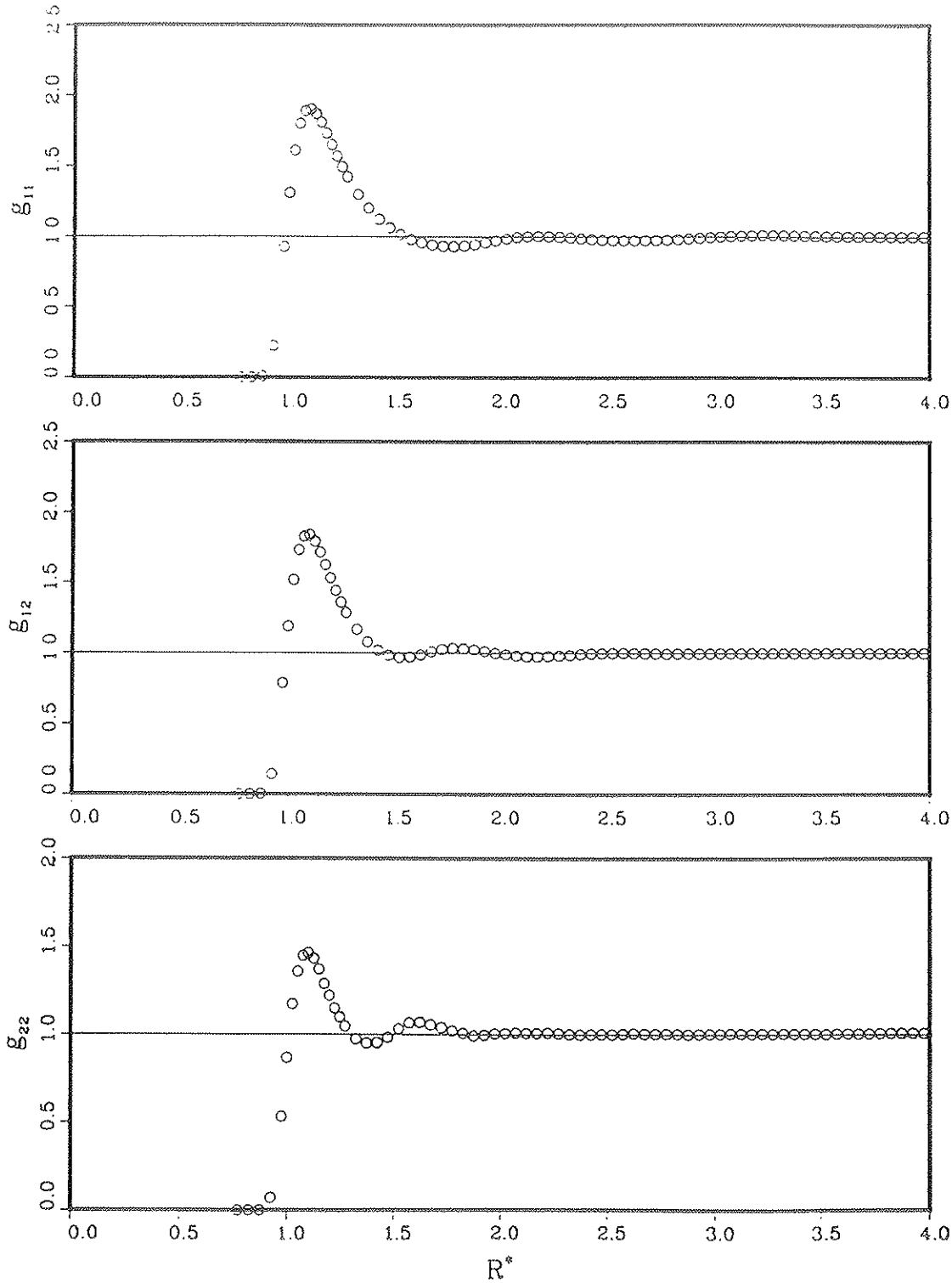
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.2435$



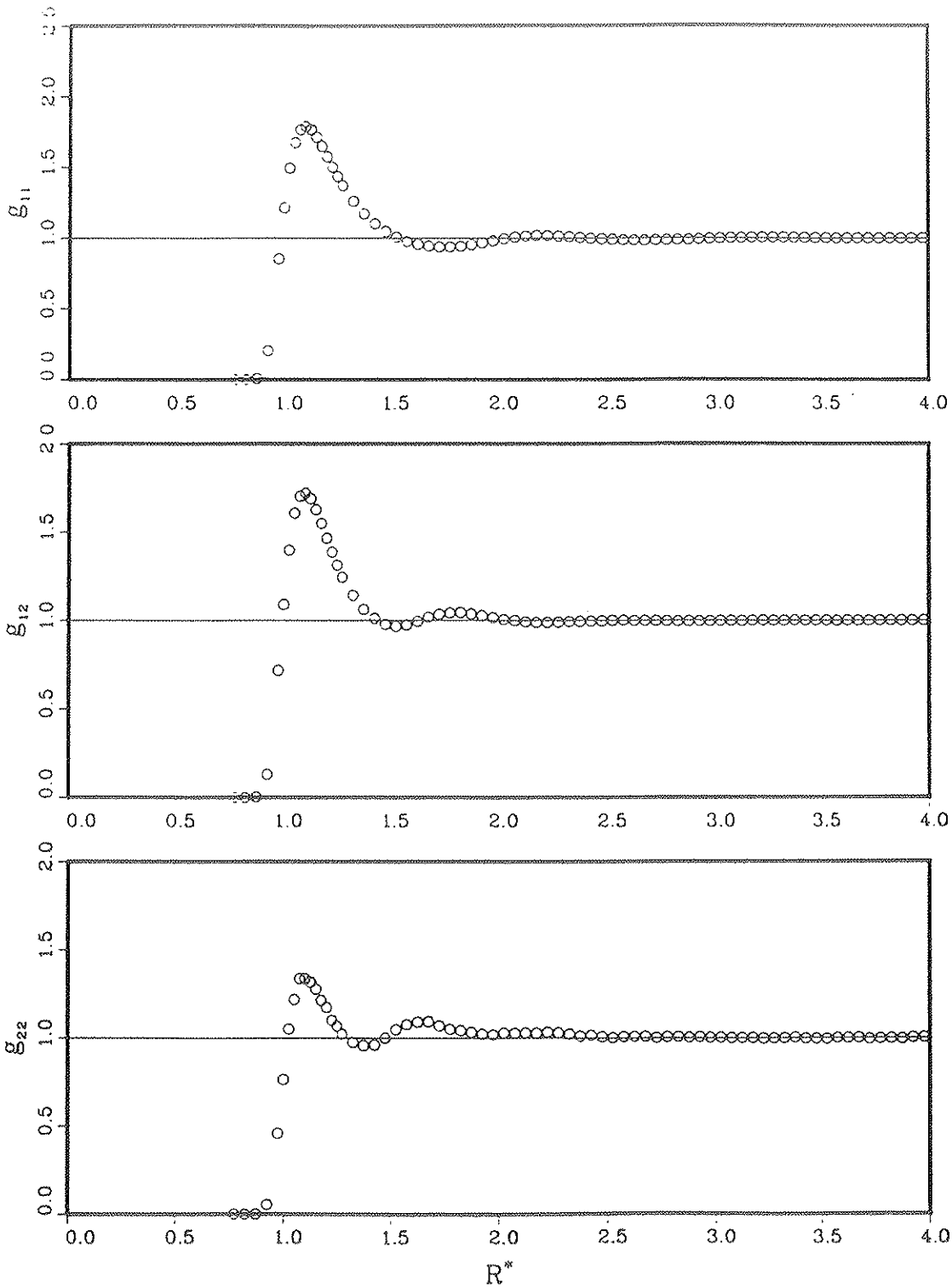
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.3058$



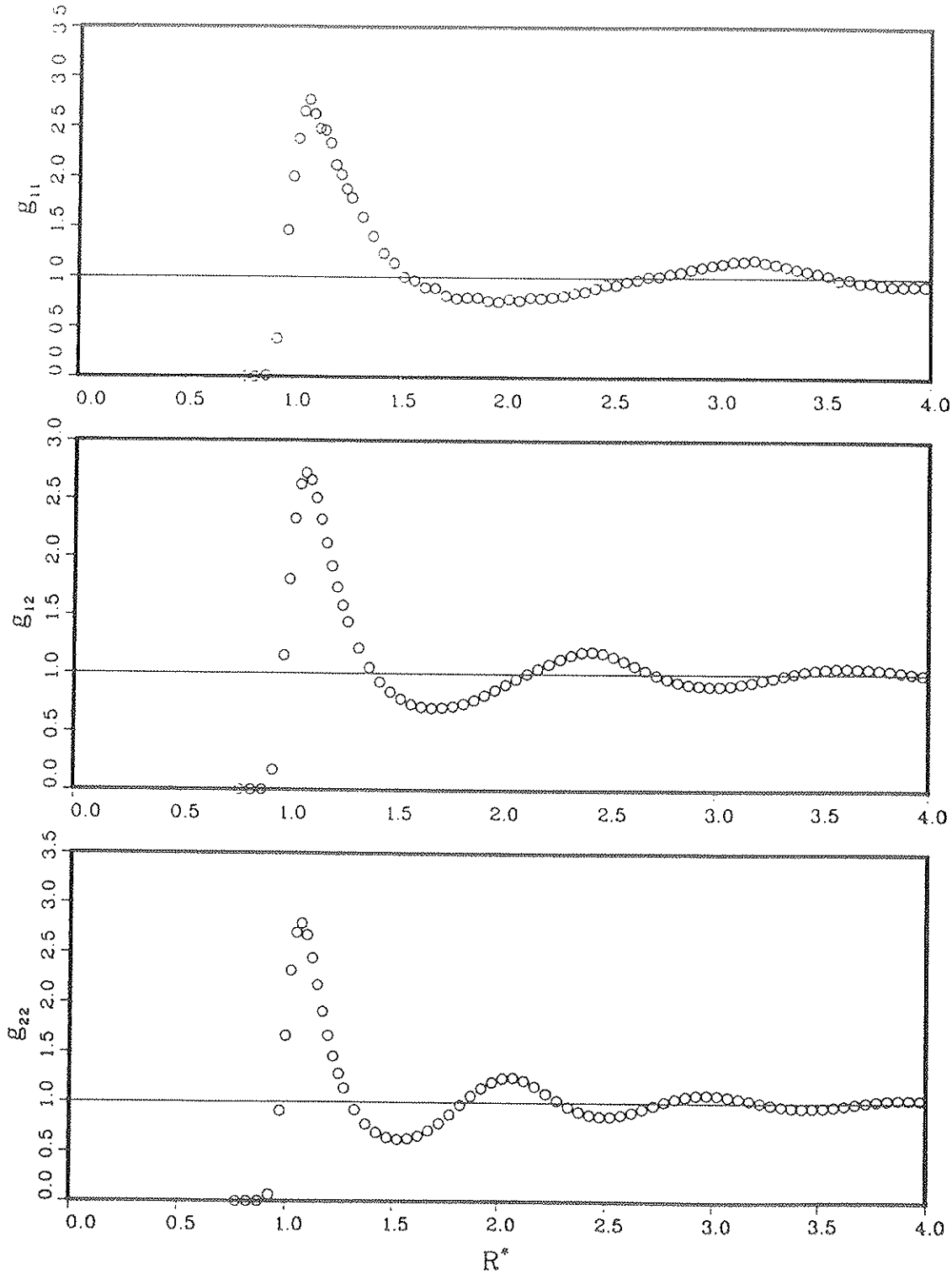
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.3215$

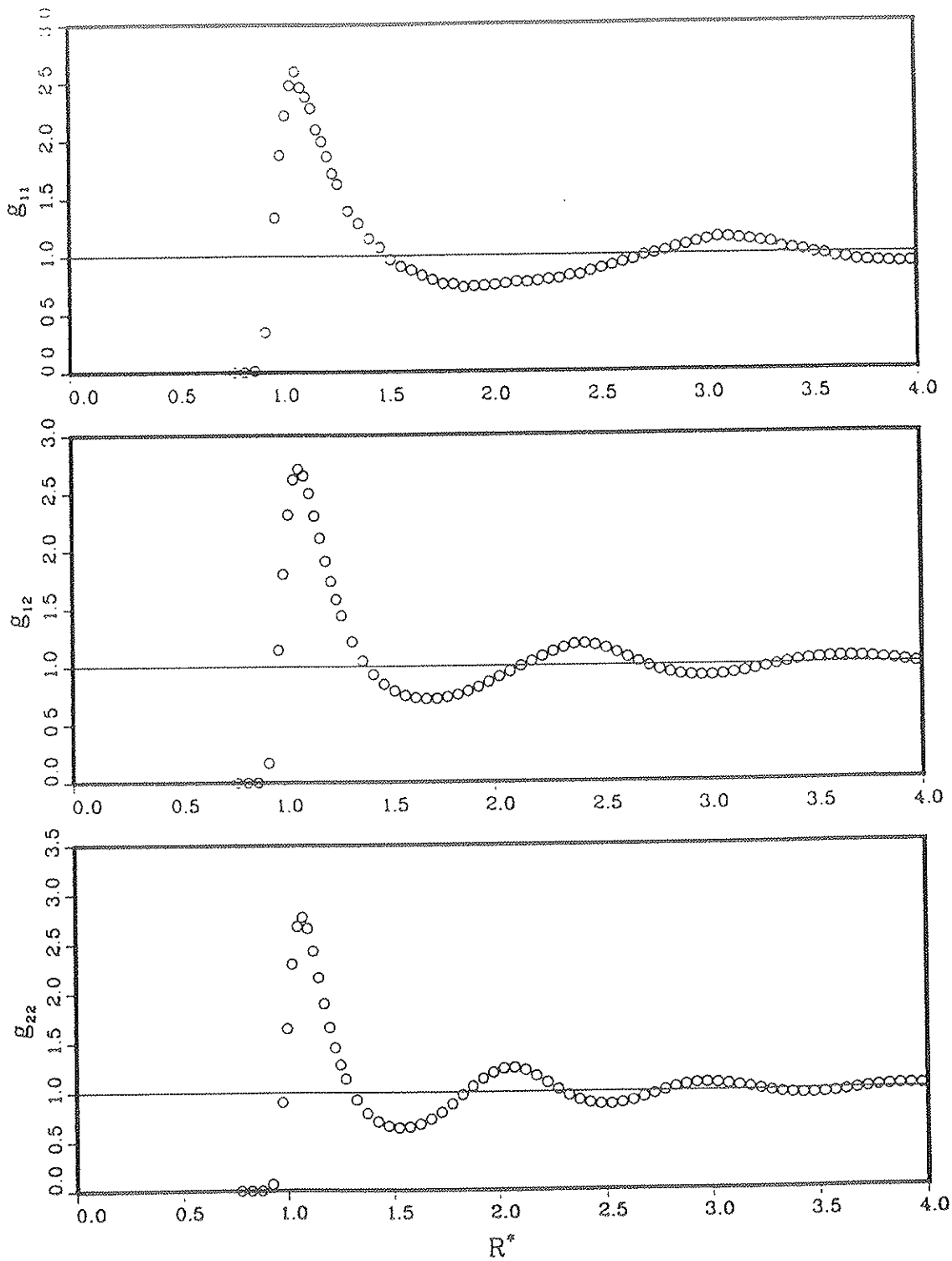


Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.1113$

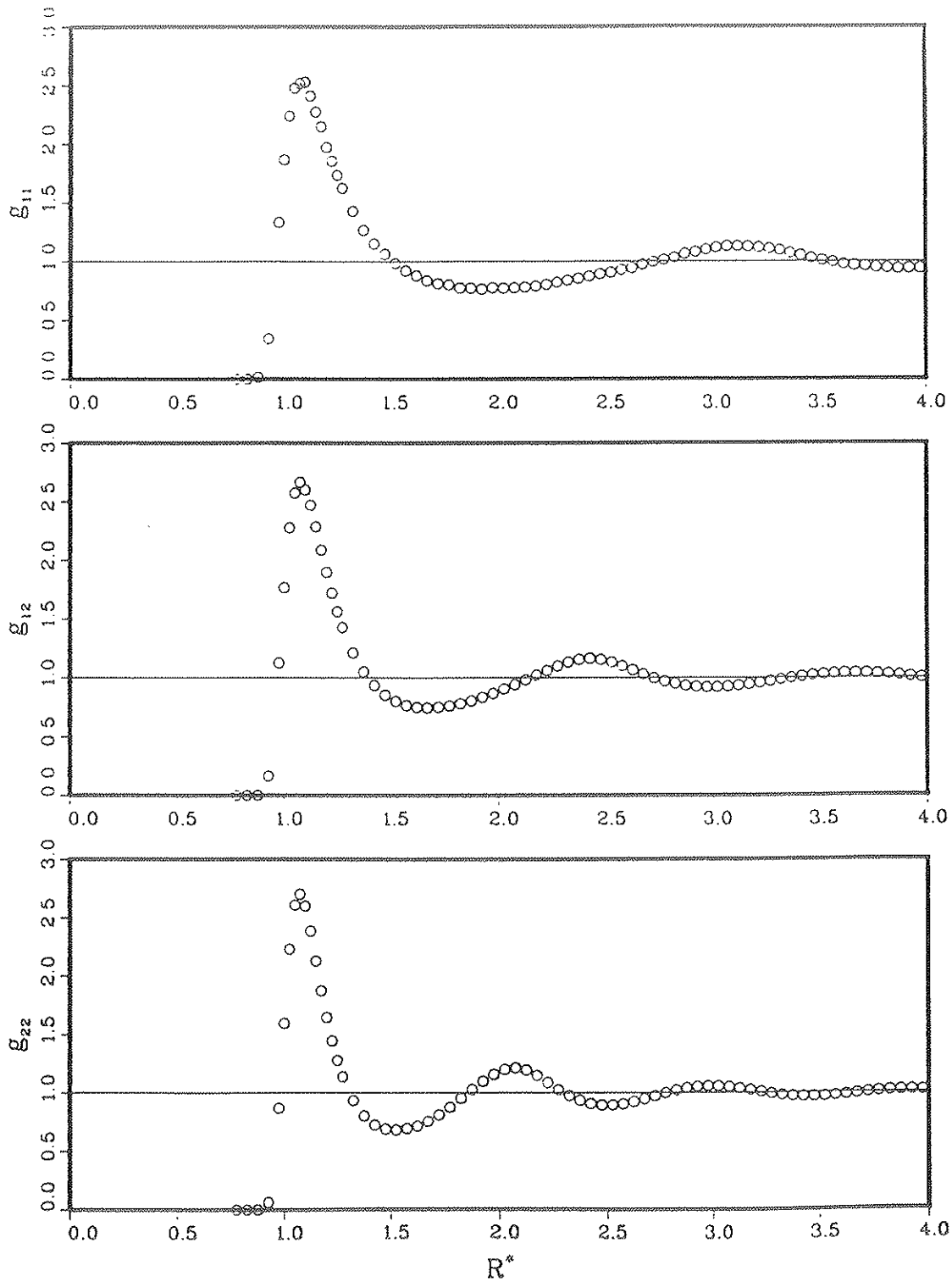


Radial Distribution Functions for $T^* = 2.00$
$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.1162$



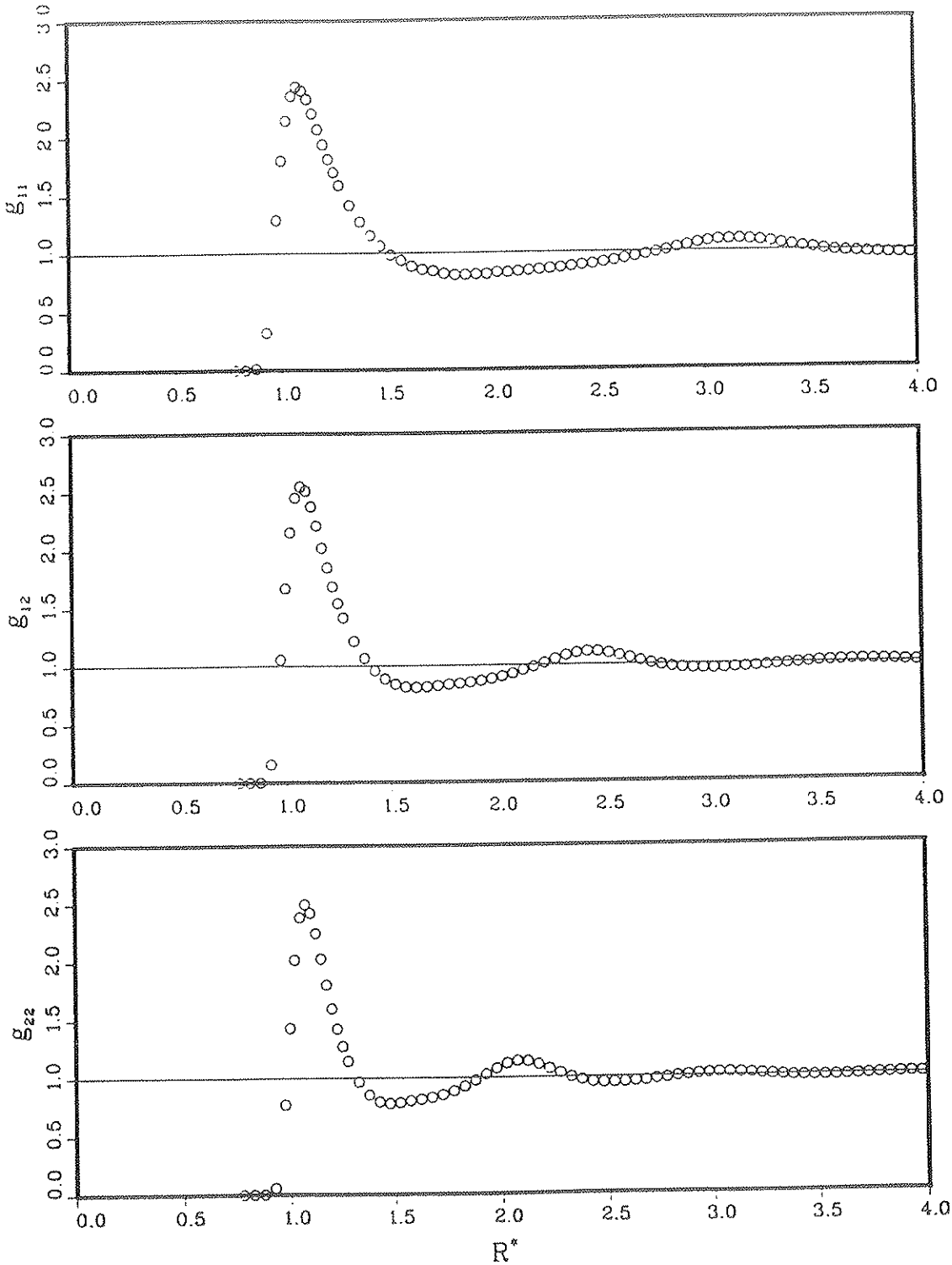
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.1338$



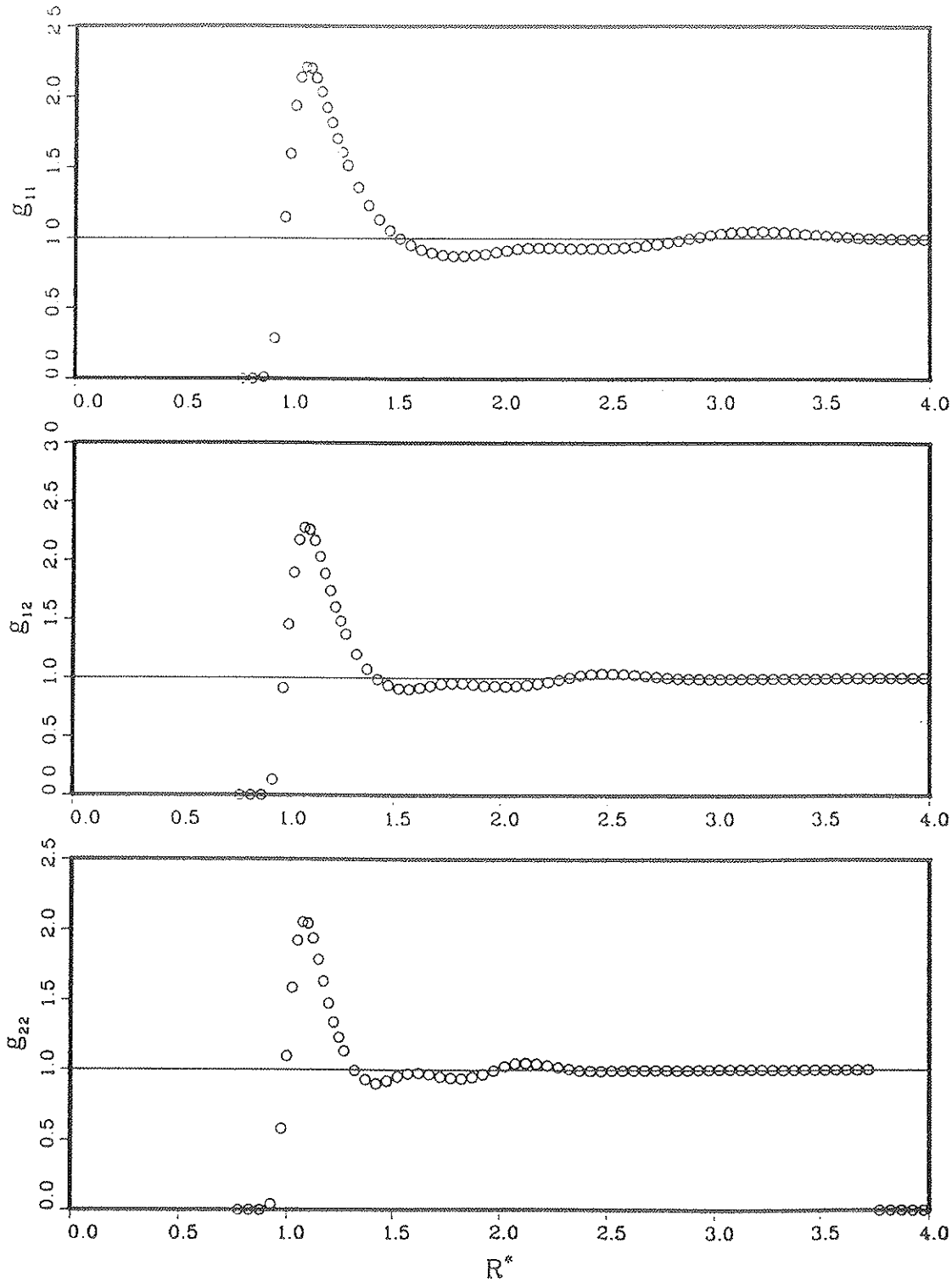
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.50$ $\varepsilon_{22}, \varepsilon_{11} = 2.00$ $\rho^* = 0.1772$



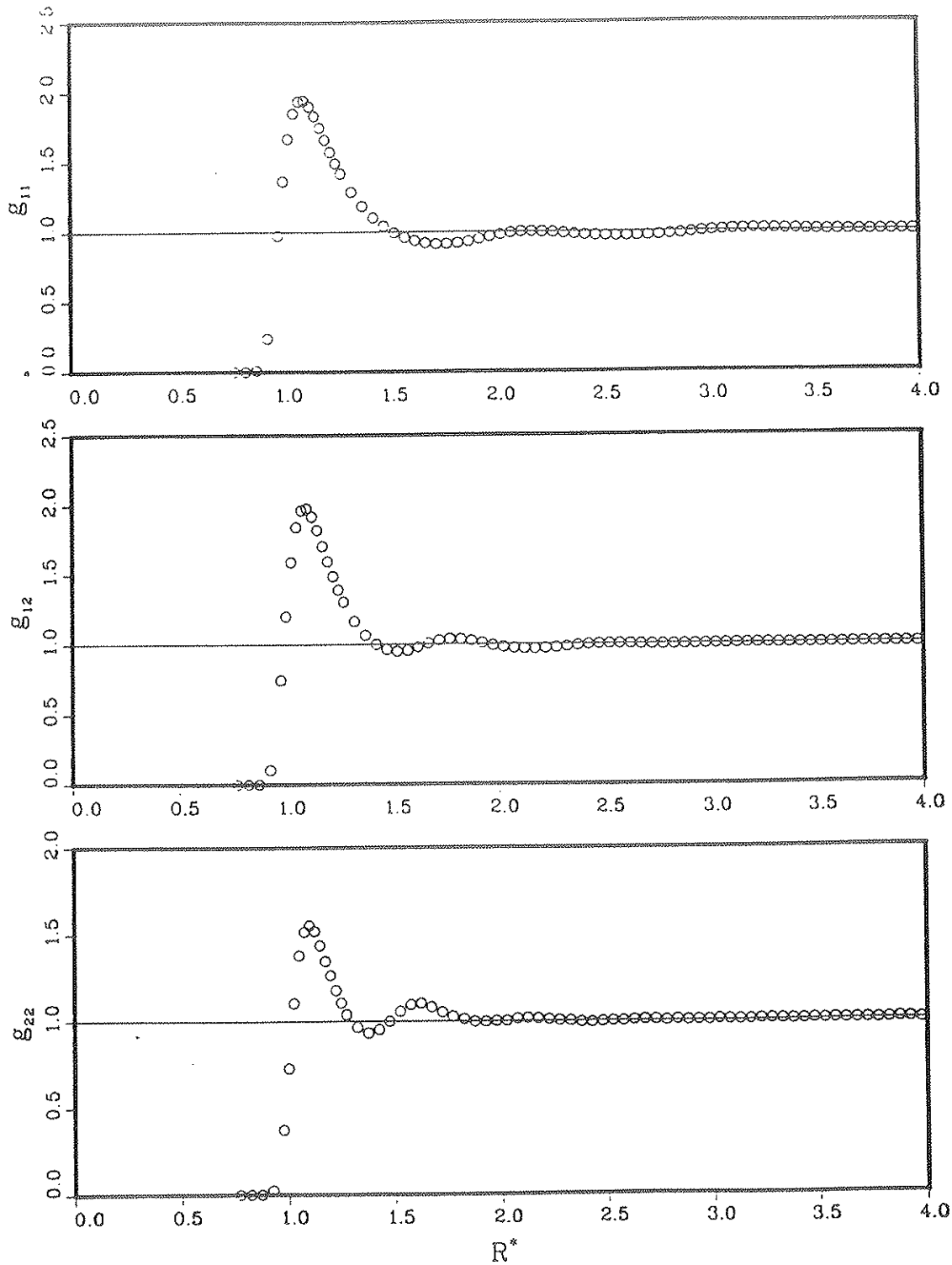
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.2571$



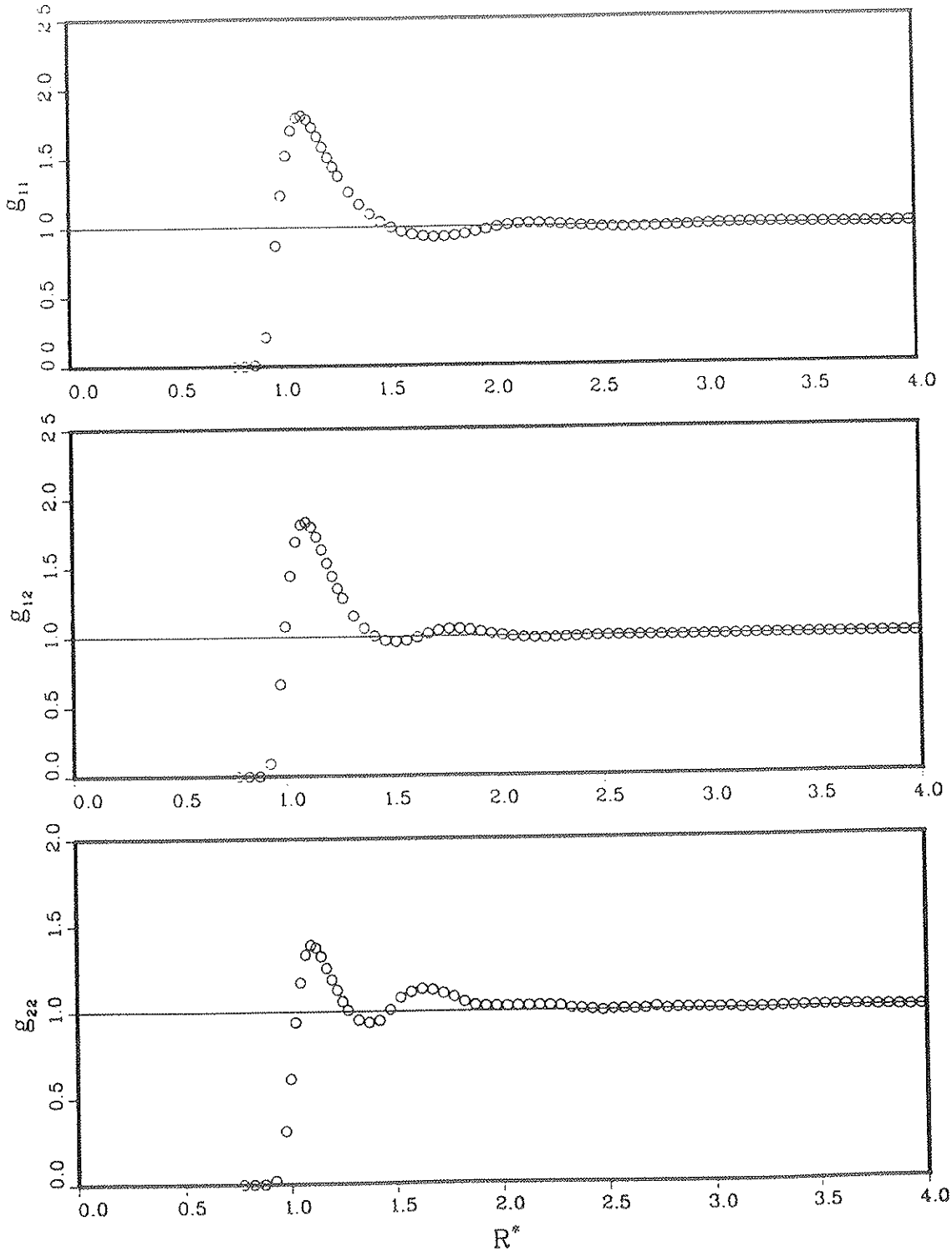
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.3315$



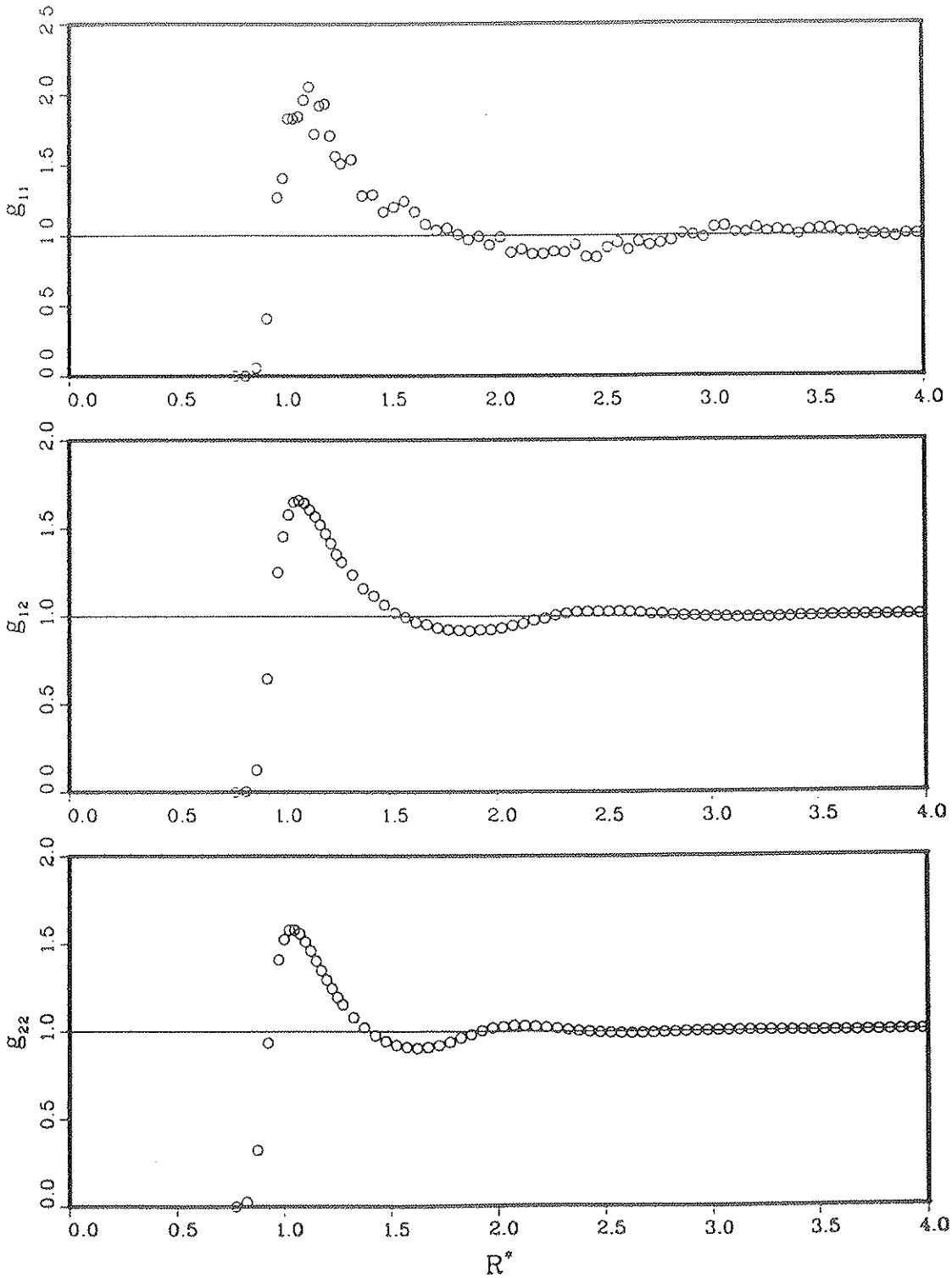
Radial Distribution Functions for $T^* = 2.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.3387$



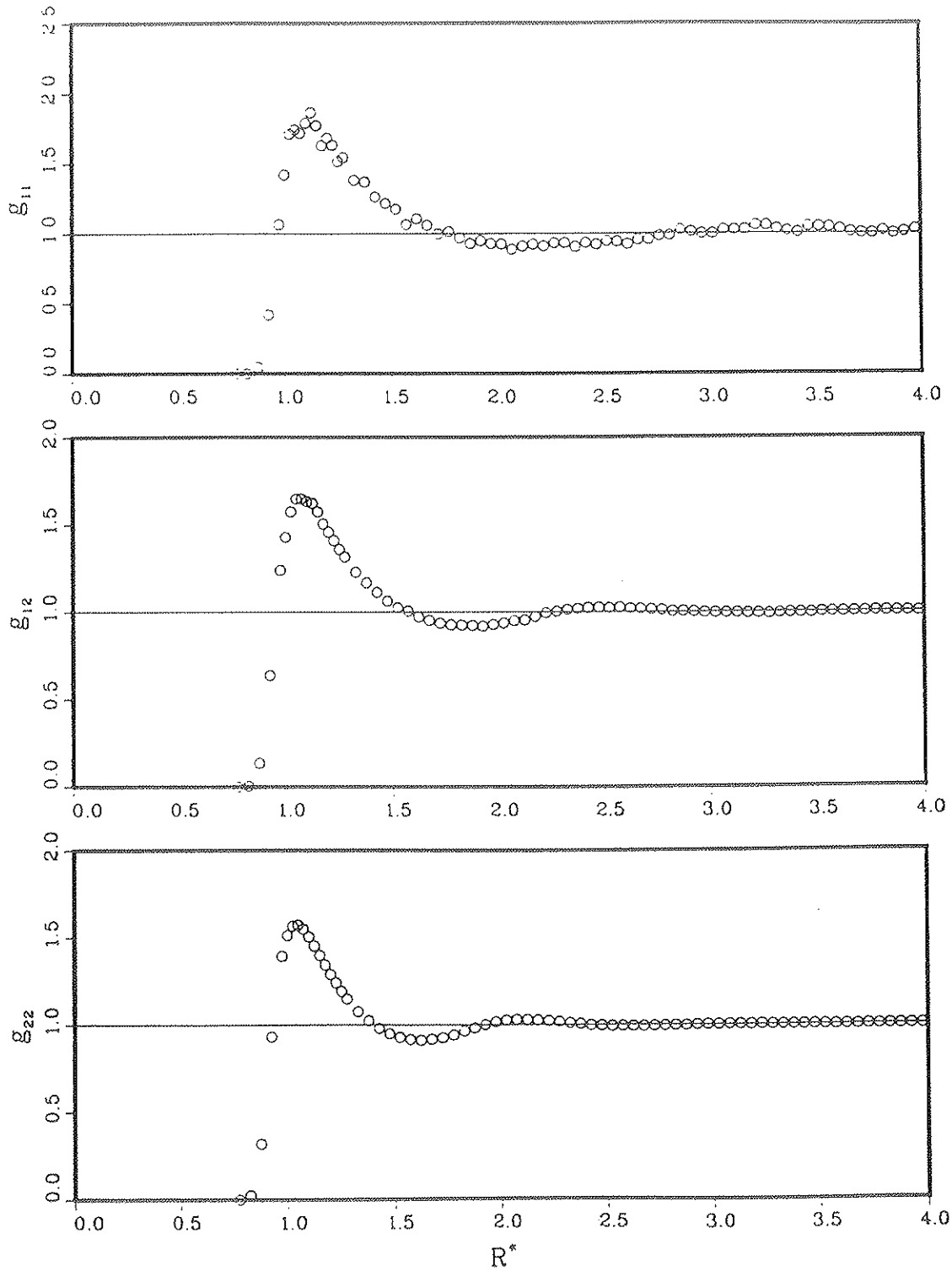
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.0757$

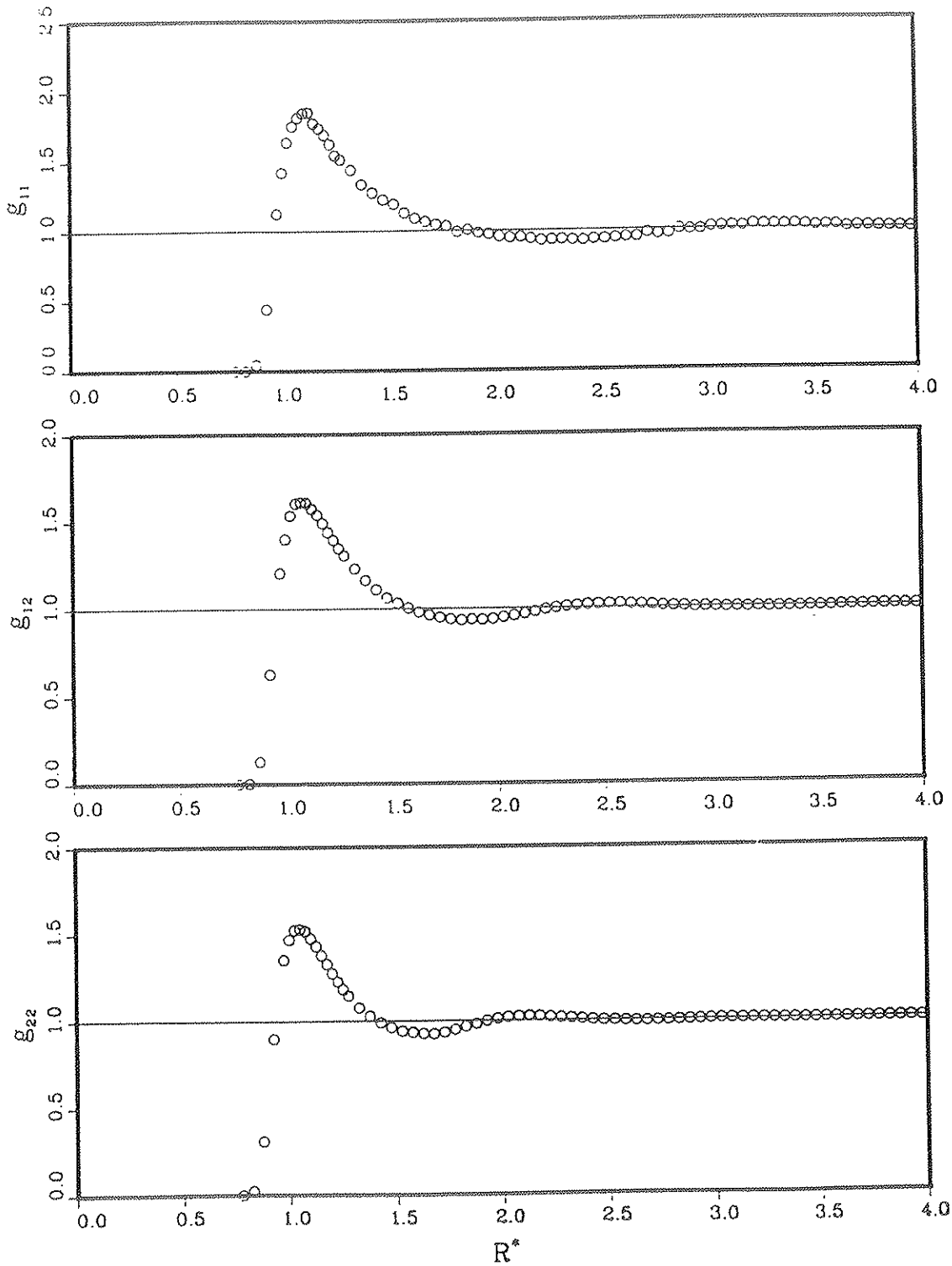


Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.0782$

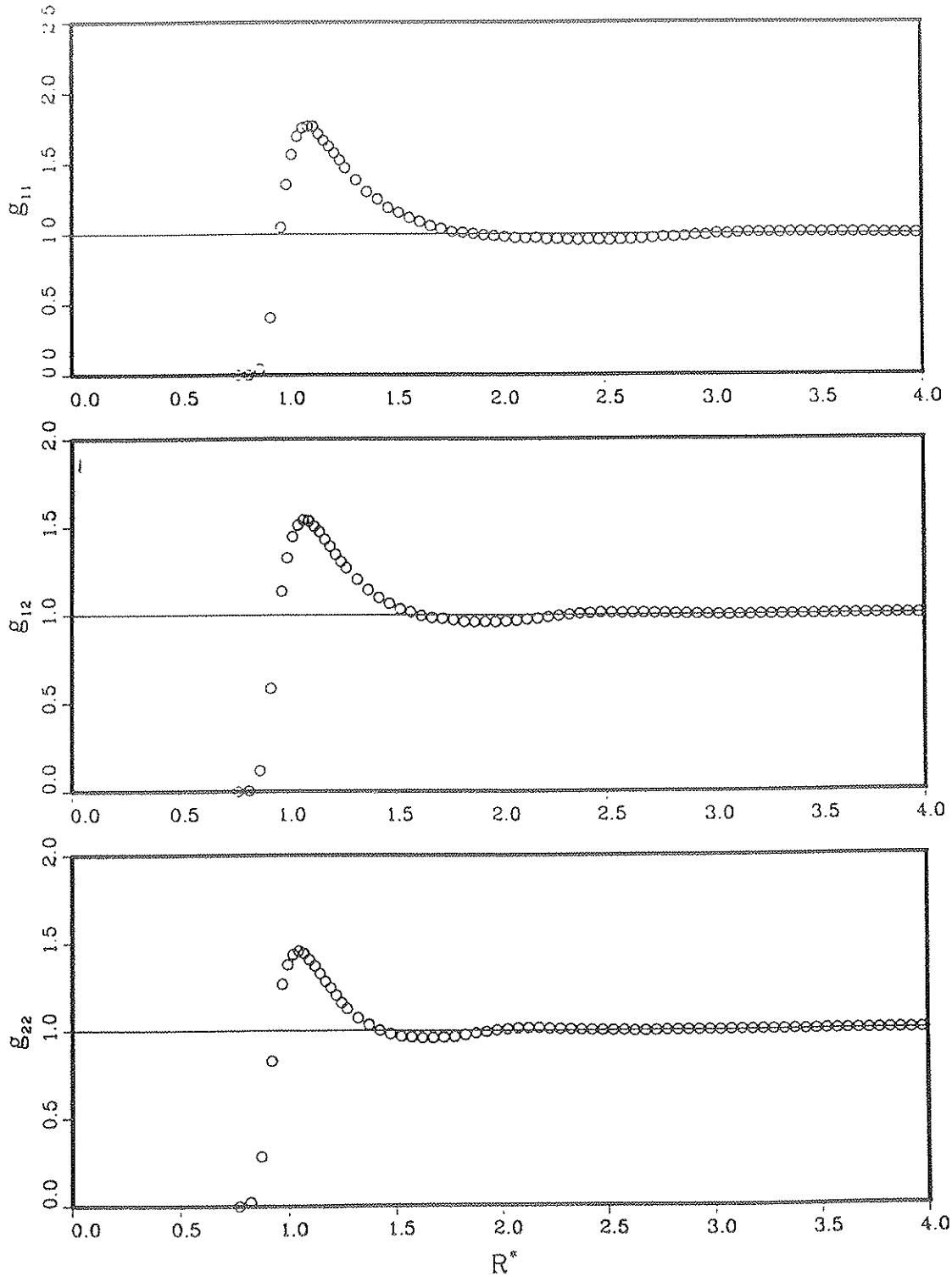


Radial Distribution Functions for $T^* = 3.00$
$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.0868$



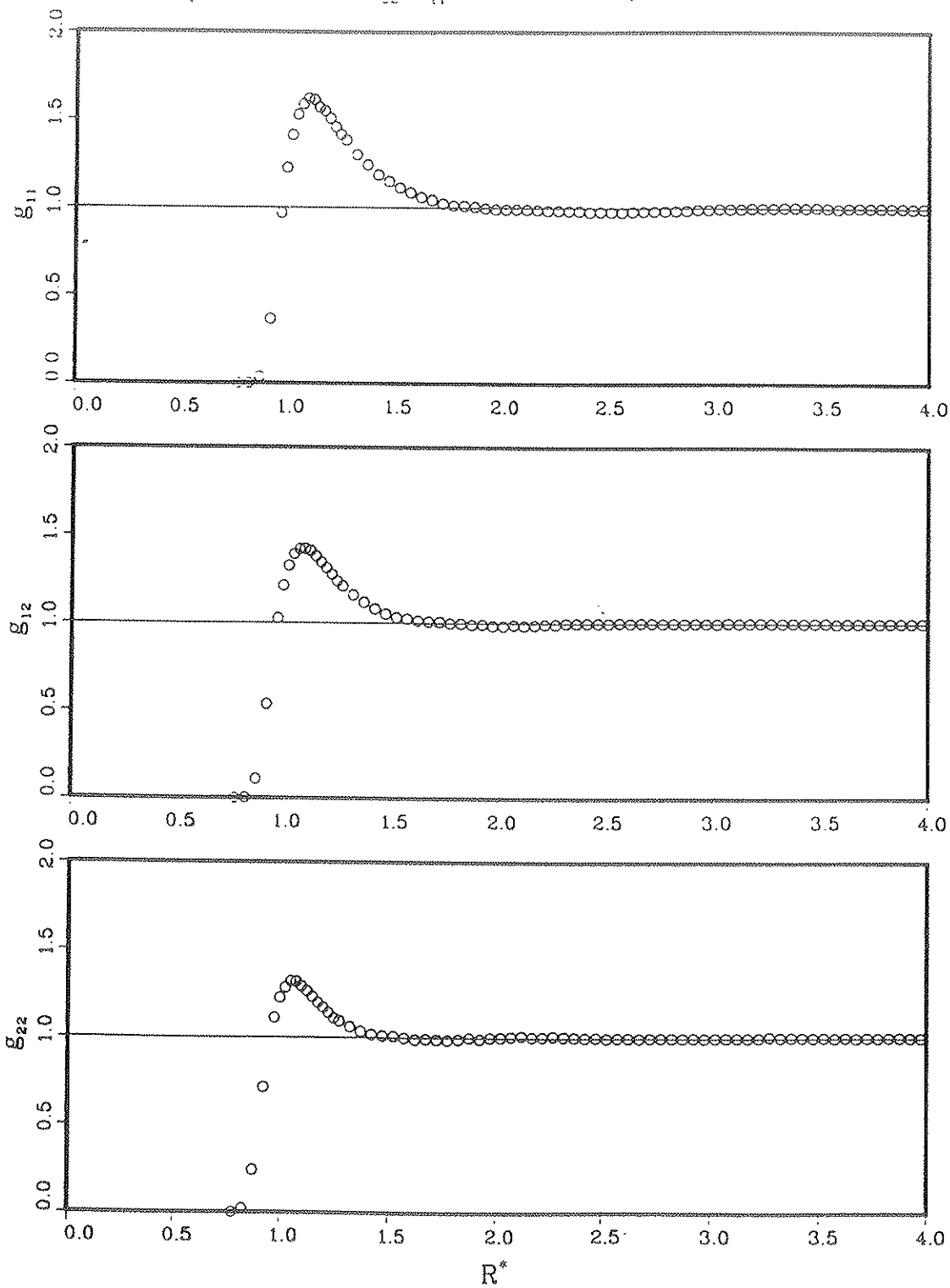
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1053$



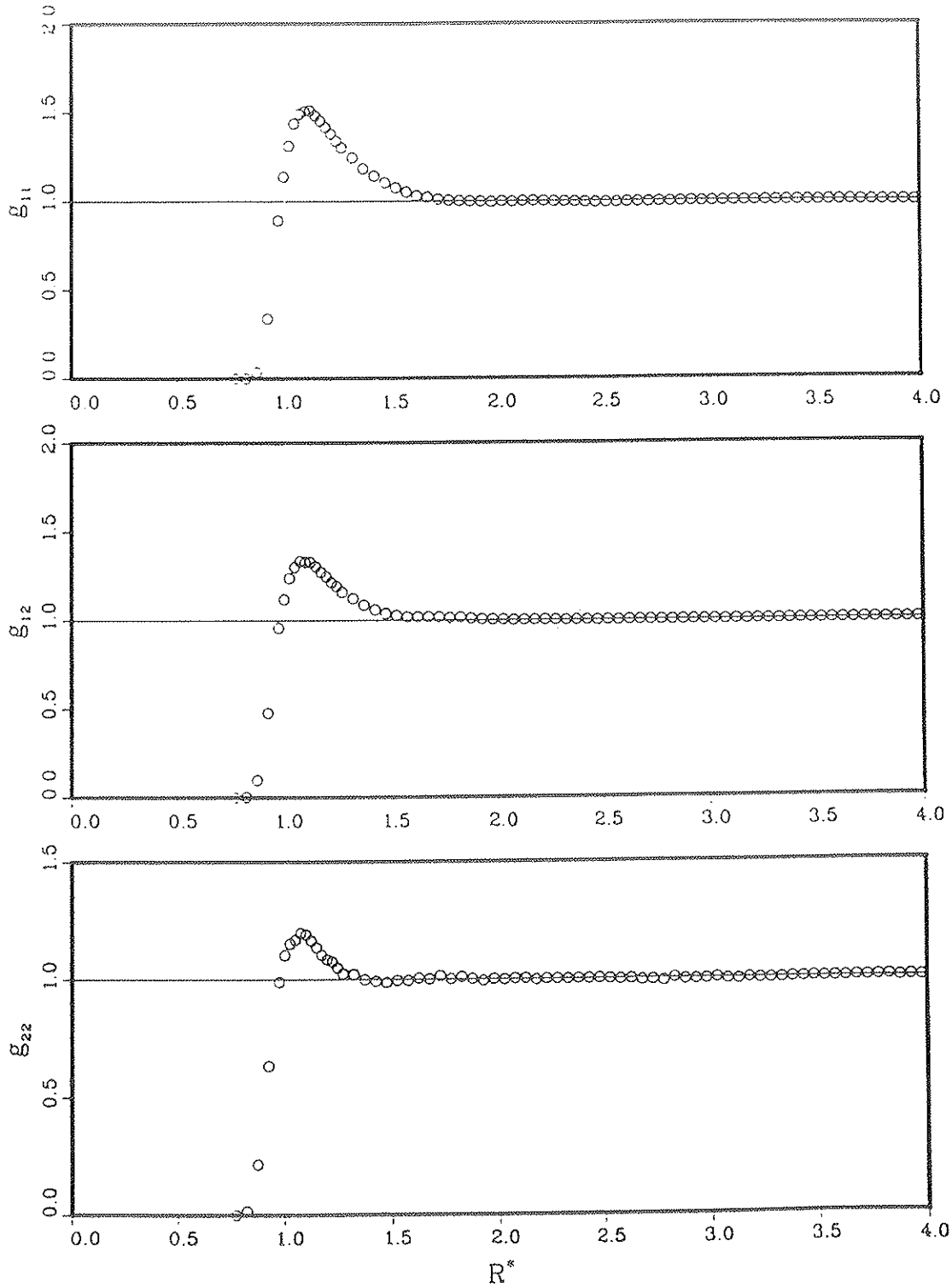
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1312$

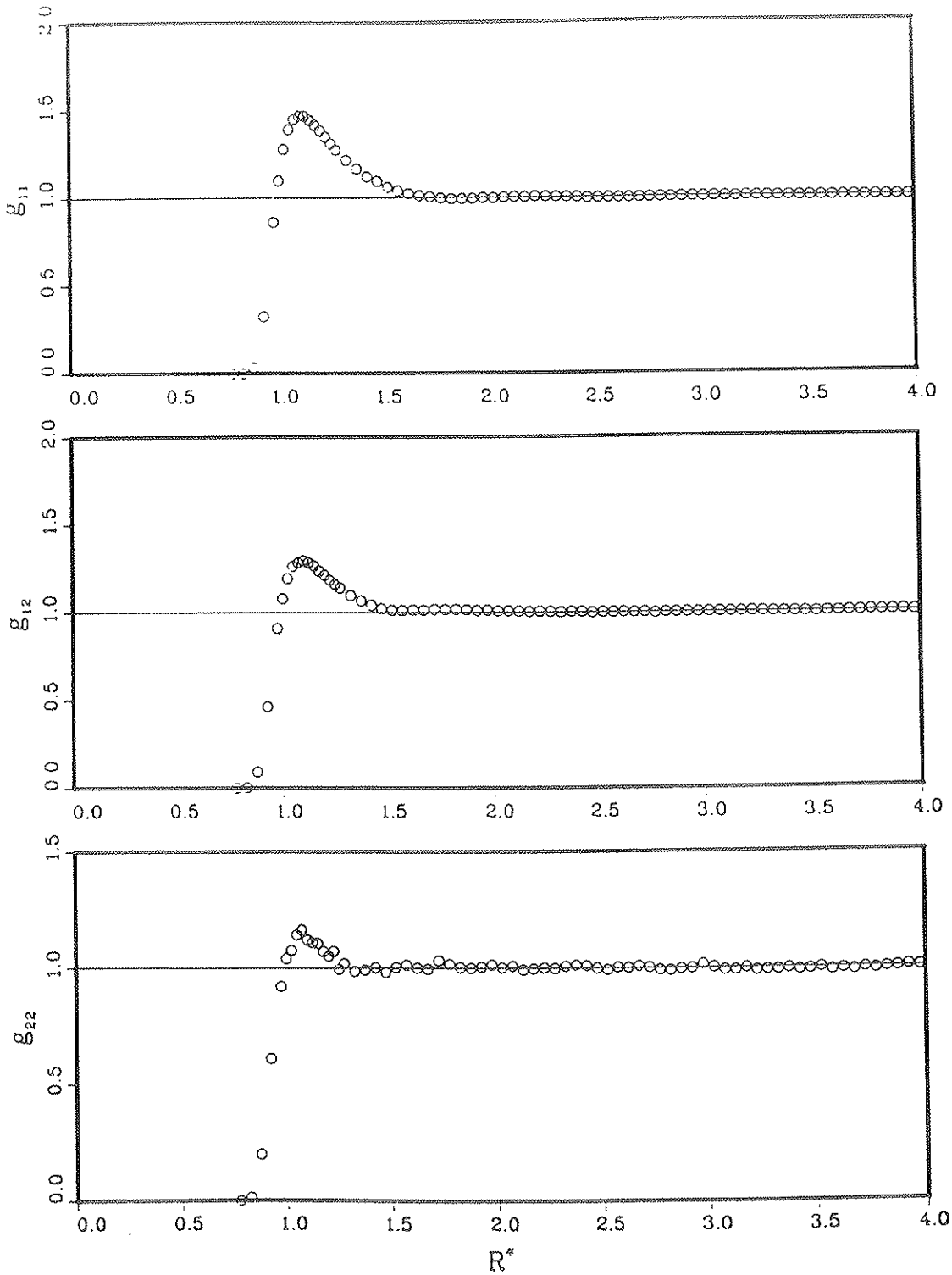


Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1509$

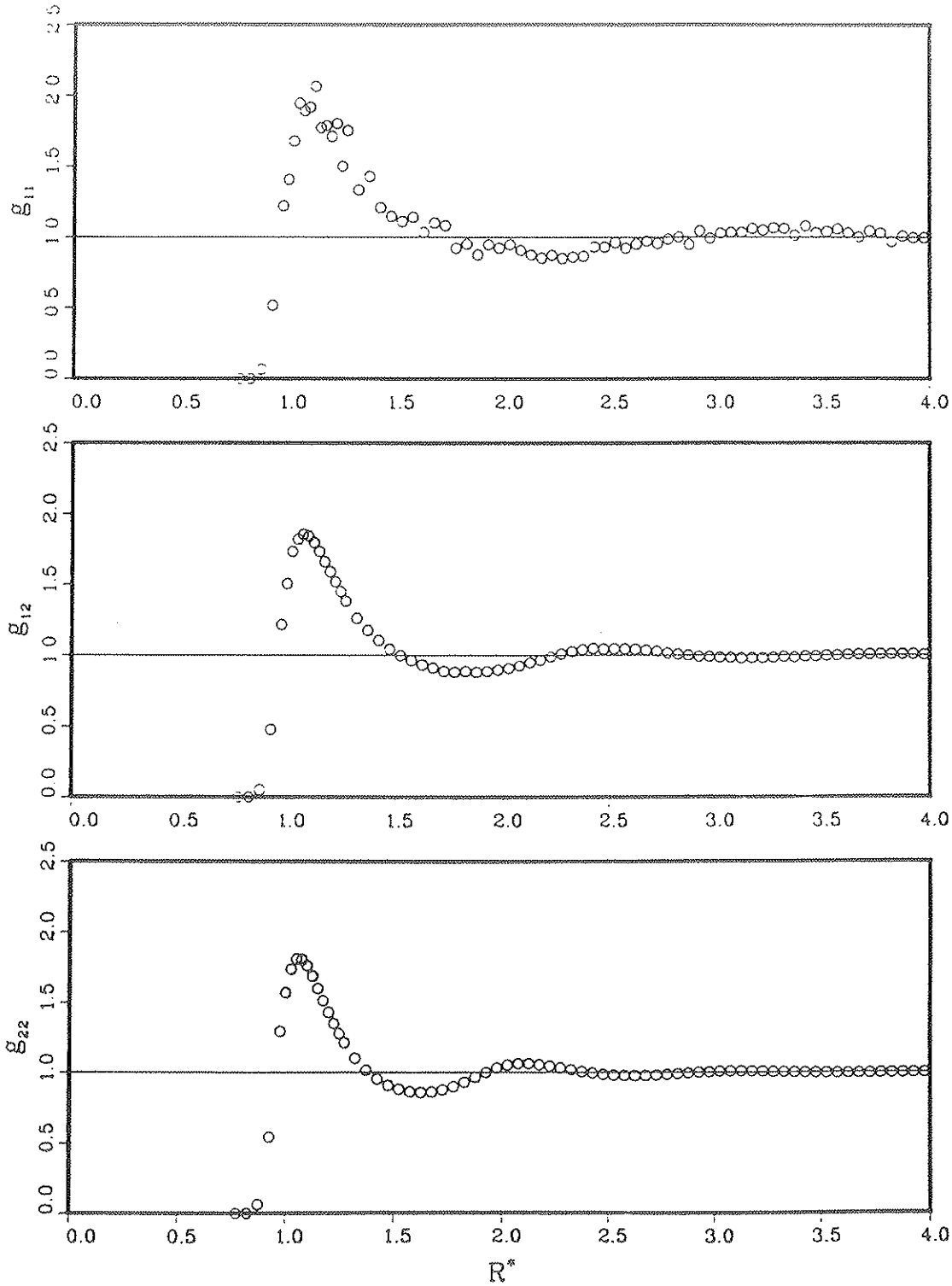


Radial Distribution Functions for $T^* = 3.00$
$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 0.50$ $\rho^* = 0.1580$



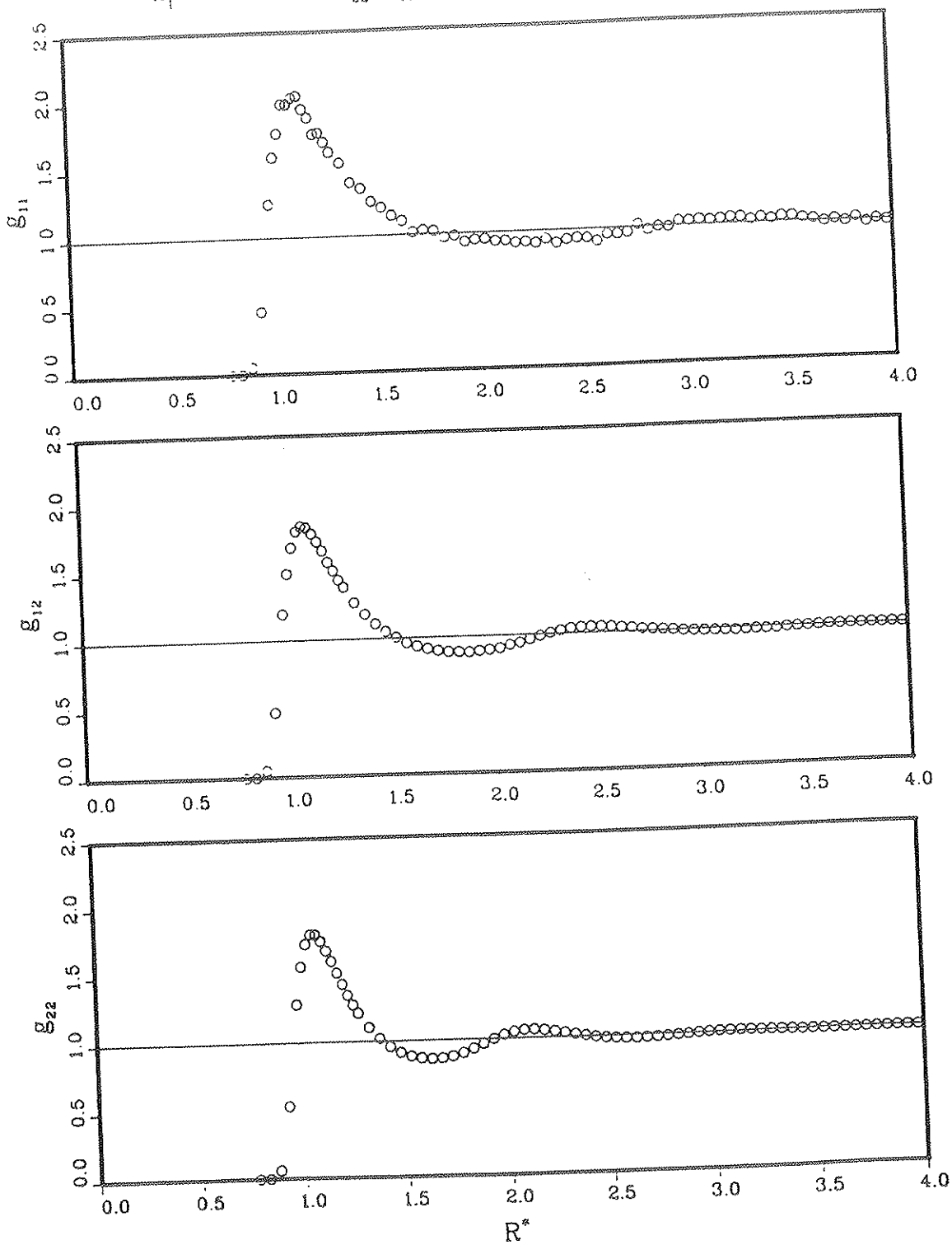
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.0813$



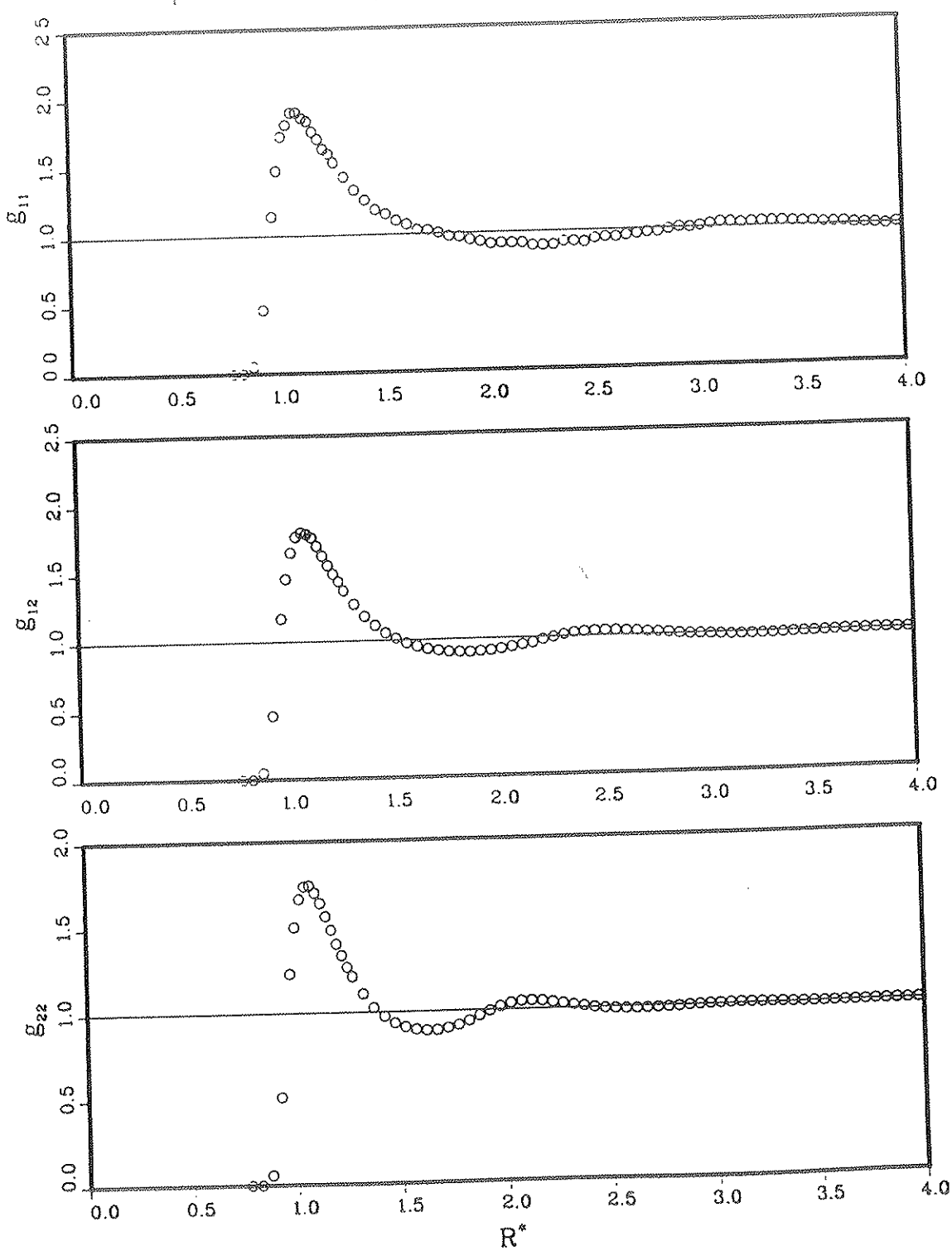
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.0844$



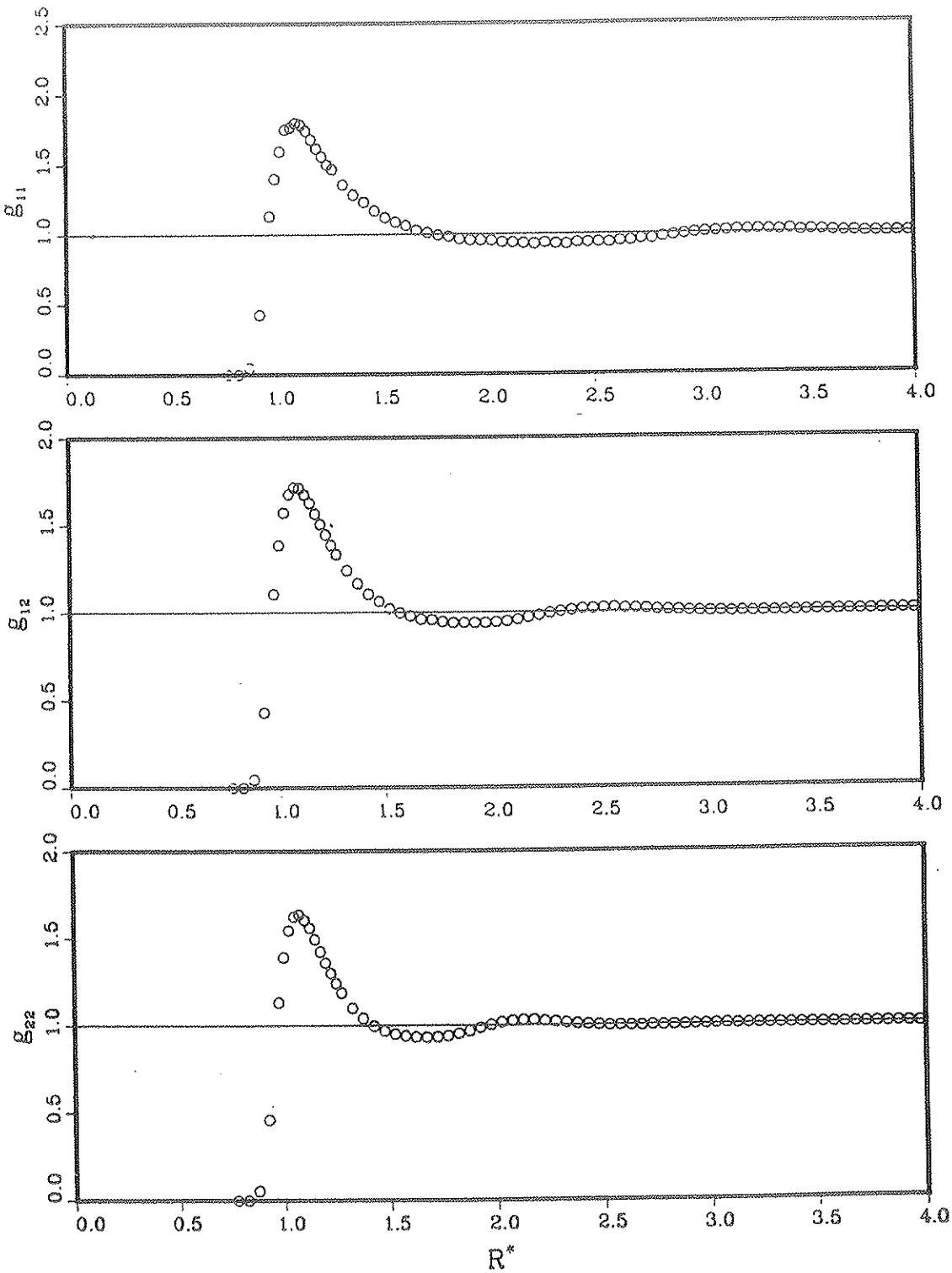
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.0937$

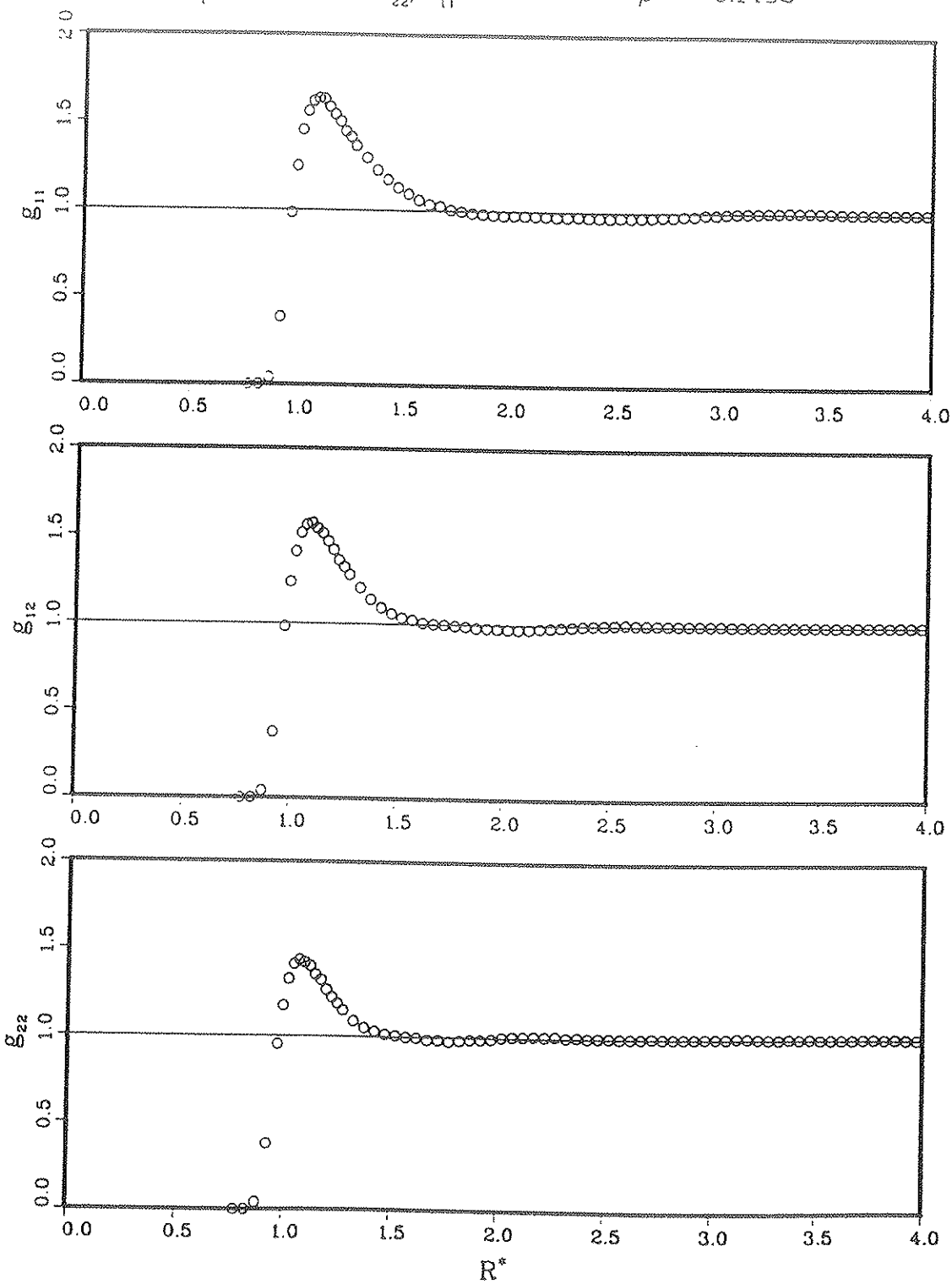


Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.50 \qquad \varepsilon_{22}/\varepsilon_{11} = 1.00 \qquad \rho^* = 0.1168$

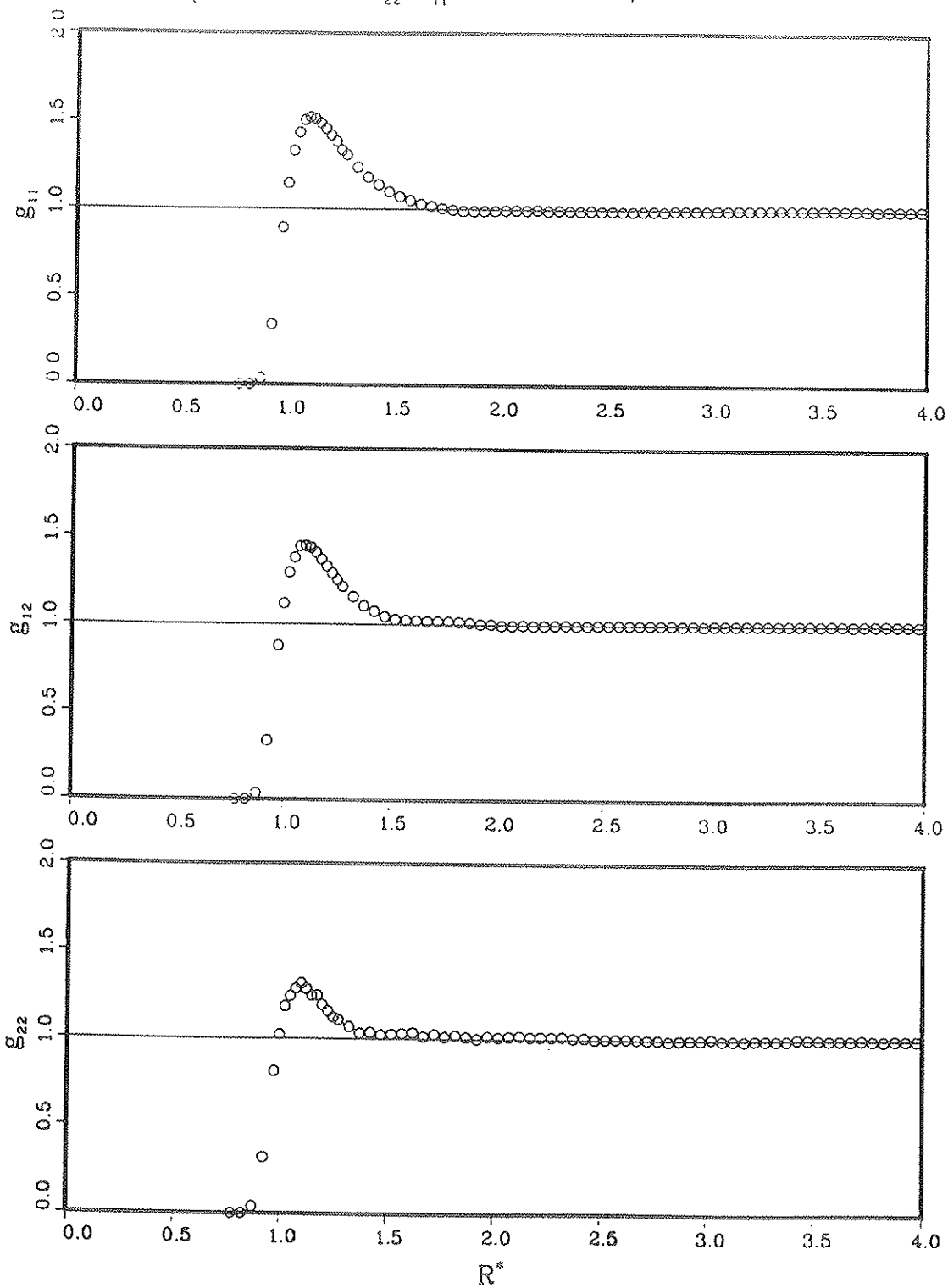


Radial Distribution Functions for $T^* = 3.00$
$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1432$



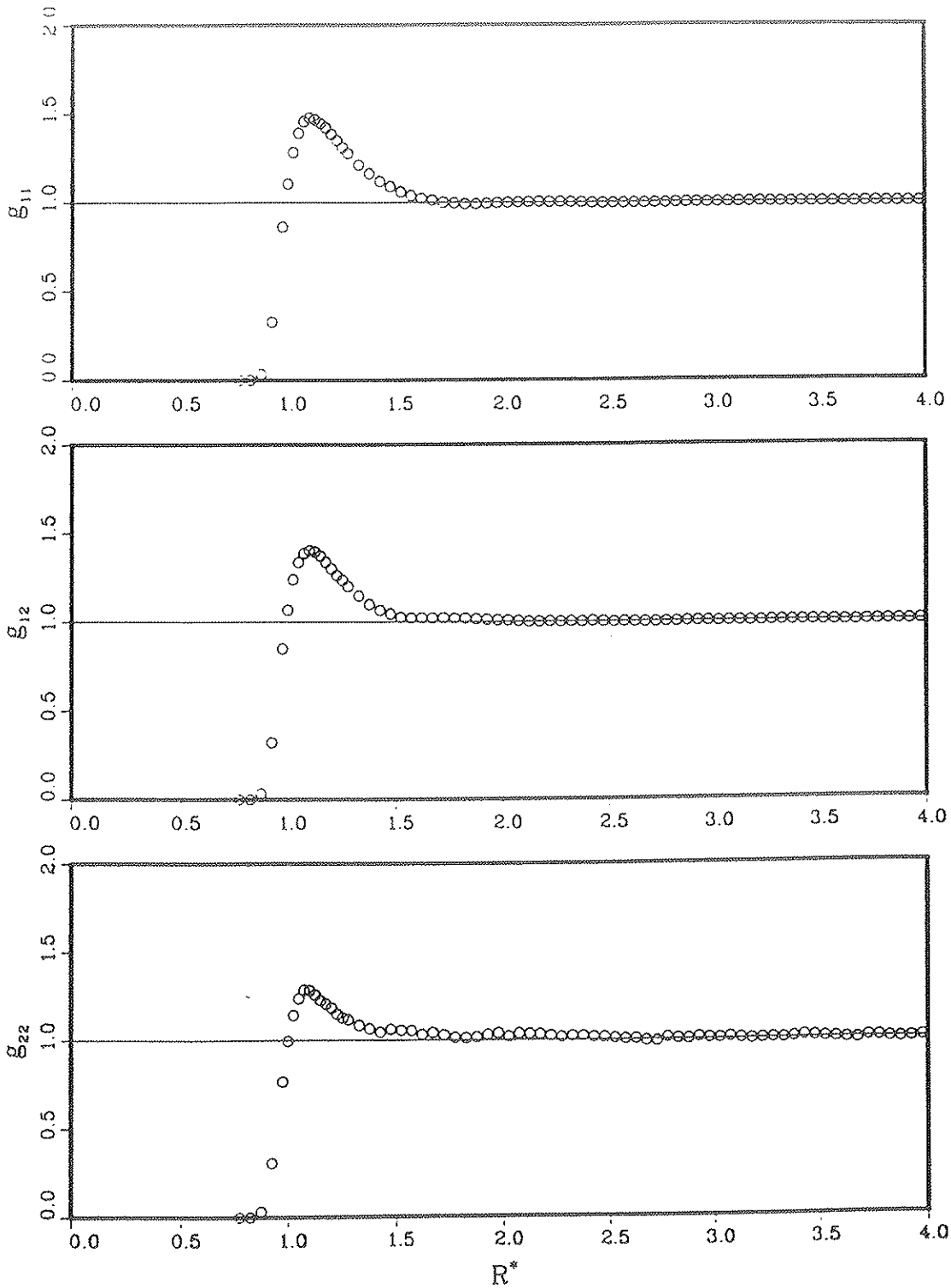
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1590$



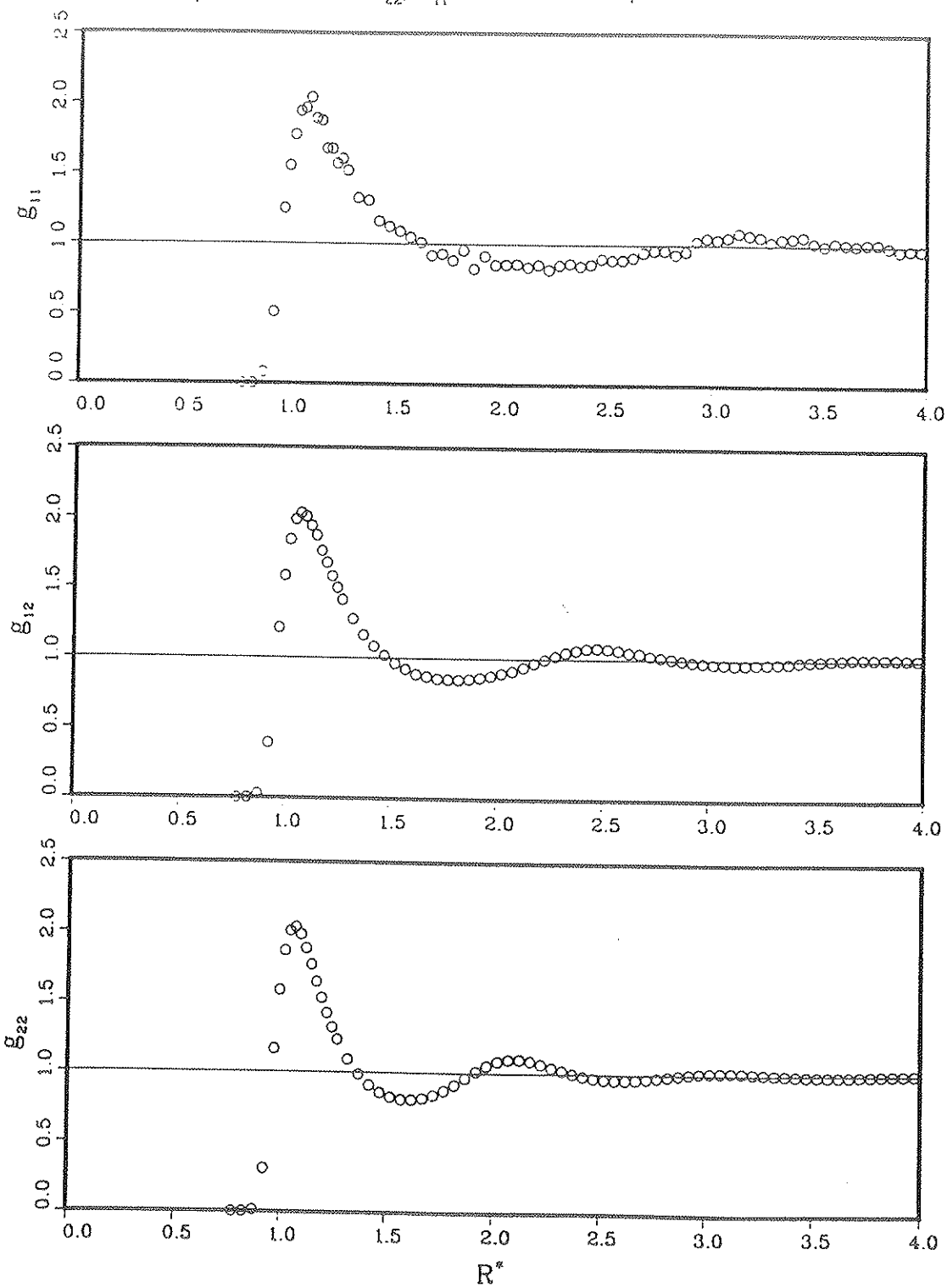
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 1.00$ $\rho^* = 0.1626$

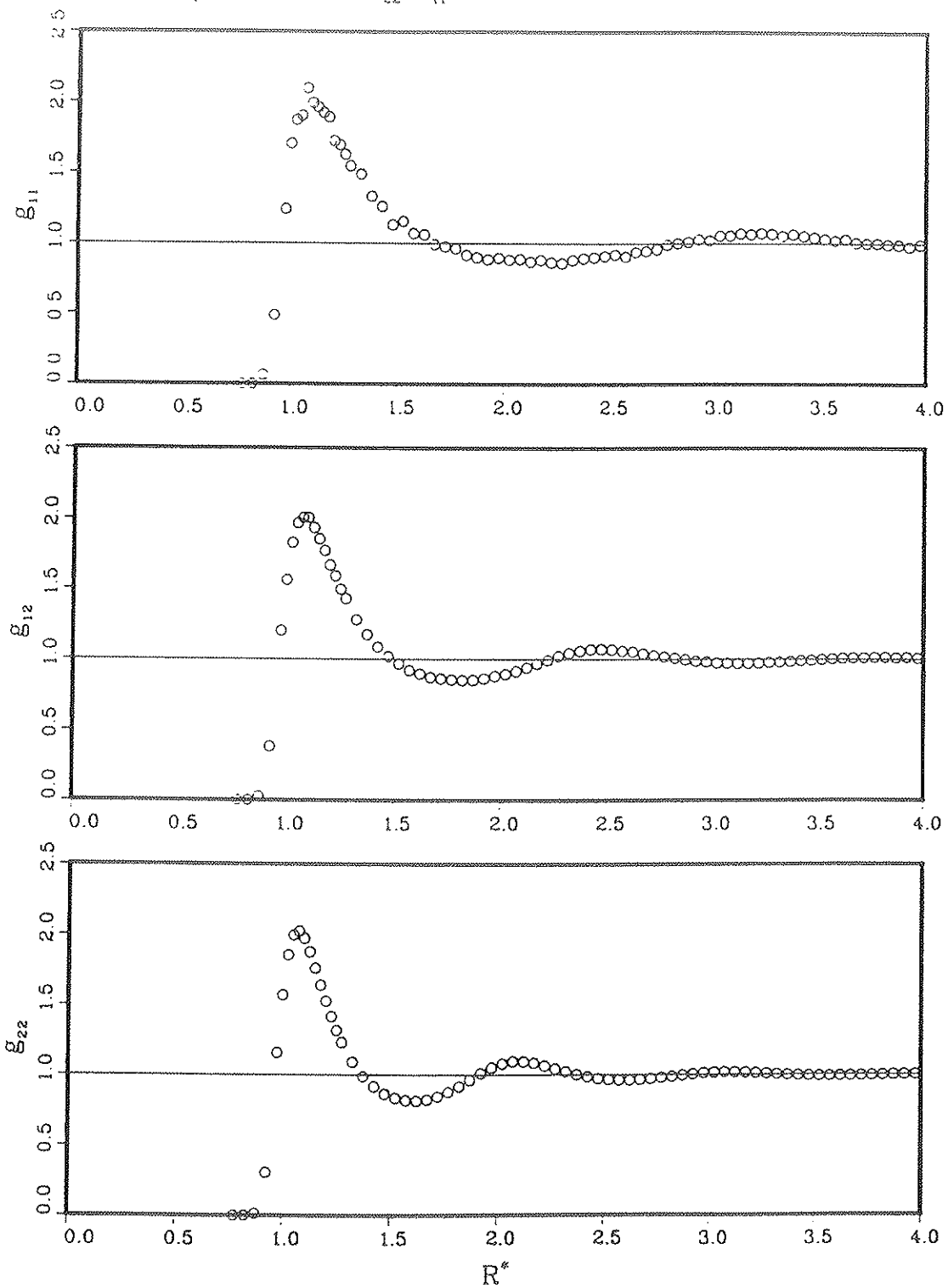


Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.0885$

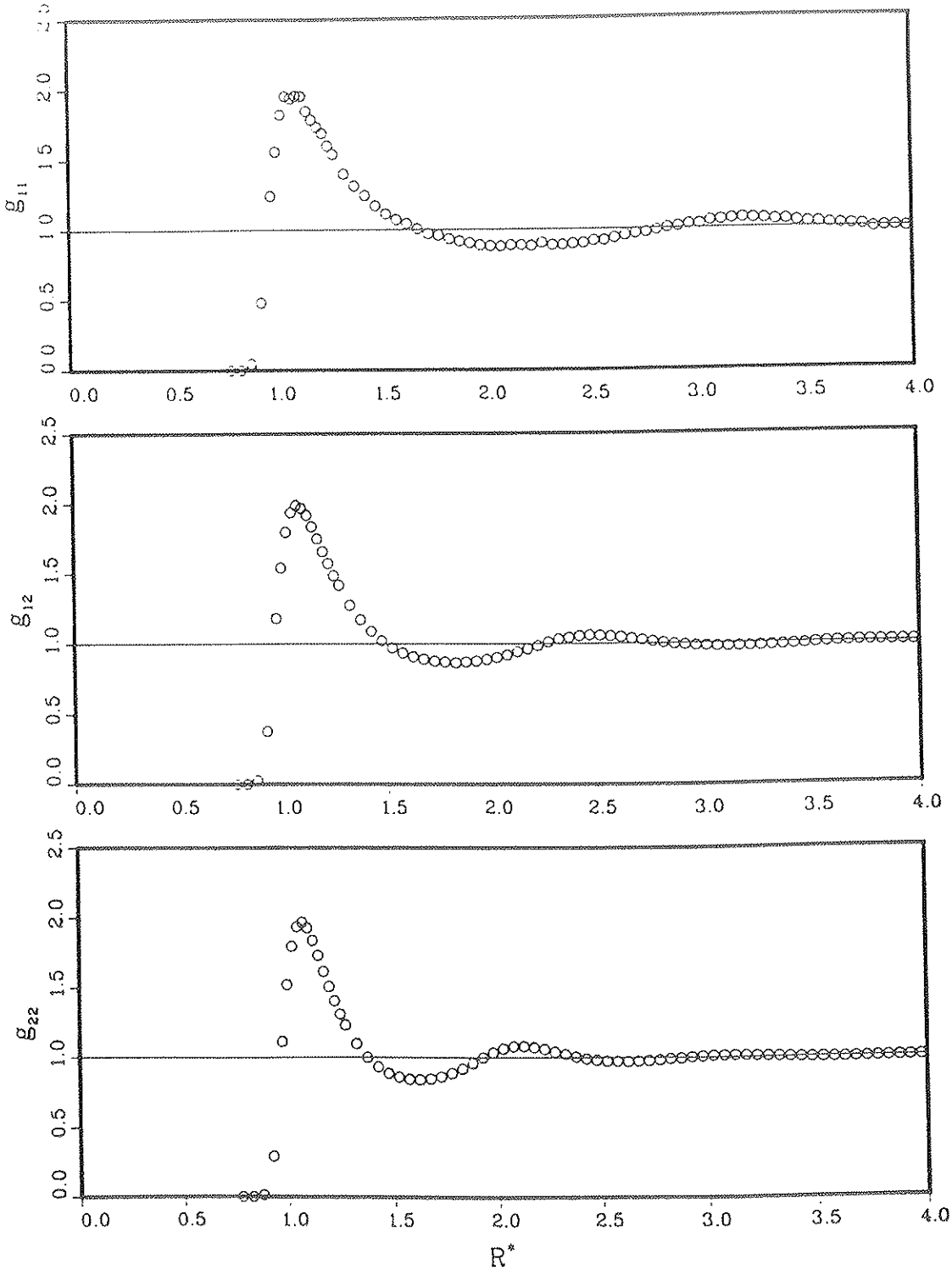


Radial Distribution Functions for $T^* = 3.00$
$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.0921$



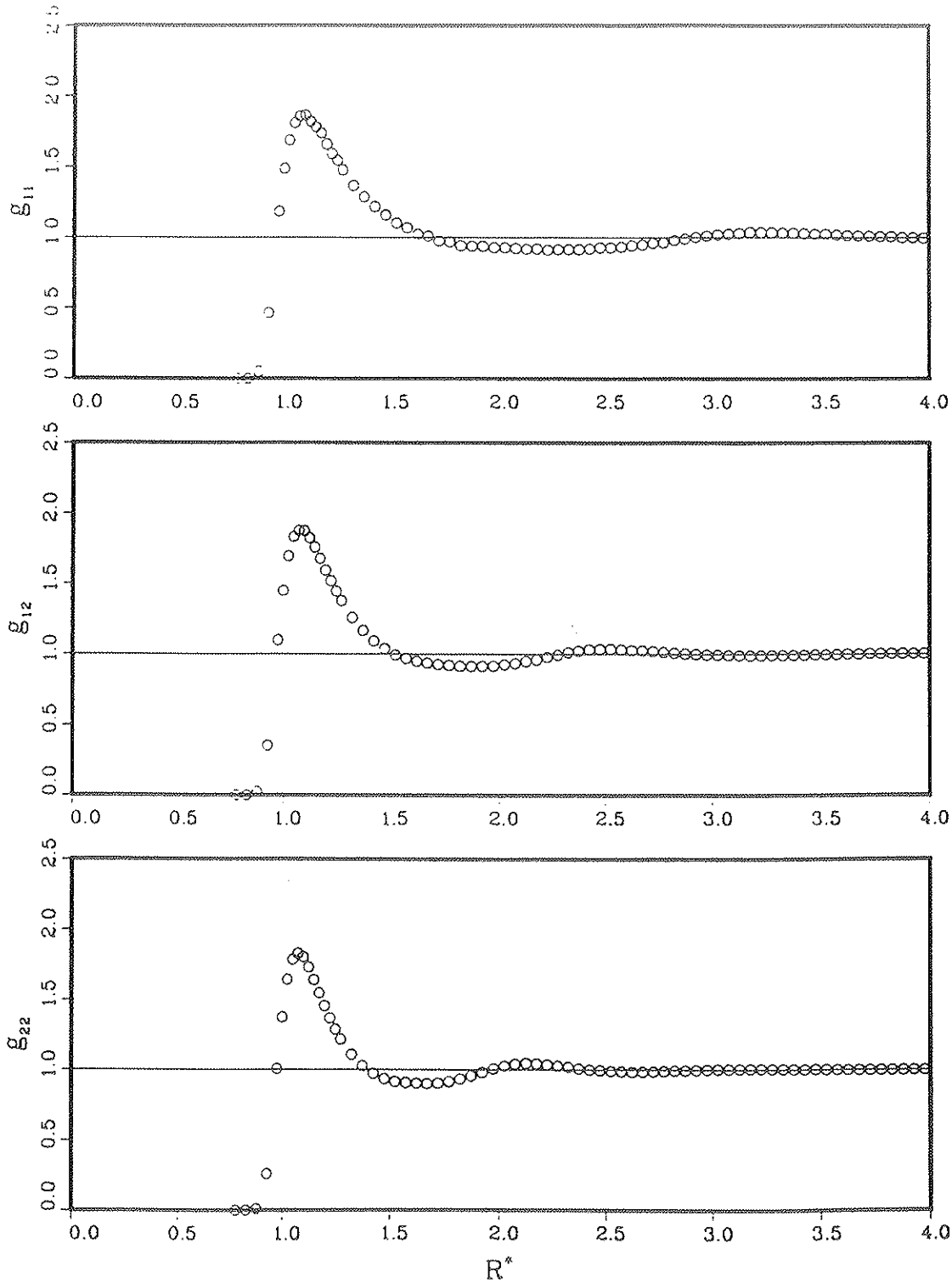
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1045$



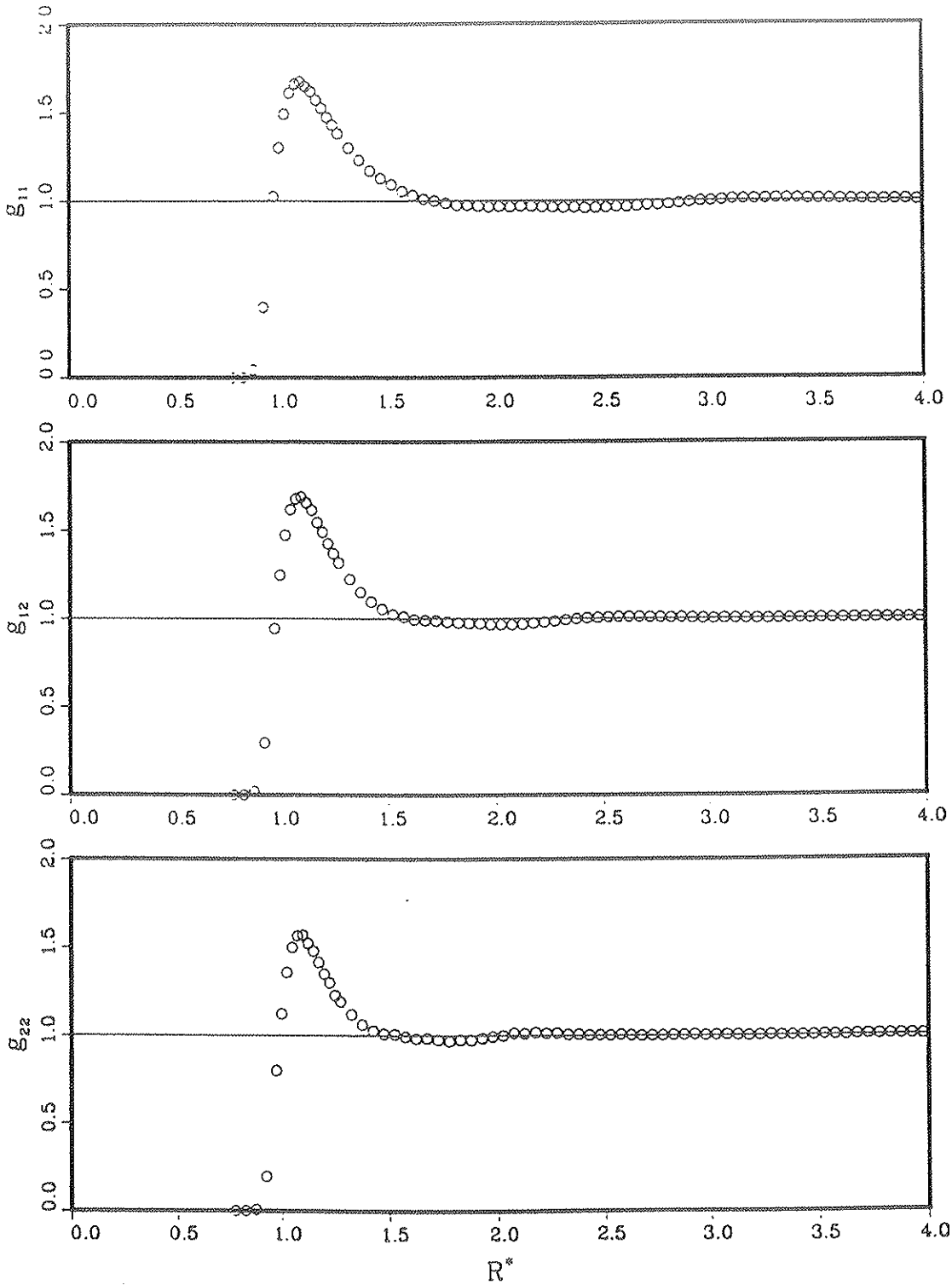
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1312$



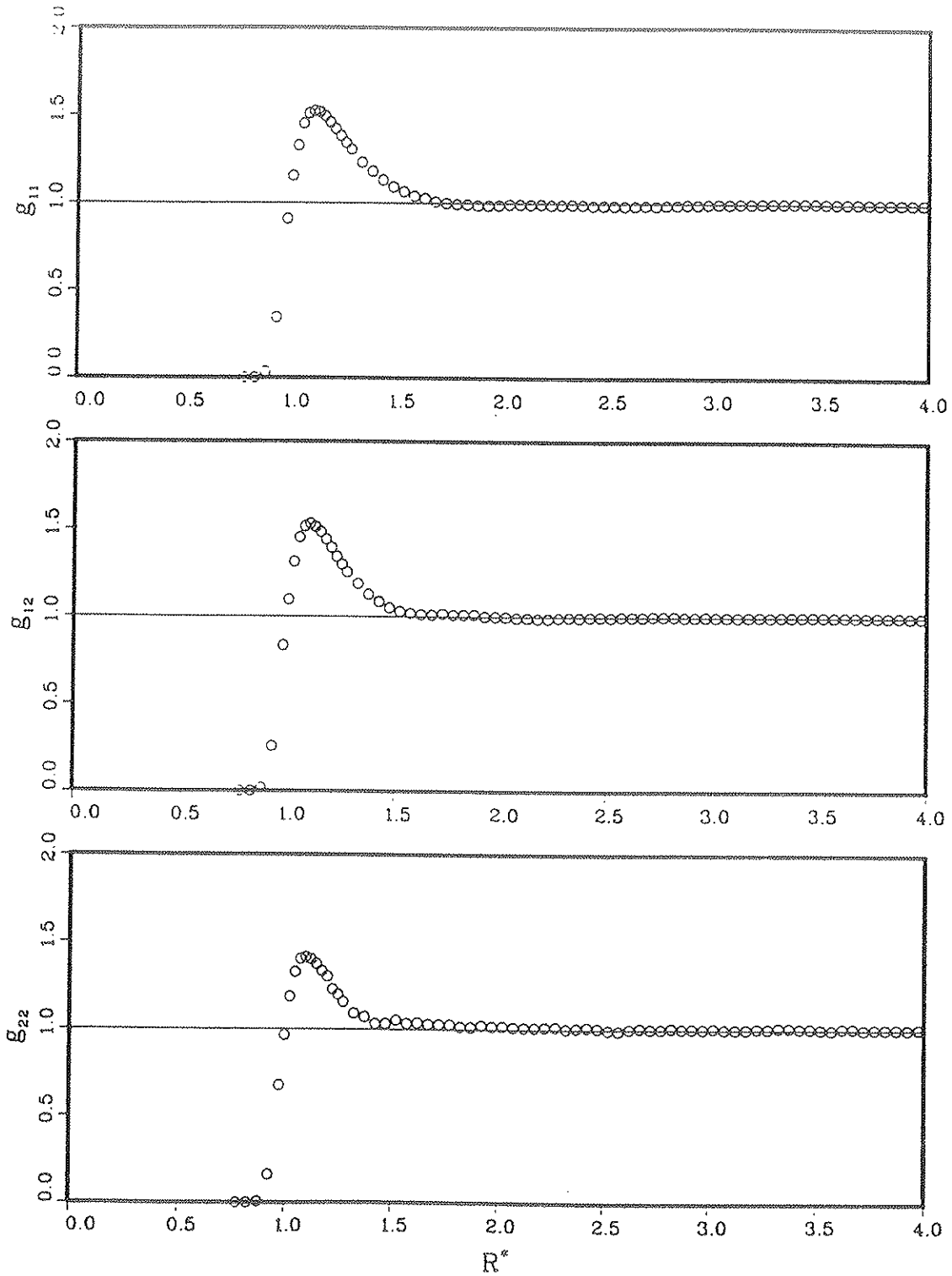
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1601$



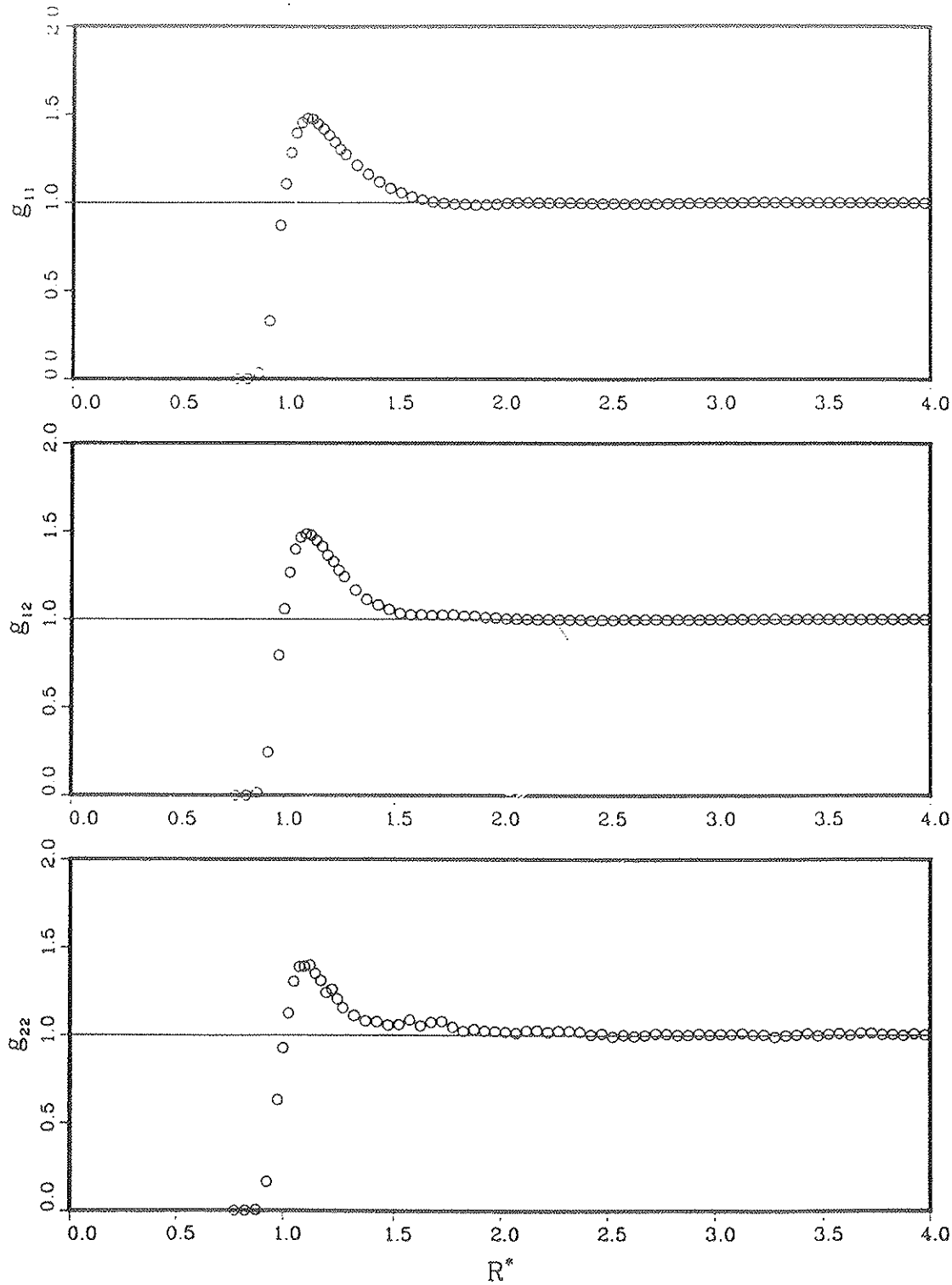
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1672$



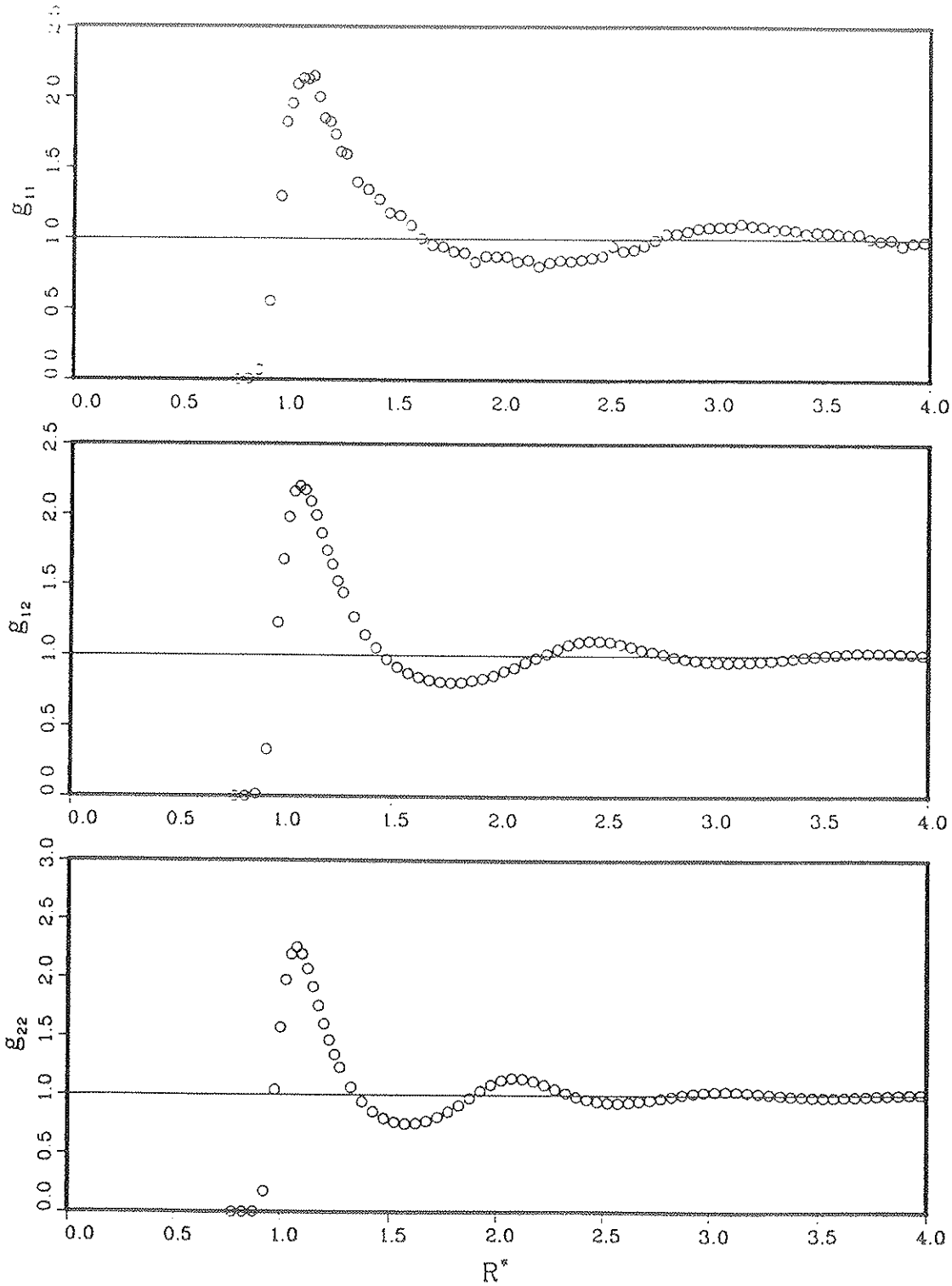
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 1.50$ $\rho^* = 0.1666$



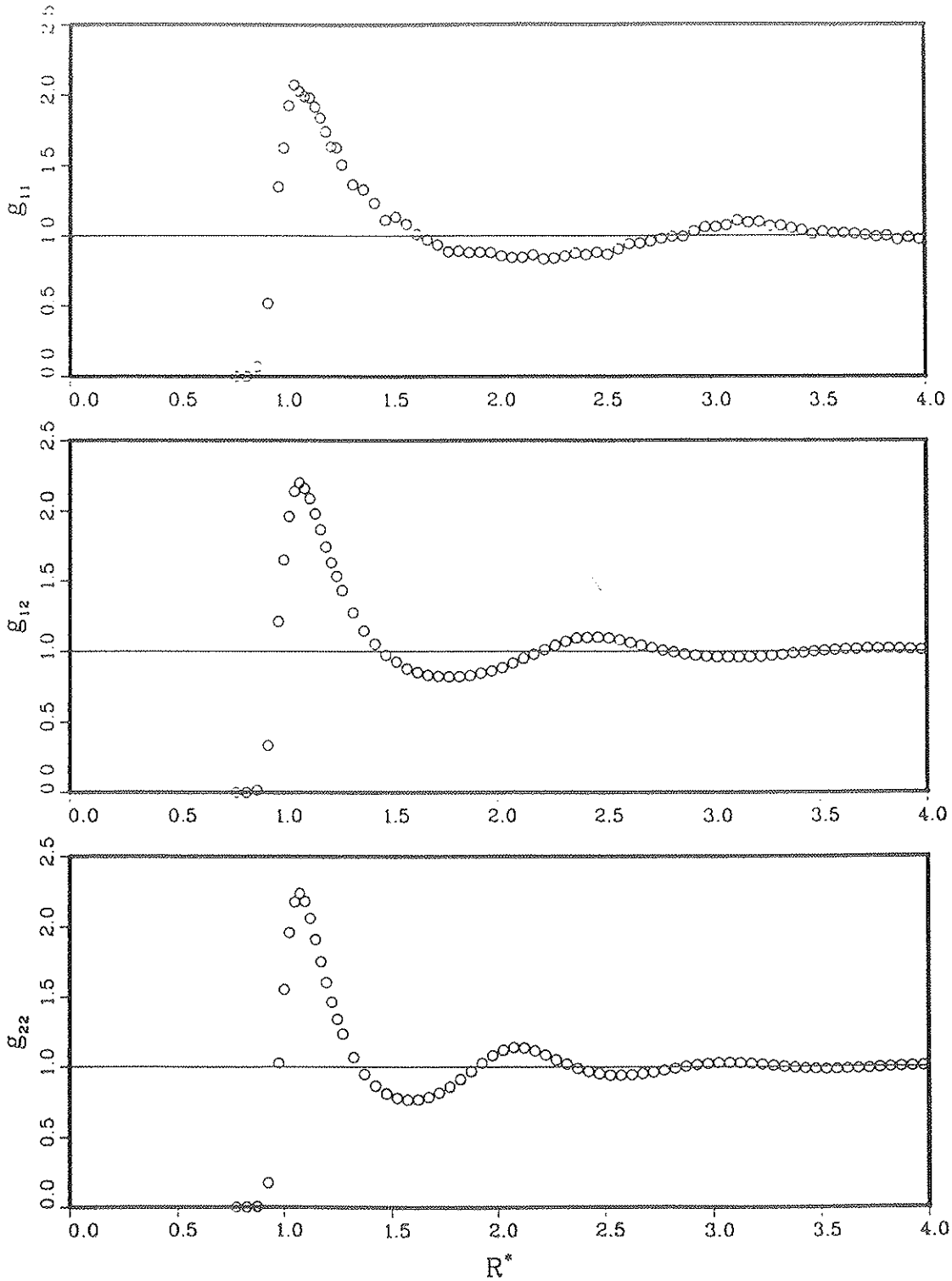
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.0955$



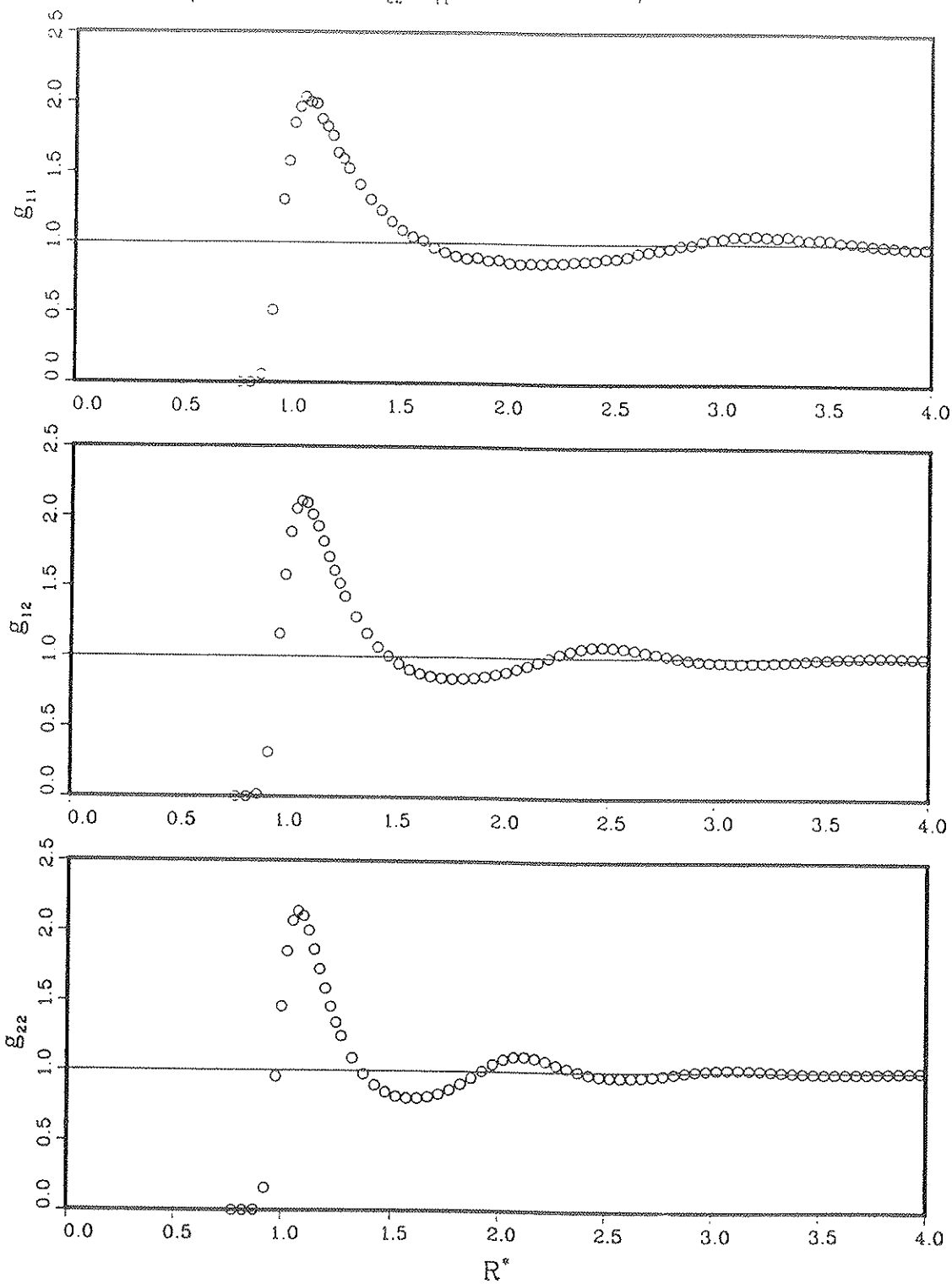
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.0991$



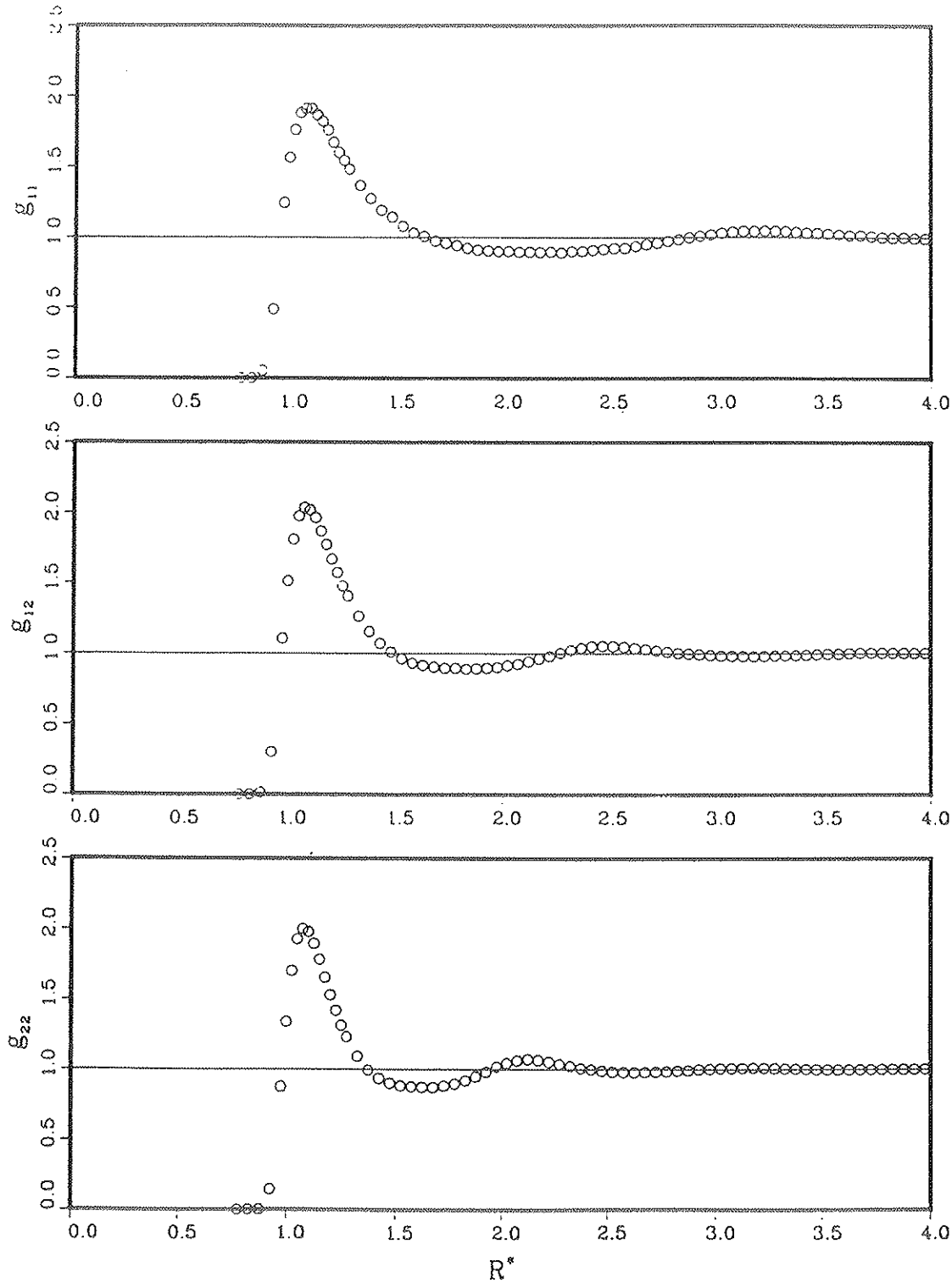
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.1100$



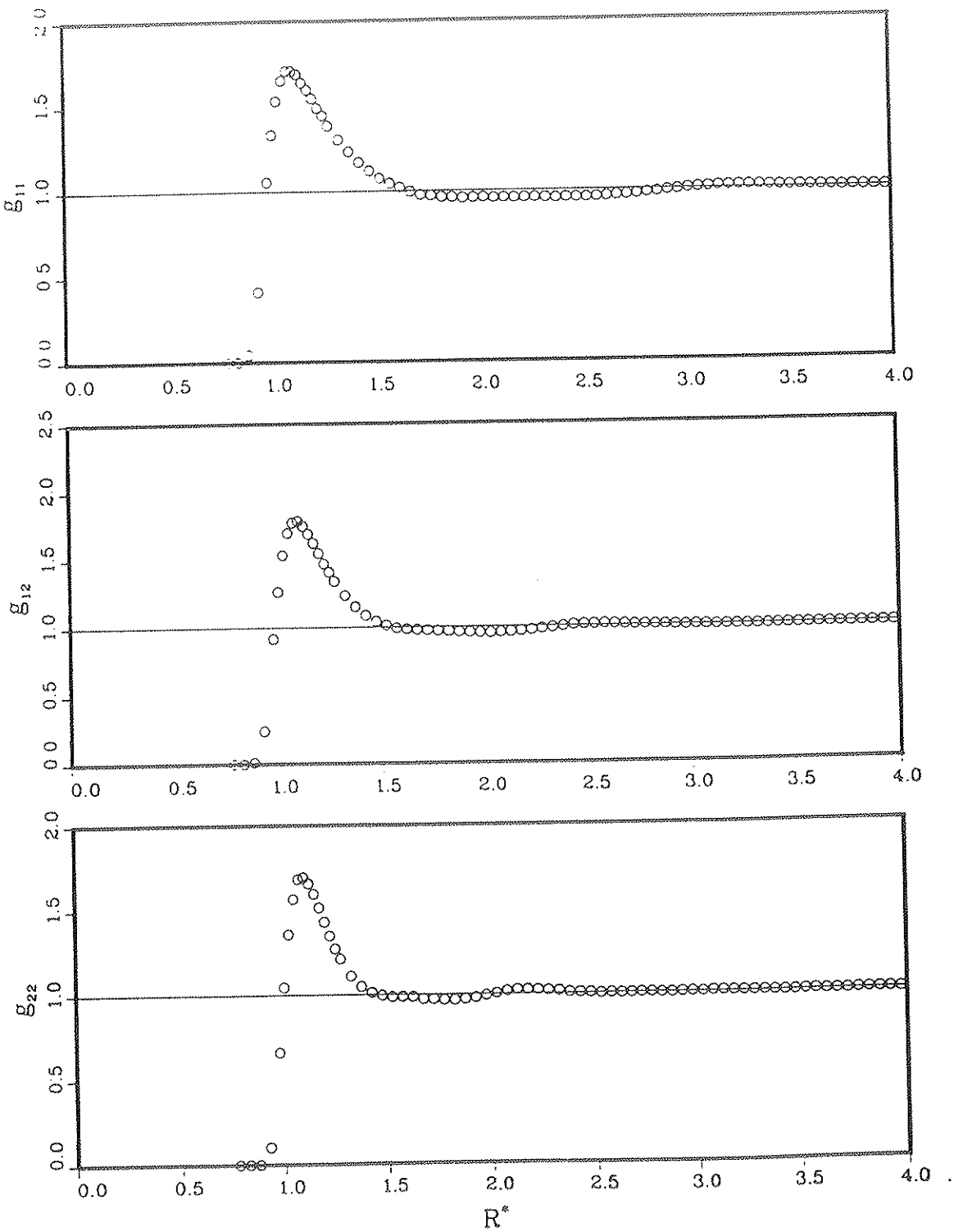
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.1434$

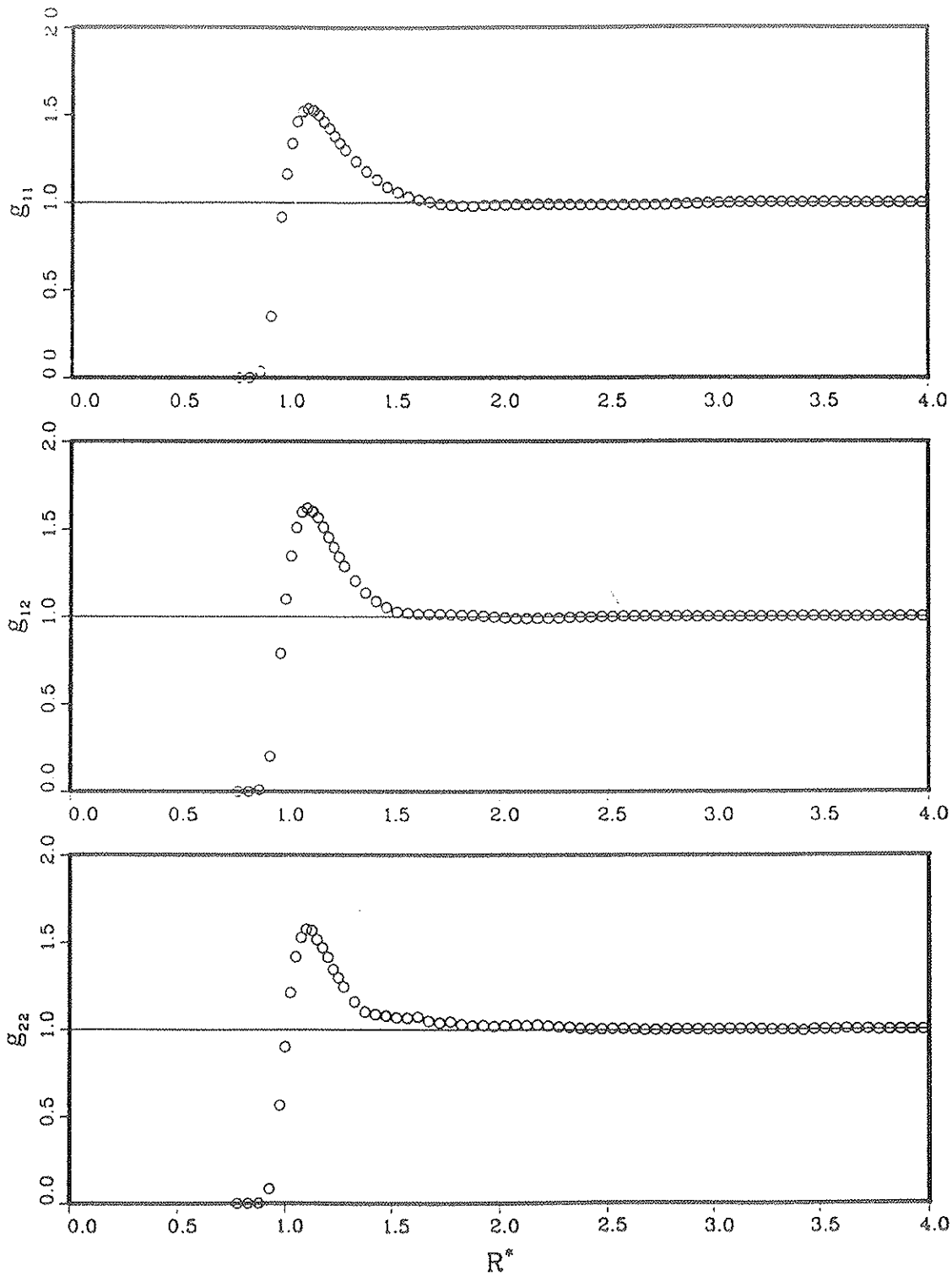


Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.1738$

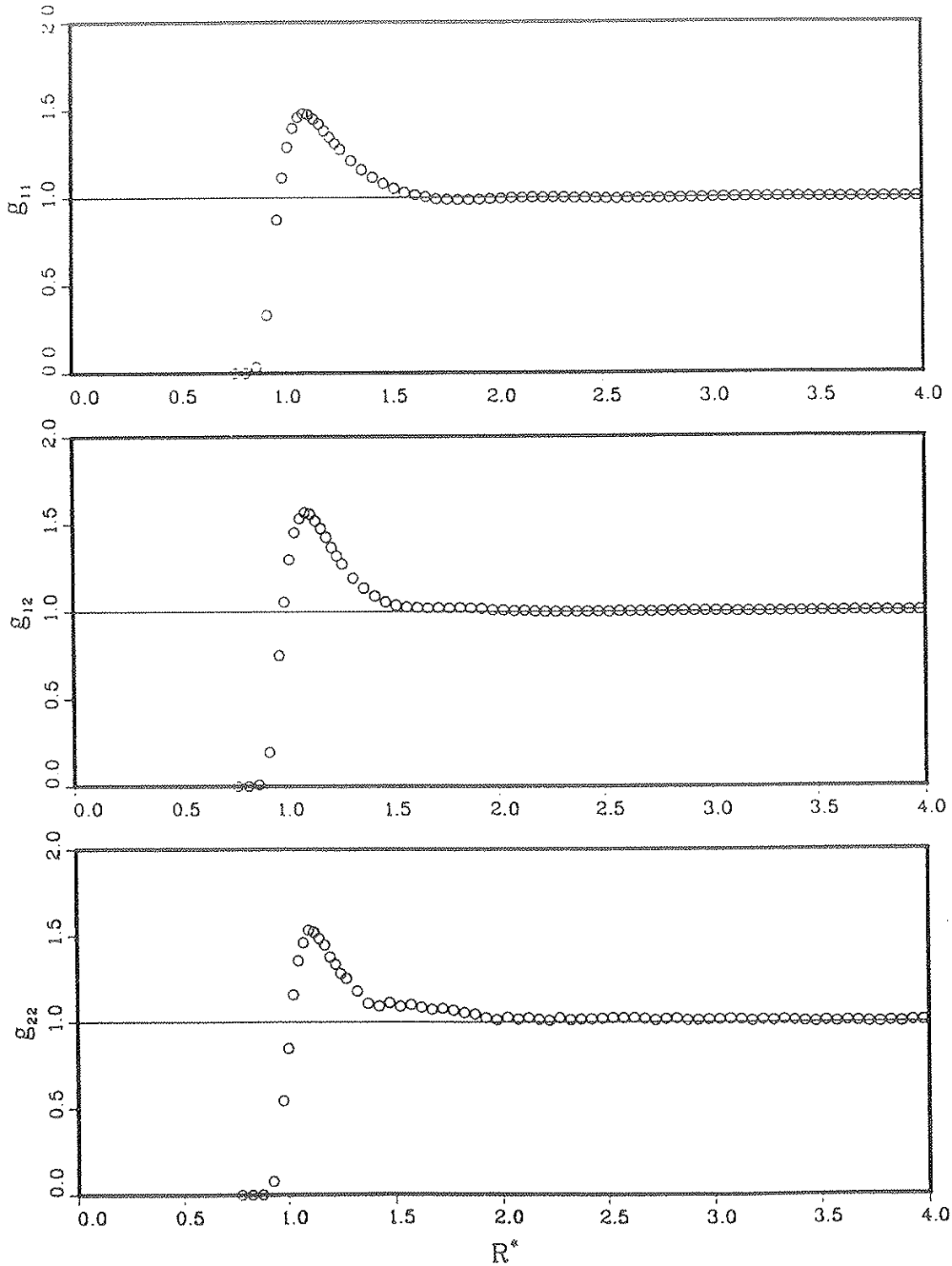


Radial Distribution Functions for $T^* = 3.00$
$x = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.1759$

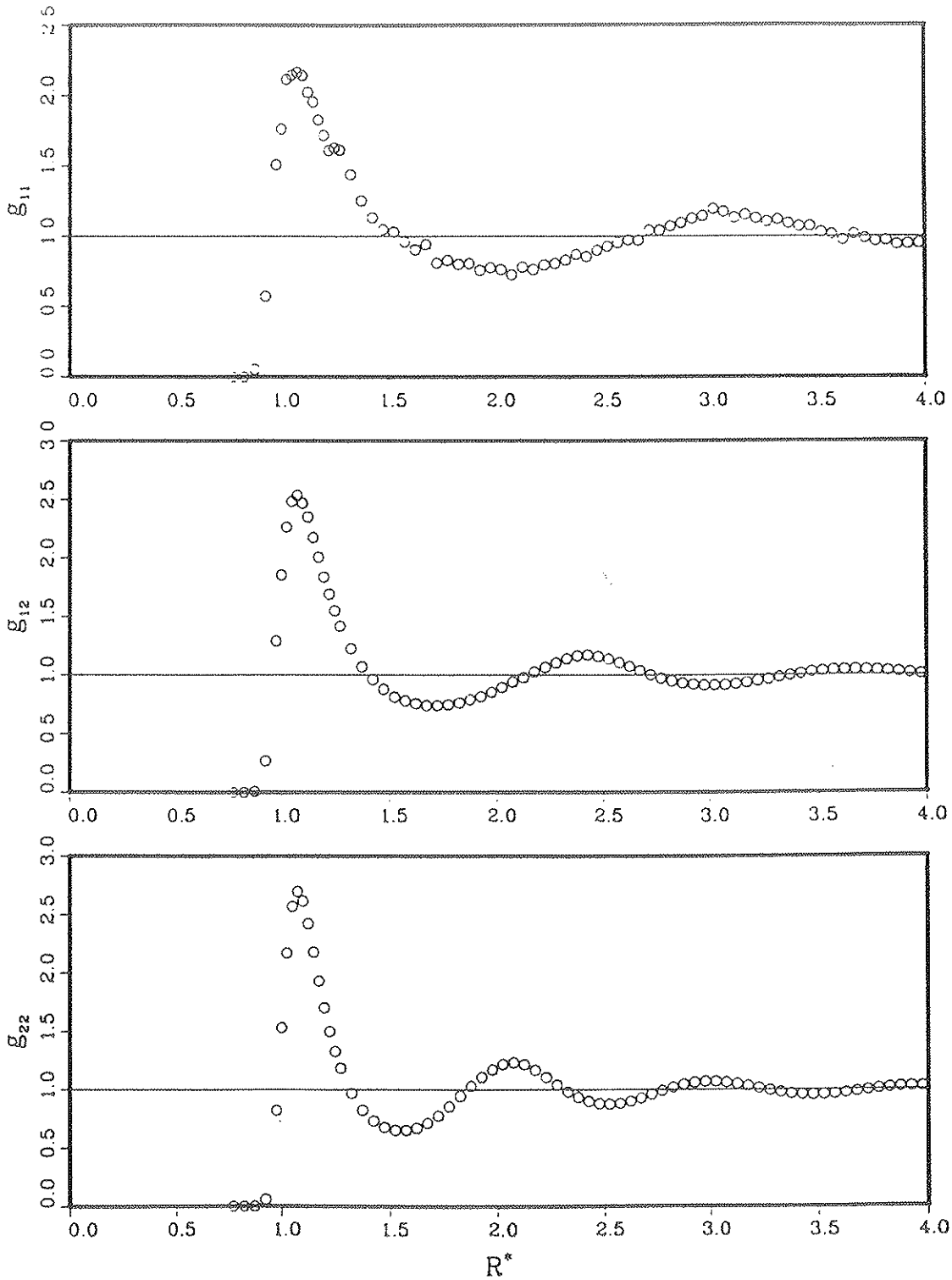


Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 2.00$ $\rho^* = 0.1705$

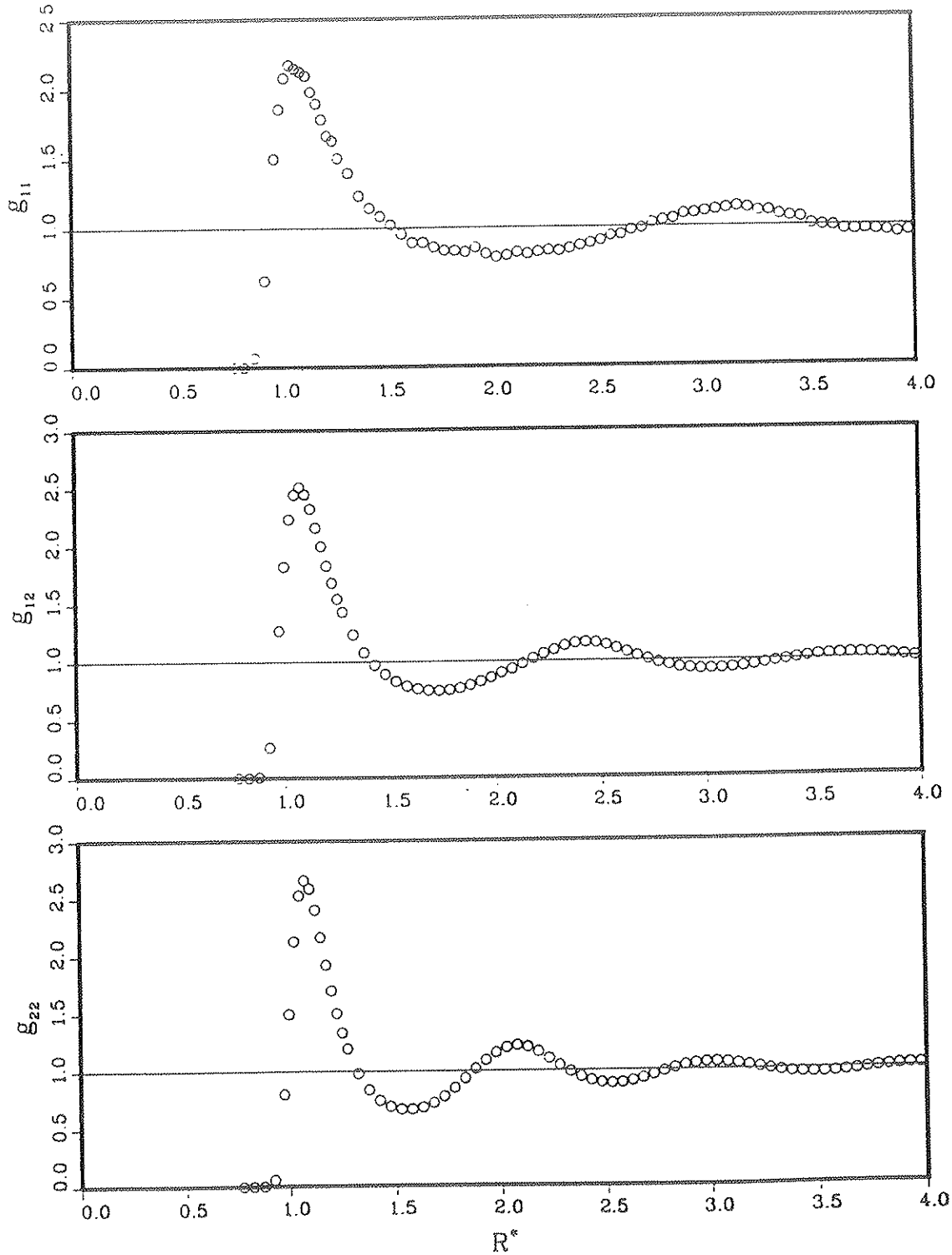


Radial Distribution Functions for $T^* = 3.00$
$x_1 = 0.05$ $\varepsilon_{22}/\varepsilon_{11} = 3.00$ $\rho^* = 0.1071$



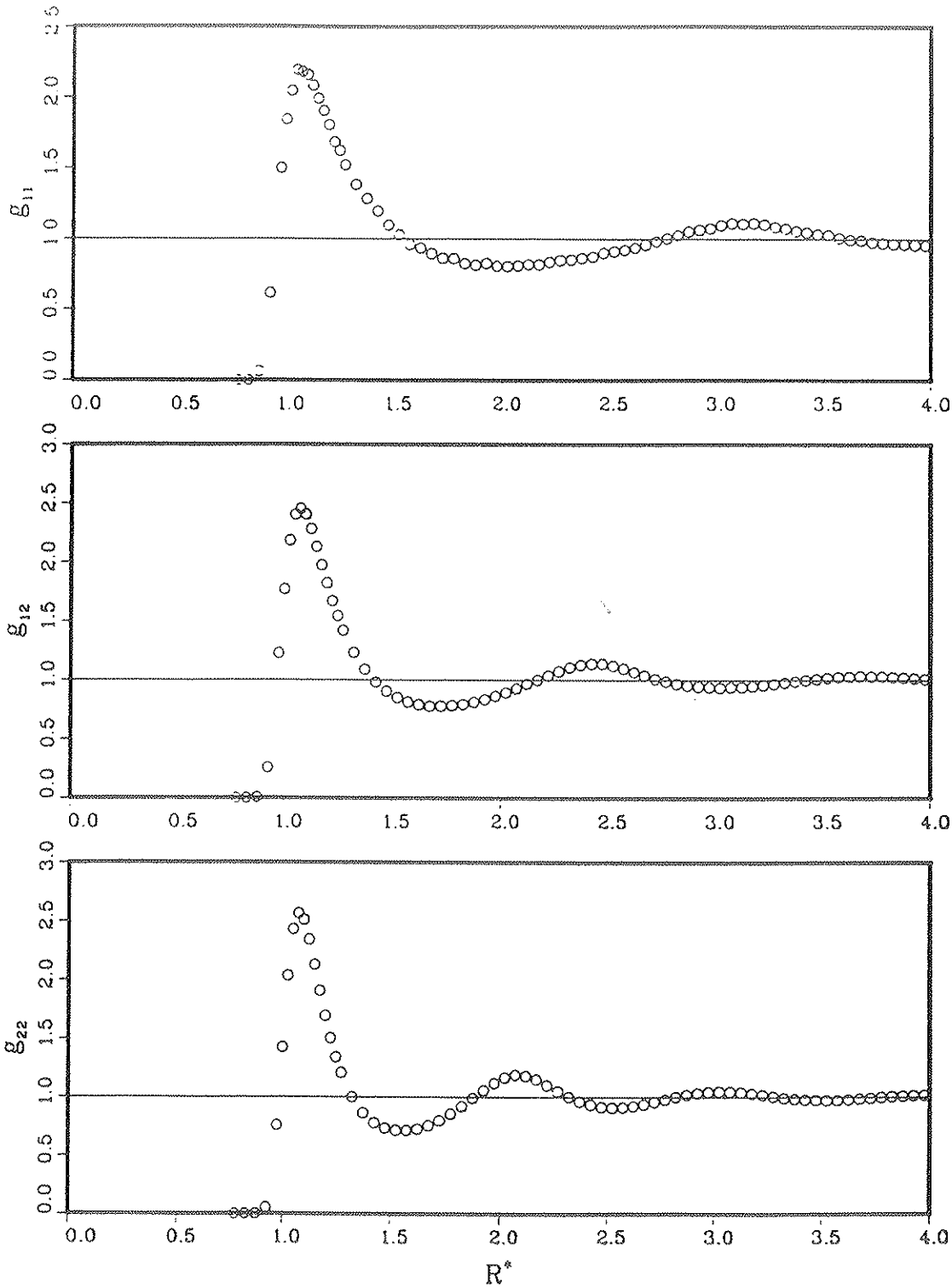
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.10$ $\varepsilon_{22}/\varepsilon_{11} = 3.00$ $\rho^* = 0.1109$

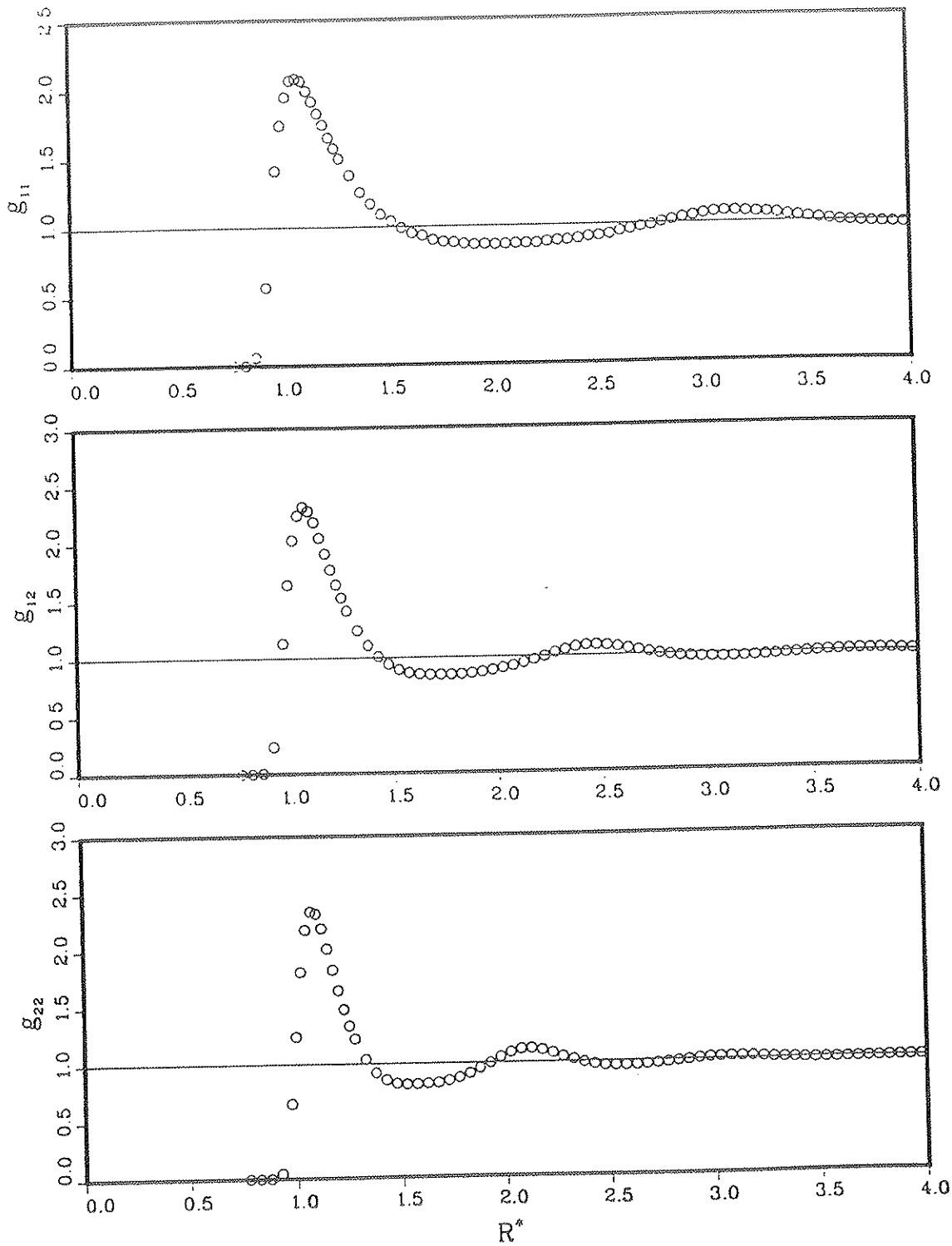


Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.25$ $\varepsilon_{22}/\varepsilon_{11} = 3.00$ $\rho^* = 0.1264$

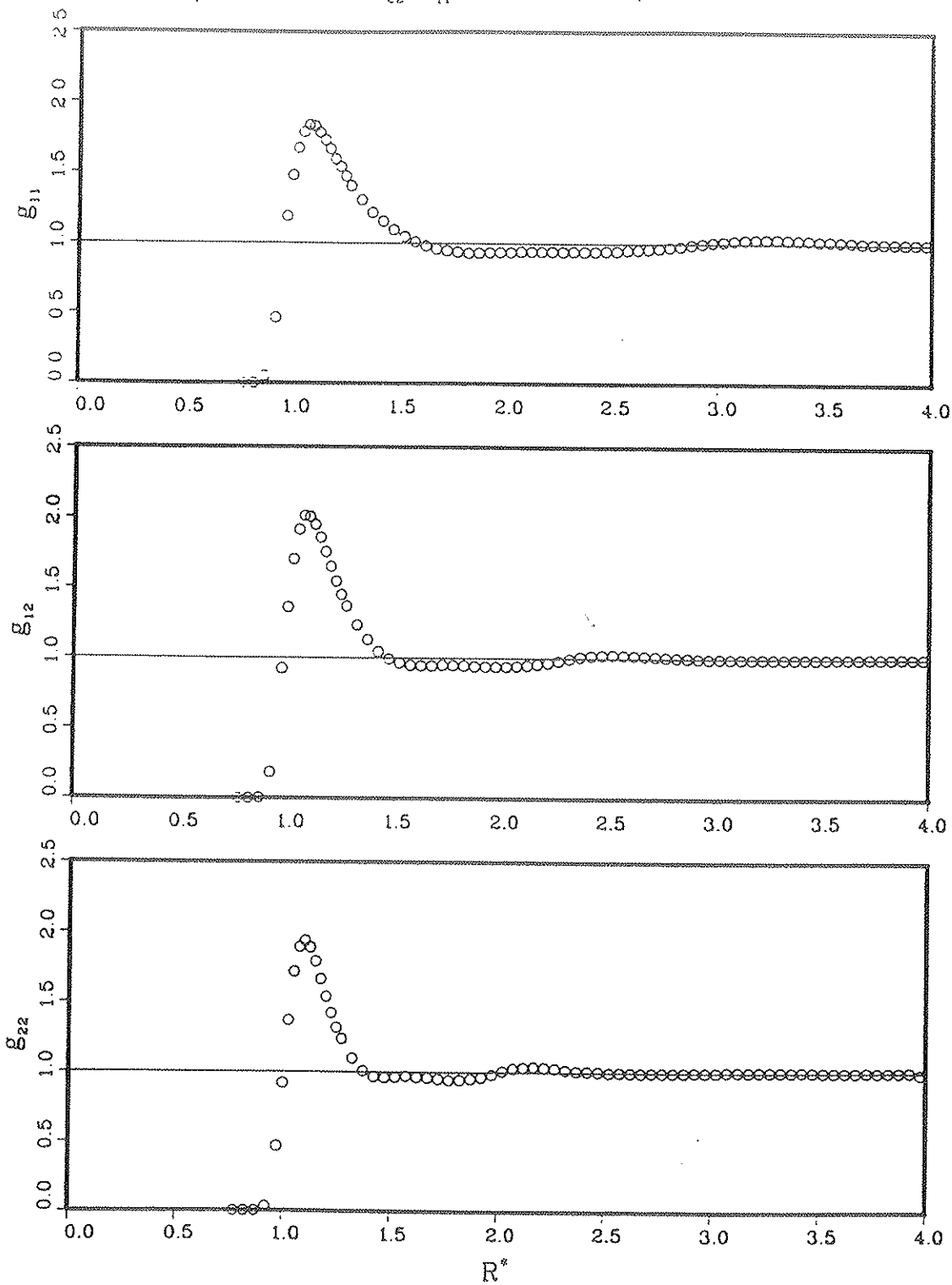


Radial Distribution Functions for $T^* = 3.00$
$x_1 = 0.50$ $\varepsilon_{22}/\varepsilon_{11} = 3.00$ $\rho^* = 0.1636$



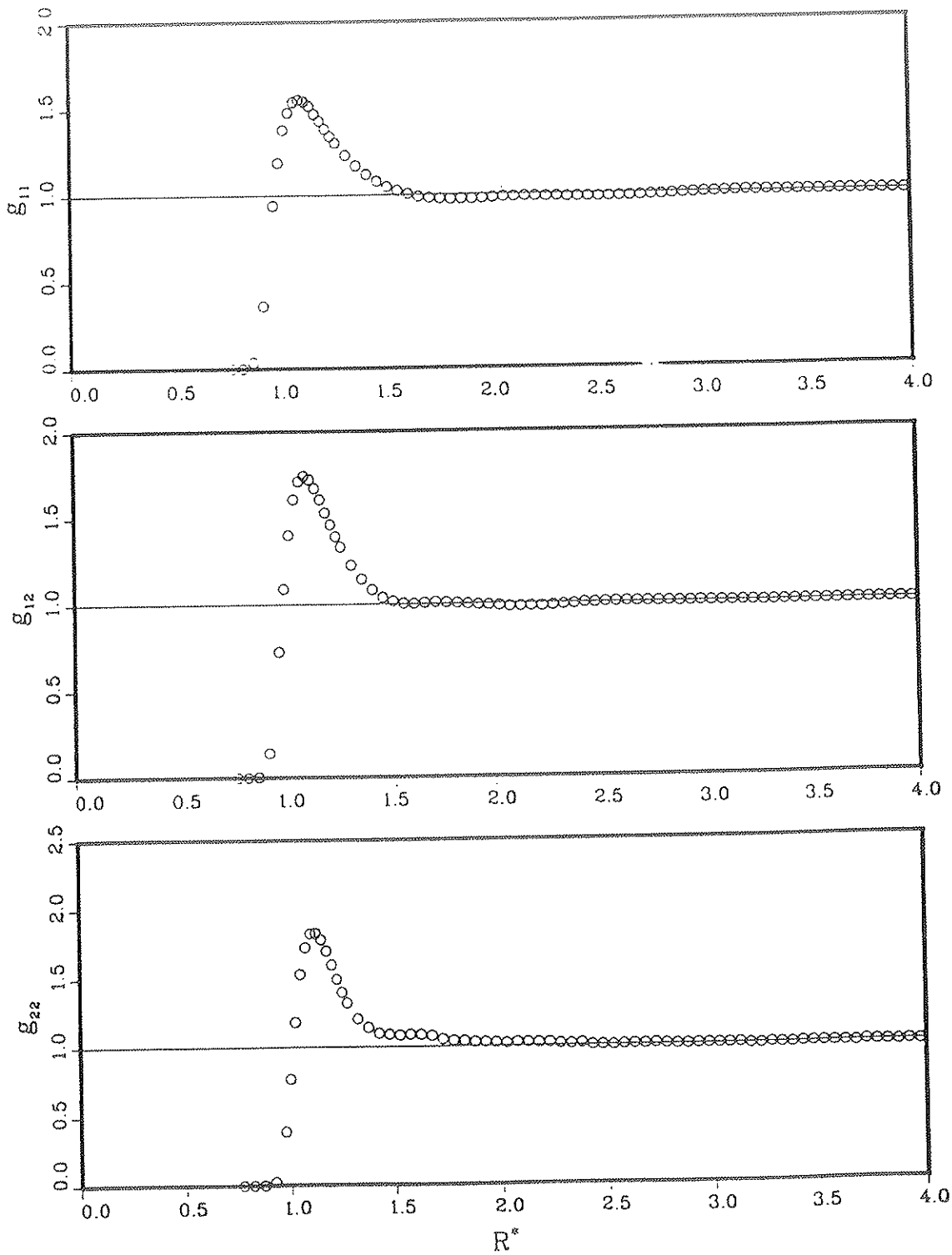
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.75$ $\varepsilon_{22}/\varepsilon_{11} = 3.00$ $\rho^* = 0.2130$



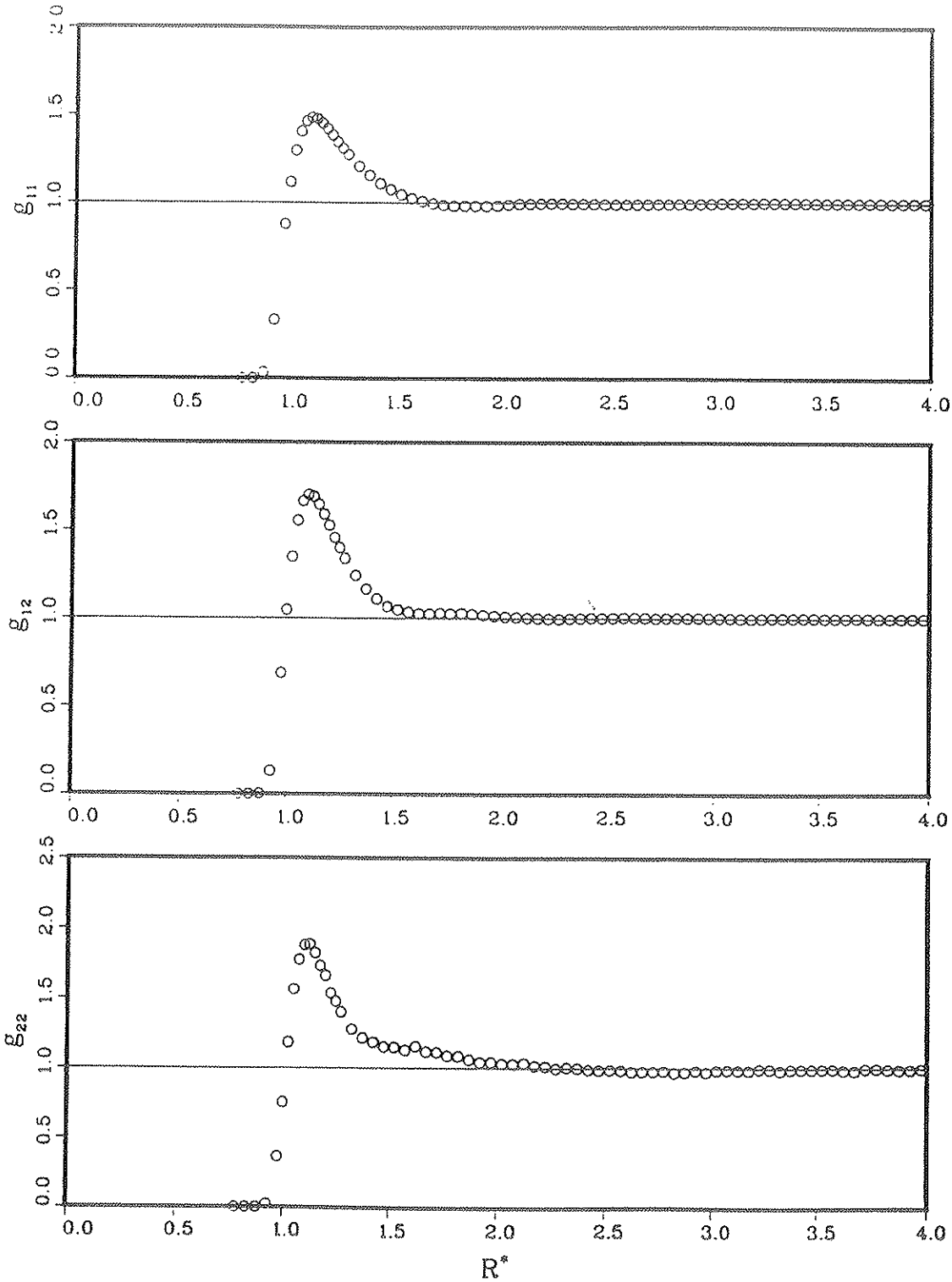
Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.90$ $\varepsilon_{22}/\varepsilon_{11} = 3.00$ $\rho^* = 0.1952$



Radial Distribution Functions for $T^* = 3.00$

$x_1 = 0.95$ $\varepsilon_{22}/\varepsilon_{11} = 3.00$ $\rho^* = 0.1783$



Appendix C
Tabular Data for Direct Correlation Functions

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.115 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.2486	-7.0924	-25.9420	1.275	1.2871	0.5365	0.5443
0.050	-8.1976	-7.0288	-25.6902	1.300	1.1791	0.4733	0.5201
0.075	-8.1040	-7.0280	-25.2919	1.325	1.0294	0.4368	0.5008
0.100	-8.0027	-7.0425	-24.7730	1.350	1.1725	0.3686	0.4780
0.125	-7.8662	-7.0687	-24.1632	1.375	0.8881	0.3373	0.4604
0.150	-7.7217	-7.1011	-23.4864	1.400	0.6835	0.3191	0.4368
0.175	-7.5527	-7.1378	-22.7628	1.425	0.6804	0.2863	0.4129
0.200	-7.3795	-7.1750	-22.0120	1.450	0.5877	0.2612	0.3945
0.225	-7.1906	-7.2093	-21.2442	1.475	0.5025	0.2444	0.3725
0.250	-7.0014	-7.2372	-20.4675	1.500	0.4745	0.2205	0.3514
0.275	-6.8026	-7.2490	-19.6858	1.525	0.5579	0.1904	0.3312
0.300	-6.6065	-7.2441	-18.9050	1.550	0.2799	0.1743	0.3094
0.325	-6.4047	-7.2166	-18.1282	1.575	0.3322	0.1659	0.2886
0.350	-6.2076	-7.1665	-17.3564	1.600	0.2437	0.1524	0.2735
0.375	-6.0073	-7.0846	-16.5898	1.625	0.1619	0.1429	0.2546
0.400	-5.8129	-6.9797	-15.8330	1.650	0.1733	0.1206	0.2441
0.425	-5.6167	-6.8496	-15.0852	1.675	0.1981	0.1077	0.2331
0.450	-5.4273	-6.6999	-14.3474	1.700	0.2113	0.0954	0.2217
0.475	-5.2369	-6.5273	-13.6208	1.725	0.1767	0.0878	0.2148
0.500	-5.0536	-6.3411	-12.9070	1.750	0.1517	0.0822	0.2067
0.525	-4.8700	-6.1419	-12.2062	1.775	0.1693	0.0780	0.2023
0.550	-4.6937	-5.9333	-11.5204	1.800	0.0932	0.0631	0.1962
0.575	-4.5174	-5.7150	-10.8488	1.825	0.0980	0.0625	0.1918
0.600	-4.3486	-5.4920	-10.1940	1.850	0.2039	0.0633	0.1827
0.625	-4.1800	-5.2655	-9.5571	1.875	0.1775	0.0566	0.1694
0.650	-4.0187	-5.0366	-8.9378	1.900	0.2184	0.0542	0.1579
0.675	-3.8580	-4.8061	-8.3365	1.925	0.1128	0.0515	0.1469
0.700	-3.7045	-4.5762	-7.7553	1.950	0.1461	0.0558	0.1375
0.725	-3.5516	-4.3480	-7.1938	1.975	0.1233	0.0527	0.1232
0.750	-3.4060	-4.1216	-6.6526	2.000	0.1032	0.0386	0.1114
0.775	-3.2611	-3.8984	-6.1315	2.025	0.1330	0.0527	0.1036
0.800	-3.1235	-3.6790	-5.6320	2.050	0.0815	0.0403	0.0935
0.825	-2.9868	-3.4647	-5.1540	2.075	-0.0919	0.0504	0.0846
0.850	-2.8573	-3.2548	-4.6966	2.100	0.1274	0.0461	0.0792
0.875	-2.7289	-3.0467	-4.2394	2.125	-0.0289	0.0451	0.0717
0.900	-2.5854	-2.8291	-3.6940	2.150	0.0724	0.0439	0.0649
0.925	-2.3615	-2.4679	-2.9422	2.175	-0.0203	0.0417	0.0615
0.950	-2.0161	-1.9643	-2.0013	2.200	0.0376	0.0286	0.0544
0.975	-1.2418	-1.2109	-1.0472	2.225	-0.0448	0.0271	0.0517
1.000	0.3945	-0.4133	-0.2570	2.250	-0.0332	0.0317	0.0475
1.025	1.1444	0.1966	0.2657	2.275	0.0234	0.0201	0.0424
1.050	2.3128	0.6645	0.5647	2.300	-0.0401	0.0236	0.0392
1.075	2.8794	0.8785	0.7146	2.325	-0.0708	0.0210	0.0353
1.100	2.7086	0.9955	0.7548	2.350	-0.0238	0.0160	0.0317
1.125	2.9659	0.9924	0.7339	2.375	0.0179	0.0064	0.0266
1.150	2.3953	0.9359	0.7039	2.400	-0.0530	0.0060	0.0227
1.175	1.7690	0.8221	0.6631	2.425	0.0195	0.0094	0.0190
1.200	1.9397	0.7540	0.6295	2.450	0.0277	0.0131	0.0138
1.225	2.0620	0.6789	0.5991	2.475	-0.0002	0.0042	0.0097
1.250	1.4340	0.5934	0.5724	2.500	0.0149	0.0054	0.0078

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.121 x_1= 0.0995 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.5646	-7.1748	-26.9280	1.275	1.1256	0.6060	0.7867
0.050	-8.5133	-7.1603	-26.6622	1.300	1.0074	0.5438	0.7652
0.075	-8.4193	-7.1728	-26.2429	1.325	0.8978	0.5024	0.7411
0.100	-8.3058	-7.1947	-25.6980	1.350	0.7643	0.4664	0.7193
0.125	-8.1604	-7.2250	-25.0572	1.375	0.6358	0.4367	0.6937
0.150	-8.0000	-7.2607	-24.3484	1.400	0.5686	0.3999	0.6701
0.175	-7.8190	-7.3005	-23.5918	1.425	0.5197	0.3702	0.6451
0.200	-7.6296	-7.3406	-22.8060	1.450	0.4094	0.3438	0.6220
0.225	-7.4284	-7.3781	-22.0032	1.475	0.4009	0.3333	0.5967
0.250	-7.2241	-7.4091	-21.1895	1.500	0.4214	0.3069	0.5715
0.275	-7.0138	-7.4239	-20.3718	1.525	0.2875	0.2884	0.5438
0.300	-6.8041	-7.4214	-19.5550	1.550	0.3417	0.2758	0.5192
0.325	-6.5920	-7.3949	-18.7412	1.575	0.2834	0.2544	0.4923
0.350	-6.3827	-7.3446	-17.9325	1.600	0.1914	0.2339	0.4725
0.375	-6.1733	-7.2606	-17.1298	1.625	0.1429	0.2243	0.4490
0.400	-5.9679	-7.1522	-16.3360	1.650	0.2427	0.2122	0.4275
0.425	-5.7638	-7.0168	-15.5512	1.675	0.1911	0.1992	0.4107
0.450	-5.5644	-6.8605	-14.7765	1.700	0.1665	0.1861	0.3944
0.475	-5.3672	-6.6802	-14.0128	1.725	0.1466	0.1737	0.3800
0.500	-5.1749	-6.4855	-13.2630	1.750	0.1078	0.1634	0.3659
0.525	-4.9852	-6.2769	-12.5272	1.775	0.0683	0.1457	0.3515
0.550	-4.8005	-6.0585	-11.8054	1.800	0.0884	0.1430	0.3384
0.575	-4.6187	-5.8298	-11.0988	1.825	0.0351	0.1302	0.3238
0.600	-4.4420	-5.5963	-10.4110	1.850	0.1033	0.1309	0.3079
0.625	-4.2686	-5.3589	-9.7398	1.875	0.0897	0.1196	0.2894
0.650	-4.0995	-5.1192	-9.0877	1.900	0.0232	0.1226	0.2740
0.675	-3.9339	-4.8778	-8.4544	1.925	0.0177	0.1116	0.2527
0.700	-3.7733	-4.6371	-7.8421	1.950	0.0669	0.1081	0.2331
0.725	-3.6159	-4.3982	-7.2505	1.975	0.0503	0.1066	0.2178
0.750	-3.4636	-4.1612	-6.6802	2.000	0.0491	0.0966	0.2012
0.775	-3.3145	-3.9278	-6.1310	2.025	0.0187	0.0960	0.1824
0.800	-3.1706	-3.6984	-5.6048	2.050	0.0293	0.0950	0.1679
0.825	-3.0300	-3.4744	-5.1013	2.075	0.0372	0.0898	0.1519
0.850	-2.8947	-3.2553	-4.6195	2.100	0.0544	0.0876	0.1443
0.875	-2.7627	-3.0375	-4.1380	2.125	0.0164	0.0814	0.1311
0.900	-2.6260	-2.8099	-3.5712	2.150	0.0337	0.0802	0.1225
0.925	-2.4742	-2.4403	-2.7909	2.175	0.0588	0.0828	0.1122
0.950	-2.0012	-1.9280	-1.8214	2.200	0.0664	0.0802	0.1016
0.975	-1.2196	-1.1628	-0.8431	2.225	-0.0168	0.0683	0.0928
1.000	-0.2206	-0.3910	-0.0557	2.250	0.0422	0.0599	0.0826
1.025	0.9556	0.2480	0.4822	2.275	0.0770	0.0543	0.0750
1.050	2.1056	0.7391	0.7807	2.300	0.0301	0.0550	0.0676
1.075	2.6050	0.9510	0.9258	2.325	0.0136	0.0450	0.0605
1.100	2.8226	1.0517	0.9715	2.350	0.0664	0.0423	0.0538
1.125	2.8476	1.0388	0.9629	2.375	-0.0154	0.0381	0.0471
1.150	2.6593	0.9837	0.9372	2.400	0.0440	0.0326	0.0385
1.175	2.3452	0.9172	0.9069	2.425	0.0444	0.0305	0.0327
1.200	1.9594	0.8311	0.8676	2.450	0.0050	0.0256	0.0276
1.225	1.6401	0.7567	0.8345	2.475	0.0244	0.0233	0.0239
1.250	1.3568	0.6752	0.8056	2.500	0.0161	0.0243	0.0157

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.139 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.9462	-7.2522	-27.7580	1.275	1.1083	0.5931	0.8110
0.050	-8.8774	-7.1518	-27.4832	1.300	1.0119	0.5382	0.7891
0.075	-8.7585	-7.1425	-27.0438	1.325	0.8627	0.4895	0.7656
0.100	-8.6289	-7.1534	-26.4750	1.350	0.7066	0.4546	0.7421
0.125	-8.4574	-7.1785	-25.8072	1.375	0.6374	0.4145	0.7199
0.150	-8.2776	-7.2121	-25.0704	1.400	0.5842	0.3855	0.6979
0.175	-8.0708	-7.2528	-24.2858	1.425	0.4406	0.3659	0.6713
0.200	-7.8610	-7.2961	-23.4720	1.450	0.4155	0.3376	0.6509
0.225	-7.6366	-7.3391	-22.6412	1.475	0.3671	0.3141	0.6217
0.250	-7.4130	-7.3776	-21.7995	1.500	0.3156	0.2936	0.5930
0.275	-7.1829	-7.4020	-20.9548	1.525	0.3191	0.2712	0.5713
0.300	-6.9560	-7.4102	-20.1110	1.550	0.3162	0.2524	0.5460
0.325	-6.7274	-7.3944	-19.2702	1.575	0.2725	0.2397	0.5215
0.350	-6.5033	-7.3542	-18.4355	1.600	0.2647	0.2255	0.4986
0.375	-6.2804	-7.2792	-17.6068	1.625	0.2237	0.2127	0.4710
0.400	-6.0626	-7.1781	-16.7880	1.650	0.1642	0.1998	0.4495
0.425	-5.8475	-7.0478	-15.9792	1.675	0.1963	0.1881	0.4267
0.450	-5.6374	-6.8952	-15.1815	1.700	0.1854	0.1725	0.4089
0.475	-5.4311	-6.7168	-14.3948	1.725	0.1457	0.1657	0.3955
0.500	-5.2296	-6.5228	-13.6220	1.750	0.1498	0.1545	0.3783
0.525	-5.0324	-6.3135	-12.8642	1.775	0.1115	0.1420	0.3638
0.550	-4.8398	-6.0934	-12.1214	1.800	0.1509	0.1358	0.3443
0.575	-4.6517	-5.8622	-11.3938	1.825	0.1660	0.1261	0.3312
0.600	-4.4681	-5.6255	-10.6850	1.850	0.1512	0.1204	0.3112
0.625	-4.2893	-5.3843	-9.9933	1.875	0.1267	0.1191	0.2924
0.650	-4.1144	-5.1404	-9.3210	1.900	0.1288	0.1119	0.2740
0.675	-3.9445	-4.8945	-8.6676	1.925	0.1130	0.1049	0.2564
0.700	-3.7787	-4.6491	-8.0355	1.950	0.0915	0.1042	0.2339
0.725	-3.6180	-4.4054	-7.4246	1.975	0.1190	0.0980	0.2196
0.750	-3.4612	-4.1638	-6.8353	2.000	0.1084	0.0977	0.2041
0.775	-3.3096	-3.9258	-6.2678	2.025	0.0964	0.0895	0.1852
0.800	-3.1619	-3.6920	-5.7237	2.050	0.0878	0.0853	0.1728
0.825	-3.0193	-3.4639	-5.2031	2.075	0.0680	0.0788	0.1555
0.850	-2.8808	-3.2409	-4.7049	2.100	0.0592	0.0777	0.1451
0.875	-2.7474	-3.0205	-4.2091	2.125	0.0491	0.0679	0.1325
0.900	-2.6120	-2.7927	-3.6329	2.150	0.0389	0.0635	0.1177
0.925	-2.4369	-2.4299	-2.8514	2.175	0.0580	0.0634	0.1064
0.950	-2.0362	-1.9338	-1.8874	2.200	0.0744	0.0596	0.0969
0.975	-1.2603	-1.1926	-0.9108	2.225	0.0640	0.0516	0.0923
1.000	-0.2598	-0.4286	-0.1226	2.250	0.0643	0.0424	0.0797
1.025	0.9055	0.1923	0.4205	2.275	0.0448	0.0420	0.0721
1.050	1.7495	0.6705	0.7377	2.300	0.0419	0.0376	0.0631
1.075	2.2873	0.8846	0.8955	2.325	0.0357	0.0301	0.0569
1.100	2.3952	1.0043	0.9440	2.350	0.0372	0.0299	0.0494
1.125	2.5324	1.0066	0.9608	2.375	0.0320	0.0272	0.0426
1.150	2.2829	0.9527	0.9424	2.400	0.0553	0.0229	0.0398
1.175	2.1669	0.8851	0.9265	2.425	0.0371	0.0234	0.0325
1.200	1.7854	0.7993	0.8852	2.450	0.0508	0.0210	0.0290
1.225	1.5460	0.7239	0.8551	2.475	0.0300	0.0180	0.0222
1.250	1.3869	0.6519	0.8319	2.500	0.0300	0.0121	0.0194

DIRECT CORRELATION FUNCTIONS FOR $T^* = 1.0$

$\sigma_{22}/\sigma_{11} = 2.00$ $\rho^* = 0.190$ $x_1 = 0.5000$ $\epsilon_{22}/\epsilon_{11} = 0.50$

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-10.0780	-7.1785	-30.6041	1.275	1.0544	0.6433	0.9644
0.050	-9.9918	-7.1542	-30.2702	1.300	0.8942	0.5957	0.9407
0.075	-9.8465	-7.1684	-29.7438	1.325	0.7875	0.5486	0.9092
0.100	-9.6650	-7.1955	-29.0690	1.350	0.6712	0.4989	0.8697
0.125	-9.4443	-7.2340	-28.2842	1.375	0.5924	0.4688	0.8392
0.150	-9.2030	-7.2811	-27.4255	1.400	0.5353	0.4302	0.7977
0.175	-8.9399	-7.3375	-26.5167	1.425	0.4667	0.4008	0.7698
0.200	-8.6694	-7.3988	-25.5800	1.450	0.4026	0.3810	0.7295
0.225	-8.3892	-7.4631	-24.6273	1.475	0.3692	0.3573	0.7013
0.250	-8.1100	-7.5259	-23.6676	1.500	0.3421	0.3305	0.6638
0.275	-7.8281	-7.5774	-22.7057	1.525	0.2875	0.3171	0.6328
0.300	-7.5512	-7.6132	-21.7480	1.550	0.2815	0.2958	0.6045
0.325	-7.2757	-7.6229	-20.7973	1.575	0.2448	0.2717	0.5731
0.350	-7.0070	-7.6046	-19.8545	1.600	0.2332	0.2544	0.5403
0.375	-6.7418	-7.5455	-18.9217	1.625	0.1979	0.2344	0.5129
0.400	-6.4839	-7.4547	-18.0010	1.650	0.1953	0.2195	0.4911
0.425	-6.2307	-7.3271	-17.0943	1.675	0.1883	0.2110	0.4597
0.450	-5.9844	-7.1720	-16.2015	1.700	0.1714	0.2022	0.4431
0.475	-5.7434	-6.9860	-15.3237	1.725	0.1591	0.1897	0.4144
0.500	-5.5091	-6.7804	-14.4640	1.750	0.1396	0.1809	0.3955
0.525	-5.2804	-6.5552	-13.6222	1.775	0.1406	0.1698	0.3694
0.550	-5.0582	-6.3170	-12.7985	1.800	0.1281	0.1548	0.3505
0.575	-4.8417	-6.0655	-11.9938	1.825	0.1190	0.1508	0.3348
0.600	-4.6316	-5.8070	-11.2100	1.850	0.1096	0.1477	0.3065
0.625	-4.4273	-5.5426	-10.4472	1.875	0.1052	0.1403	0.2862
0.650	-4.2285	-5.2748	-9.7059	1.900	0.1012	0.1348	0.2678
0.675	-4.0351	-5.0046	-8.9867	1.925	0.0942	0.1244	0.2497
0.700	-3.8481	-4.7348	-8.2914	1.950	0.0943	0.1177	0.2269
0.725	-3.6658	-4.4668	-7.6201	1.975	0.0929	0.1123	0.2076
0.750	-3.4903	-4.2014	-6.9733	2.000	0.0719	0.1094	0.2001
0.775	-3.3191	-3.9402	-6.3509	2.025	0.0793	0.1011	0.1798
0.800	-3.1549	-3.6840	-5.7553	2.050	0.0664	0.0933	0.1658
0.825	-2.9950	-3.4345	-5.1866	2.075	0.0607	0.0896	0.1486
0.850	-2.8423	-3.1912	-4.6439	2.100	0.0687	0.0826	0.1349
0.875	-2.6939	-2.9521	-4.1055	2.125	0.0544	0.0762	0.1282
0.900	-2.5498	-2.7067	-3.4852	2.150	0.0559	0.0748	0.1118
0.925	-2.3547	-2.3324	-2.6630	2.175	0.0572	0.0727	0.0961
0.950	-1.9927	-1.8333	-1.6642	2.200	0.0498	0.0698	0.0852
0.975	-1.2204	-1.1023	-0.6813	2.225	0.0540	0.0608	0.0791
1.000	-0.2522	-0.3453	0.1166	2.250	0.0576	0.0523	0.0703
1.025	0.7889	0.2439	0.6478	2.275	0.0475	0.0452	0.0618
1.050	1.6415	0.7143	0.9443	2.300	0.0424	0.0425	0.0526
1.075	2.0383	0.9204	1.0897	2.325	0.0394	0.0381	0.0431
1.100	2.2087	1.0165	1.1379	2.350	0.0428	0.0327	0.0389
1.125	2.1884	1.0252	1.1487	2.375	0.0433	0.0301	0.0328
1.150	2.0161	0.9928	1.1216	2.400	0.0450	0.0283	0.0280
1.175	1.8254	0.9237	1.1022	2.425	0.0361	0.0299	0.0245
1.200	1.6144	0.8494	1.0690	2.450	0.0268	0.0257	0.0214
1.225	1.3760	0.7759	1.0399	2.475	0.0324	0.0208	0.0176
1.250	1.1795	0.7031	0.9939	2.500	0.0288	0.0214	0.0164

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.303 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-12.5168	-8.0083	-38.5028	1.275	0.9617	0.7083	1.3155
0.050	-12.3946	-8.0295	-38.0543	1.300	0.8461	0.6533	1.2683
0.075	-12.1837	-8.0604	-37.3575	1.325	0.7419	0.6142	1.2176
0.100	-11.9179	-8.1012	-36.4684	1.350	0.6510	0.5726	1.1688
0.125	-11.5991	-8.1547	-35.4416	1.375	0.5805	0.5406	1.1017
0.150	-11.2529	-8.2192	-34.3219	1.400	0.5162	0.5042	1.0472
0.175	-10.8816	-8.2975	-33.1430	1.425	0.4548	0.4681	0.9919
0.200	-10.5033	-8.3849	-31.9285	1.450	0.4092	0.4360	0.9359
0.225	-10.1171	-8.4810	-30.6944	1.475	0.3799	0.4034	0.8999
0.250	-9.7348	-8.5796	-29.4516	1.500	0.3321	0.3812	0.8518
0.275	-9.3533	-8.6699	-28.2077	1.525	0.3157	0.3578	0.8095
0.300	-8.9806	-8.7440	-26.9682	1.550	0.2884	0.3357	0.7734
0.325	-8.6128	-8.7862	-25.7373	1.575	0.2665	0.3175	0.7300
0.350	-8.2555	-8.7926	-24.5184	1.600	0.2479	0.3040	0.6878
0.375	-7.9051	-8.7460	-23.3142	1.625	0.2283	0.2878	0.6416
0.400	-7.5656	-8.6563	-22.1268	1.650	0.2105	0.2678	0.6078
0.425	-7.2338	-8.5156	-20.9582	1.675	0.2005	0.2576	0.5754
0.450	-6.9125	-8.3370	-19.8100	1.700	0.1869	0.2420	0.5404
0.475	-6.5993	-8.1167	-18.6837	1.725	0.1648	0.2285	0.4902
0.500	-6.2960	-7.8691	-17.5805	1.750	0.1526	0.2179	0.4710
0.525	-6.0007	-7.5937	-16.5009	1.775	0.1550	0.2037	0.4298
0.550	-5.7146	-7.3002	-15.4460	1.800	0.1385	0.1925	0.4126
0.575	-5.4366	-6.9889	-14.4165	1.825	0.1300	0.1812	0.3854
0.600	-5.1670	-6.6673	-13.4135	1.850	0.1319	0.1708	0.3544
0.625	-4.9056	-6.3365	-12.4381	1.875	0.1263	0.1584	0.3272
0.650	-4.6521	-6.0008	-11.4912	1.900	0.1209	0.1501	0.3031
0.675	-4.4070	-5.6622	-10.5737	1.925	0.1204	0.1403	0.2722
0.700	-4.1694	-5.3233	-9.6864	1.950	0.1110	0.1316	0.2559
0.725	-3.9406	-4.9862	-8.8304	1.975	0.1062	0.1206	0.2275
0.750	-3.7190	-4.6523	-8.0068	2.000	0.1039	0.1162	0.2116
0.775	-3.5063	-4.3245	-7.2167	2.025	0.0956	0.1086	0.1884
0.800	-3.3006	-4.0030	-6.4612	2.050	0.0956	0.0972	0.1826
0.825	-3.1040	-3.6905	-5.7413	2.075	0.0850	0.0923	0.1591
0.850	-2.9143	-3.3866	-5.0563	2.100	0.0891	0.0844	0.1465
0.875	-2.7335	-3.0904	-4.3804	2.125	0.0750	0.0796	0.1247
0.900	-2.5558	-2.7905	-3.6294	2.150	0.0734	0.0752	0.1164
0.925	-2.3396	-2.3775	-2.6605	2.175	0.0733	0.0714	0.1047
0.950	-1.9601	-1.8396	-1.5541	2.200	0.0554	0.0650	0.0927
0.975	-1.2374	-1.1106	-0.4897	2.225	0.0613	0.0588	0.0790
1.000	-0.2851	-0.3729	0.3327	2.250	0.0571	0.0526	0.0790
1.025	0.6635	0.2177	0.9053	2.275	0.0470	0.0496	0.0692
1.050	1.3680	0.6514	1.2104	2.300	0.0532	0.0456	0.0532
1.075	1.7990	0.8735	1.3927	2.325	0.0465	0.0425	0.0456
1.100	1.9697	0.9977	1.4546	2.350	0.0444	0.0398	0.0366
1.125	1.9469	1.0050	1.4859	2.375	0.0426	0.0322	0.0320
1.150	1.7982	0.9817	1.4727	2.400	0.0426	0.0294	0.0270
1.175	1.6071	0.9346	1.4528	2.425	0.0360	0.0246	0.0207
1.200	1.4232	0.8749	1.4276	2.450	0.0389	0.0241	0.0131
1.225	1.2561	0.8234	1.3916	2.475	0.0298	0.0196	0.0089
1.250	1.0850	0.7642	1.3593	2.500	0.0213	0.0141	0.0104

DIRECT CORRELATION FUNCTIONS FOR $T^* = 1.0$
$\sigma_{22}/\sigma_{11} = 2.00$ $\rho^* = 0.466$ $x_1 = 0.9005$ $\epsilon_{22}/\epsilon_{11} = 0.50$

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-14.9704	-9.3769	-48.1031	1.275	0.9123	0.7817	1.6901
0.050	-14.8056	-9.3973	-47.5301	1.300	0.8114	0.7401	1.6206
0.075	-14.5450	-9.4320	-46.6515	1.325	0.7394	0.7027	1.5353
0.100	-14.2063	-9.4789	-45.5345	1.350	0.6636	0.6515	1.4383
0.125	-13.8105	-9.5415	-44.2463	1.375	0.6039	0.6147	1.3766
0.150	-13.3770	-9.6176	-42.8413	1.400	0.5549	0.5735	1.2945
0.175	-12.9179	-9.7106	-41.3605	1.425	0.5068	0.5380	1.1974
0.200	-12.4492	-9.8161	-39.8321	1.450	0.4710	0.5017	1.1375
0.225	-11.9735	-9.9343	-38.2755	1.475	0.4333	0.4693	1.0459
0.250	-11.5025	-10.0577	-36.7043	1.500	0.4003	0.4374	0.9808
0.275	-11.0338	-10.1748	-35.1283	1.525	0.3691	0.4088	0.9317
0.300	-10.5753	-10.2749	-33.5556	1.550	0.3417	0.3879	0.8681
0.325	-10.1237	-10.3375	-31.9926	1.575	0.3168	0.3668	0.8091
0.350	-9.6837	-10.3568	-30.4444	1.600	0.2937	0.3485	0.7724
0.375	-9.2528	-10.3122	-28.9148	1.625	0.2672	0.3279	0.7262
0.400	-8.8332	-10.2143	-27.4072	1.650	0.2487	0.3123	0.6684
0.425	-8.4235	-10.0517	-25.9240	1.675	0.2246	0.2944	0.6008
0.450	-8.0247	-9.8415	-24.4676	1.700	0.2145	0.2824	0.5762
0.475	-7.6360	-9.5796	-23.0397	1.725	0.1996	0.2641	0.5363
0.500	-7.2577	-9.2827	-21.6415	1.750	0.1904	0.2491	0.4960
0.525	-6.8895	-8.9488	-20.2740	1.775	0.1771	0.2342	0.4582
0.550	-6.5315	-8.5912	-18.9380	1.800	0.1660	0.2201	0.4221
0.575	-6.1836	-8.2107	-17.6348	1.825	0.1622	0.2064	0.3862
0.600	-5.8459	-7.8158	-16.3656	1.850	0.1537	0.1915	0.3636
0.625	-5.5183	-7.4074	-15.1319	1.875	0.1453	0.1843	0.3314
0.650	-5.2010	-6.9919	-13.9348	1.900	0.1420	0.1742	0.3109
0.675	-4.8939	-6.5714	-12.7751	1.925	0.1342	0.1603	0.2717
0.700	-4.5973	-6.1494	-11.6538	1.950	0.1294	0.1455	0.2468
0.725	-4.3106	-5.7287	-10.5722	1.975	0.1207	0.1381	0.2308
0.750	-4.0348	-5.3116	-9.5318	2.000	0.1165	0.1258	0.1954
0.775	-3.7685	-4.9016	-8.5341	2.025	0.1094	0.1221	0.1746
0.800	-3.5136	-4.4991	-7.5806	2.050	0.0971	0.1089	0.1649
0.825	-3.2679	-4.1082	-6.6724	2.075	0.0853	0.1038	0.1367
0.850	-3.0338	-3.7283	-5.8084	2.100	0.0821	0.0963	0.1288
0.875	-2.8087	-3.3597	-4.9613	2.125	0.0705	0.0853	0.0932
0.900	-2.5917	-2.9921	-4.0229	2.150	0.0724	0.0789	0.0846
0.925	-2.3455	-2.5215	-2.8942	2.175	0.0663	0.0742	0.0957
0.950	-1.9455	-1.9500	-1.5914	2.200	0.0622	0.0669	0.0787
0.975	-1.2633	-1.2126	-0.4216	2.225	0.0554	0.0604	0.0746
1.000	-0.3866	-0.4751	0.5200	2.250	0.0522	0.0619	0.0672
1.025	0.4705	0.1076	1.0765	2.275	0.0486	0.0491	0.0429
1.050	1.1321	0.5493	1.4748	2.300	0.0400	0.0421	0.0366
1.075	1.5037	0.7837	1.6635	2.325	0.0379	0.0422	0.0327
1.100	1.6713	0.9202	1.7603	2.350	0.0354	0.0342	0.0209
1.125	1.6423	0.9620	1.8124	2.375	0.0303	0.0338	0.0205
1.150	1.5545	0.9754	1.8187	2.400	0.0336	0.0310	0.0088
1.175	1.4180	0.9540	1.8295	2.425	0.0275	0.0315	0.0042
1.200	1.2667	0.8988	1.8110	2.450	0.0248	0.0277	0.0177
1.225	1.1436	0.8752	1.7592	2.475	0.0204	0.0223	0.0143
1.250	1.0071	0.8225	1.7329	2.500	0.0194	0.0153	0.0130

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.583 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-17.5441	-11.8961	-62.7318	1.275	0.8369	0.7131	1.1533
0.050	-17.3481	-11.9205	-61.9931	1.300	0.7510	0.6674	1.0979
0.075	-17.0441	-11.9628	-60.8579	1.325	0.6895	0.6237	1.0579
0.100	-16.6466	-12.0197	-59.4168	1.350	0.6317	0.5819	0.9838
0.125	-16.1866	-12.0946	-57.7571	1.375	0.5758	0.5460	0.8790
0.150	-15.6784	-12.1849	-55.9482	1.400	0.5298	0.4993	0.8290
0.175	-15.1455	-12.2945	-54.0399	1.425	0.4891	0.4634	0.7842
0.200	-14.5962	-12.4185	-52.0675	1.450	0.4472	0.4194	0.7302
0.225	-14.0430	-12.5568	-50.0557	1.475	0.4147	0.3804	0.6973
0.250	-13.4904	-12.7006	-48.0223	1.500	0.3768	0.3506	0.6701
0.275	-12.9430	-12.8362	-45.9815	1.525	0.3460	0.3240	0.6512
0.300	-12.4037	-12.9502	-43.9440	1.550	0.3128	0.3011	0.5917
0.325	-11.8728	-13.0164	-41.9187	1.575	0.2884	0.2826	0.5218
0.350	-11.3530	-13.0283	-39.9127	1.600	0.2591	0.2664	0.5168
0.375	-10.8425	-12.9609	-37.9320	1.625	0.2408	0.2544	0.4713
0.400	-10.3443	-12.8272	-35.9812	1.650	0.2203	0.2344	0.4504
0.425	-9.8555	-12.6129	-34.0636	1.675	0.2012	0.2203	0.4061
0.450	-9.3794	-12.3402	-32.1813	1.700	0.1856	0.2005	0.4145
0.475	-8.9128	-12.0039	-30.3361	1.725	0.1735	0.1845	0.4026
0.500	-8.4593	-11.6243	-28.5290	1.750	0.1623	0.1726	0.3645
0.525	-8.0156	-11.1991	-26.7613	1.775	0.1519	0.1534	0.3067
0.550	-7.5851	-10.7445	-25.0343	1.800	0.1443	0.1491	0.3387
0.575	-7.1649	-10.2609	-23.3499	1.825	0.1382	0.1356	0.3198
0.600	-6.7582	-9.7591	-21.7099	1.850	0.1334	0.1189	0.2919
0.625	-6.3622	-9.2400	-20.1159	1.875	0.1257	0.1103	0.2660
0.650	-5.9795	-8.7118	-18.5696	1.900	0.1237	0.1123	0.2894
0.675	-5.6083	-8.1772	-17.0722	1.925	0.1177	0.1016	0.2688
0.700	-5.2501	-7.6408	-15.6250	1.950	0.1108	0.0931	0.2536
0.725	-4.9039	-7.1056	-14.2293	1.975	0.0979	0.0852	0.2485
0.750	-4.5706	-6.5748	-12.8865	2.000	0.0921	0.0818	0.2142
0.775	-4.2496	-6.0532	-11.5982	2.025	0.0861	0.0749	0.2082
0.800	-3.9413	-5.5413	-10.3664	2.050	0.0750	0.0641	0.1808
0.825	-3.6457	-5.0445	-9.1928	2.075	0.0646	0.0594	0.1770
0.850	-3.3626	-4.5623	-8.0746	2.100	0.0601	0.0574	0.1714
0.875	-3.0924	-4.0954	-6.9938	2.125	0.0556	0.0495	0.1390
0.900	-2.8312	-3.6334	-5.7964	2.150	0.0492	0.0402	0.1438
0.925	-2.5417	-3.0575	-4.3873	2.175	0.0451	0.0421	0.1120
0.950	-2.1112	-2.3847	-2.8428	2.200	0.0391	0.0379	0.1239
0.975	-1.4102	-1.5629	-1.5167	2.225	0.0345	0.0292	0.1231
1.000	-0.5290	-0.7513	-0.4371	2.250	0.0334	0.0262	0.1202
1.025	0.3102	-0.1180	0.1875	2.275	0.0295	0.0259	0.1126
1.050	0.9446	0.3652	0.5314	2.300	0.0261	0.0238	0.0826
1.075	1.3289	0.6160	0.7989	2.325	0.0237	0.0177	0.0944
1.100	1.4702	0.7667	0.9605	2.350	0.0229	0.0199	0.0931
1.125	1.4642	0.8321	1.0777	2.375	0.0190	0.0172	0.0609
1.150	1.3944	0.8511	1.1564	2.400	0.0191	0.0112	0.1122
1.175	1.2670	0.8466	1.1874	2.425	0.0153	0.0112	0.0824
1.200	1.1488	0.8182	1.1901	2.450	0.0158	0.0071	0.0616
1.225	1.0247	0.7851	1.1909	2.475	0.0116	0.0091	0.0486
1.250	0.9272	0.7515	1.1417	2.500	0.0091	0.0026	0.0375

DIRECT CORRELATION FUNCTIONS FOR $T^* = 1.0$

$\sigma_{22}/\sigma_{11} = 2.00$ $\rho^* = 0.122$ $x_1 = 0.0498$ $\epsilon_{22}/\epsilon_{11} = 1.00$

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-12.3920	-10.4837	-45.7751	1.275	0.9581	0.8640	1.2744
0.050	-12.2630	-10.1481	-45.2404	1.300	0.5141	0.7595	1.2078
0.075	-12.0870	-10.0795	-44.4017	1.325	0.6195	0.7045	1.1419
0.100	-11.9060	-10.0630	-43.3280	1.350	0.5478	0.6450	1.0787
0.125	-11.6660	-10.0805	-42.0844	1.375	0.5859	0.5895	1.0167
0.150	-11.4150	-10.1150	-40.7298	1.400	0.4411	0.5396	0.9558
0.175	-11.1220	-10.1660	-39.3046	1.425	0.5103	0.5064	0.8948
0.200	-10.8270	-10.2260	-37.8450	1.450	0.4341	0.4571	0.8361
0.225	-10.5030	-10.2930	-36.3684	1.475	0.3807	0.4204	0.7793
0.250	-10.1840	-10.3600	-34.8889	1.500	0.3914	0.3867	0.7227
0.275	-9.8485	-10.4140	-33.4116	1.525	0.3002	0.3449	0.6677
0.300	-9.5223	-10.4500	-31.9450	1.550	0.3796	0.3096	0.6177
0.325	-9.1855	-10.4565	-30.4914	1.575	0.3011	0.2752	0.5738
0.350	-8.8608	-10.4290	-29.0518	1.600	0.2578	0.2414	0.5307
0.375	-8.5300	-10.3465	-27.6296	1.625	0.2322	0.2253	0.4936
0.400	-8.2118	-10.2220	-26.2270	1.650	0.1675	0.1947	0.4654
0.425	-7.8905	-10.0484	-24.8454	1.675	0.1573	0.1690	0.4400
0.450	-7.5817	-9.8351	-23.4878	1.700	0.2391	0.1533	0.4247
0.475	-7.2719	-9.5760	-22.1526	1.725	0.0972	0.1333	0.4157
0.500	-6.9741	-9.2884	-20.8470	1.750	0.1440	0.1191	0.4086
0.525	-6.6766	-8.9726	-19.5704	1.775	0.1418	0.1042	0.4074
0.550	-6.3904	-8.6375	-18.3247	1.800	0.1989	0.0897	0.4063
0.575	-6.1056	-8.2820	-17.1117	1.825	0.0487	0.0836	0.3979
0.600	-5.8314	-7.9161	-15.9350	1.850	0.0595	0.0709	0.3893
0.625	-5.5595	-7.5416	-14.7953	1.875	0.1066	0.0684	0.3685
0.650	-5.2976	-7.1618	-13.6946	1.900	0.0320	0.0685	0.3421
0.675	-5.0387	-6.7775	-12.6317	1.925	0.0041	0.0649	0.3102
0.700	-4.7894	-6.3932	-11.6100	1.950	0.1038	0.0586	0.2743
0.725	-4.5439	-6.0109	-10.6283	1.975	-0.0274	0.0590	0.2404
0.750	-4.3077	-5.6312	-9.6866	2.000	0.0111	0.0600	0.2090
0.775	-4.0761	-5.2563	-8.7837	2.025	-0.0296	0.0643	0.1841
0.800	-3.8536	-4.8878	-7.9214	2.050	0.1077	0.0693	0.1642
0.825	-3.6363	-4.5279	-7.0983	2.075	-0.0366	0.0616	0.1512
0.850	-3.4281	-4.1761	-6.3146	2.100	0.0203	0.0630	0.1388
0.875	-3.2258	-3.8352	-5.5695	2.125	-0.0628	0.0650	0.1333
0.900	-3.0326	-3.5025	-4.8576	2.150	0.0649	0.0603	0.1259
0.925	-2.7276	-3.0992	-4.1065	2.175	-0.0327	0.0463	0.1226
0.950	-2.3798	-2.5720	-3.1320	2.200	0.0123	0.0365	0.1180
0.975	-1.4486	-1.6780	-1.8230	2.225	0.0789	0.0338	0.1142
1.000	-0.6449	-0.6085	-0.4243	2.250	0.1034	0.0253	0.1054
1.025	0.5145	0.3376	0.7430	2.275	-0.0072	0.0197	0.0983
1.050	1.4639	1.0805	1.4859	2.300	-0.0189	0.0196	0.0920
1.075	1.7786	1.4395	1.8255	2.325	0.0657	0.0066	0.0835
1.100	1.9341	1.6262	1.9231	2.350	0.0564	0.0007	0.0744
1.125	1.7447	1.6067	1.8637	2.375	-0.0194	0.0007	0.0660
1.150	1.8219	1.5164	1.7612	2.400	0.0597	-0.0009	0.0546
1.175	1.8494	1.3513	1.6444	2.425	-0.0494	0.0009	0.0423
1.200	1.4913	1.2052	1.5360	2.450	0.0086	0.0079	0.0345
1.225	1.1698	1.0907	1.4366	2.475	0.0825	0.0037	0.0241
1.250	0.6123	0.9800	1.3519	2.500	0.0348	-0.0019	0.0163

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.127 x_1= 0.0995 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-12.6650	-11.2676	-50.3721	1.275	1.1967	0.7936	1.7873
0.050	-12.5440	-11.0021	-49.8354	1.300	0.9636	0.7381	1.7646
0.075	-12.3630	-10.9505	-48.9917	1.325	1.0459	0.6963	1.7400
0.100	-12.1750	-10.9400	-47.9080	1.350	0.7468	0.6414	1.7109
0.125	-11.9240	-10.9565	-46.6504	1.375	0.7407	0.6108	1.6828
0.150	-11.6650	-10.9880	-45.2748	1.400	0.6504	0.5759	1.6382
0.175	-11.3600	-11.0350	-43.8216	1.425	0.5623	0.5517	1.5957
0.200	-11.0550	-11.0900	-42.3240	1.450	0.5641	0.5188	1.5467
0.225	-10.7210	-11.1500	-40.7994	1.475	0.4877	0.4900	1.4934
0.250	-10.3940	-11.2100	-39.2619	1.500	0.3613	0.4655	1.4419
0.275	-10.0500	-11.2580	-37.7165	1.525	0.3857	0.4418	1.3849
0.300	-9.7182	-11.2870	-36.1730	1.550	0.3867	0.4300	1.3276
0.325	-9.3750	-11.2845	-34.6324	1.575	0.3242	0.4071	1.2679
0.350	-9.0467	-11.2470	-33.0979	1.600	0.2829	0.3832	1.2131
0.375	-8.7110	-11.1555	-31.5706	1.625	0.2913	0.3598	1.1618
0.400	-8.3907	-11.0200	-30.0570	1.650	0.2440	0.3429	1.1134
0.425	-8.0658	-10.8341	-28.5574	1.675	0.2184	0.3182	1.0639
0.450	-7.7558	-10.6071	-27.0739	1.700	0.1686	0.2984	1.0220
0.475	-7.4429	-10.3339	-25.6086	1.725	0.2556	0.2890	0.9856
0.500	-7.1444	-10.0310	-24.1660	1.750	0.2262	0.2776	0.9487
0.525	-6.8440	-9.6990	-22.7484	1.775	0.1640	0.2601	0.9170
0.550	-6.5578	-9.3466	-21.3588	1.800	0.1192	0.2444	0.8840
0.575	-6.2705	-8.9728	-19.9966	1.825	0.1396	0.2387	0.8450
0.600	-5.9968	-8.5878	-18.6690	1.850	0.1346	0.2256	0.8026
0.625	-5.7235	-8.1931	-17.3754	1.875	0.1583	0.2200	0.7520
0.650	-5.4617	-7.7923	-16.1177	1.900	0.1814	0.2134	0.7013
0.675	-5.2009	-7.3858	-14.8976	1.925	0.1788	0.2076	0.6485
0.700	-4.9529	-6.9789	-13.7170	1.950	0.1247	0.2093	0.5894
0.725	-4.7058	-6.5735	-12.5773	1.975	0.1701	0.1978	0.5317
0.750	-4.4712	-6.1702	-11.4786	2.000	0.1168	0.1864	0.4780
0.775	-4.2380	-5.7715	-10.4197	2.025	0.1554	0.1870	0.4328
0.800	-4.0172	-5.3791	-9.4033	2.050	0.1699	0.1728	0.3933
0.825	-3.7984	-4.9953	-8.4297	2.075	0.1279	0.1740	0.3559
0.850	-3.5918	-4.6195	-7.4991	2.100	0.1961	0.1663	0.3282
0.875	-3.3878	-4.2547	-6.6115	2.125	0.1659	0.1566	0.3037
0.900	-3.1898	-3.8980	-5.7625	2.150	0.1277	0.1466	0.2769
0.925	-2.9012	-3.4743	-4.8825	2.175	0.1320	0.1365	0.2559
0.950	-2.4186	-2.9304	-3.7908	2.200	0.0988	0.1211	0.2346
0.975	-1.4251	-2.0198	-2.3888	2.225	0.1502	0.1070	0.2154
1.000	-0.0965	-0.9686	-0.8763	2.250	0.0807	0.0940	0.1966
1.025	1.2995	0.0103	0.3812	2.275	0.1185	0.0842	0.1774
1.050	2.0686	0.7893	1.2290	2.300	0.1117	0.0725	0.1574
1.075	2.6525	1.1845	1.6794	2.325	0.1342	0.0669	0.1361
1.100	2.7840	1.3970	1.8806	2.350	0.1288	0.0661	0.1145
1.125	2.7208	1.3974	1.9319	2.375	0.0680	0.0483	0.0982
1.150	2.3978	1.3278	1.9187	2.400	0.0905	0.0407	0.0839
1.175	2.4844	1.1919	1.8886	2.425	0.1594	0.0407	0.0647
1.200	2.2256	1.0605	1.8584	2.450	0.0896	0.0372	0.0516
1.225	1.5596	0.9781	1.8335	2.475	0.1108	0.0347	0.0389
1.250	1.3617	0.8797	1.8095	2.500	0.0827	0.0280	0.0259

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.147 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-12.8058	-10.4316	-50.7825	1.275	0.9212	0.8813	1.9296
0.050	-12.7534	-10.6029	-50.2173	1.300	0.8090	0.8078	1.8950
0.075	-12.5895	-10.6648	-49.3376	1.325	0.7019	0.7609	1.8530
0.100	-12.3987	-10.7159	-48.2116	1.350	0.5609	0.7108	1.8078
0.125	-12.1424	-10.7675	-46.9084	1.375	0.5238	0.6659	1.7532
0.150	-11.8688	-10.8245	-45.4860	1.400	0.4550	0.6280	1.6931
0.175	-11.5545	-10.8906	-43.9884	1.425	0.4089	0.5998	1.6375
0.200	-11.2333	-10.9623	-42.4457	1.450	0.3993	0.5697	1.5708
0.225	-10.8892	-11.0380	-40.8776	1.475	0.3633	0.5369	1.5084
0.250	-10.5464	-11.1129	-39.2966	1.500	0.3280	0.5071	1.4435
0.275	-10.1915	-11.1761	-37.7111	1.525	0.2980	0.4815	1.3793
0.300	-9.8436	-11.2208	-36.1267	1.550	0.2938	0.4504	1.3146
0.325	-9.4900	-11.2335	-34.5476	1.575	0.2506	0.4320	1.2500
0.350	-9.1467	-11.2101	-32.9771	1.600	0.2962	0.4081	1.1906
0.375	-8.8014	-11.1301	-31.4178	1.625	0.2677	0.3866	1.1328
0.400	-8.4676	-11.0039	-29.8724	1.650	0.2380	0.3635	1.0781
0.425	-8.1339	-10.8233	-28.3437	1.675	0.2260	0.3449	1.0269
0.450	-7.8120	-10.5995	-26.8345	1.700	0.2050	0.3316	0.9780
0.475	-7.4912	-10.3263	-25.3474	1.725	0.1926	0.3125	0.9284
0.500	-7.1822	-10.0213	-23.8851	1.750	0.2142	0.2966	0.8923
0.525	-6.8748	-9.6845	-22.4500	1.775	0.1728	0.2832	0.8506
0.550	-6.5790	-9.3262	-21.0442	1.800	0.1319	0.2682	0.8103
0.575	-6.2850	-8.9457	-19.6702	1.825	0.1532	0.2563	0.7708
0.600	-6.0025	-8.5529	-18.3299	1.850	0.1250	0.2430	0.7240
0.625	-5.7220	-8.1496	-17.0255	1.875	0.1190	0.2318	0.6792
0.650	-5.4529	-7.7402	-15.7586	1.900	0.1202	0.2270	0.6262
0.675	-5.1861	-7.3261	-14.5304	1.925	0.1283	0.2136	0.5735
0.700	-4.9309	-6.9113	-13.3422	1.950	0.1339	0.2063	0.5223
0.725	-4.6782	-6.4982	-12.1949	1.975	0.1169	0.2015	0.4744
0.750	-4.4373	-6.0878	-11.0893	2.000	0.1187	0.1979	0.4225
0.775	-4.1992	-5.6829	-10.0263	2.025	0.0907	0.1930	0.3818
0.800	-3.9731	-5.2840	-9.0066	2.050	0.1084	0.1827	0.3489
0.825	-3.7500	-4.8944	-8.0310	2.075	0.1136	0.1699	0.3123
0.850	-3.5392	-4.5135	-7.1005	2.100	0.1224	0.1600	0.2839
0.875	-3.3305	-4.1447	-6.2160	2.125	0.1111	0.1545	0.2628
0.900	-3.1332	-3.7846	-5.3707	2.150	0.1026	0.1459	0.2319
0.925	-2.8654	-3.3574	-4.4976	2.175	0.0979	0.1334	0.2146
0.950	-2.4014	-2.8185	-3.4155	2.200	0.0892	0.1263	0.1922
0.975	-1.6065	-1.9229	-2.0356	2.225	0.0916	0.1128	0.1734
1.000	-0.4140	-0.9004	-0.5610	2.250	0.0934	0.1002	0.1568
1.025	0.6073	0.0784	0.6637	2.275	0.1031	0.0891	0.1390
1.050	1.5141	0.8601	1.4925	2.300	0.1023	0.0798	0.1242
1.075	1.9748	1.2543	1.9324	2.325	0.0739	0.0723	0.1071
1.100	2.1605	1.4625	2.1163	2.350	0.0948	0.0620	0.0917
1.125	2.2358	1.4513	2.1585	2.375	0.1037	0.0546	0.0786
1.150	1.9435	1.3819	2.1311	2.400	0.0787	0.0487	0.0624
1.175	1.7128	1.2722	2.0955	2.425	0.1042	0.0426	0.0518
1.200	1.4871	1.1499	2.0585	2.450	0.0801	0.0454	0.0410
1.225	1.2660	1.0455	2.0156	2.475	0.0688	0.0379	0.0303
1.250	1.1555	0.9483	1.9732	2.500	0.0671	0.0346	0.0227

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.200 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-13.5423	-10.3377	-52.1870	1.275	0.8794	0.9726	2.0990
0.050	-13.4529	-10.4486	-51.5506	1.300	0.7347	0.8974	2.0260
0.075	-13.2614	-10.4978	-50.5668	1.325	0.6620	0.8411	1.9499
0.100	-13.0301	-10.5451	-49.3168	1.350	0.5940	0.7835	1.8726
0.125	-12.7347	-10.5982	-47.8803	1.375	0.5236	0.7382	1.7889
0.150	-12.4174	-10.6596	-46.3234	1.400	0.4725	0.6923	1.7081
0.175	-12.0617	-10.7335	-44.6943	1.425	0.4373	0.6556	1.6197
0.200	-11.6992	-10.8162	-43.0254	1.450	0.3819	0.6132	1.5386
0.225	-11.3165	-10.9068	-41.3371	1.475	0.3527	0.5743	1.4521
0.250	-10.9368	-11.0001	-39.6418	1.500	0.3365	0.5368	1.3812
0.275	-10.5480	-11.0863	-37.9481	1.525	0.3030	0.5046	1.3105
0.300	-10.1673	-11.1566	-36.2616	1.550	0.2726	0.4700	1.2358
0.325	-9.7844	-11.1950	-34.5869	1.575	0.2538	0.4437	1.1726
0.350	-9.4112	-11.1955	-32.9279	1.600	0.2403	0.4194	1.1083
0.375	-9.0397	-11.1356	-31.2874	1.625	0.2256	0.3944	1.0467
0.400	-8.6783	-11.0247	-29.6684	1.650	0.2091	0.3749	0.9847
0.425	-8.3208	-10.8519	-28.0737	1.675	0.2021	0.3570	0.9235
0.450	-7.9732	-10.6309	-26.5059	1.700	0.1803	0.3372	0.8735
0.475	-7.6307	-10.3556	-24.9677	1.725	0.1605	0.3192	0.8147
0.500	-7.2975	-10.0446	-23.4610	1.750	0.1614	0.3098	0.7677
0.525	-6.9703	-9.6973	-21.9872	1.775	0.1346	0.2889	0.7203
0.550	-6.6519	-9.3260	-20.5477	1.800	0.1318	0.2747	0.6782
0.575	-6.3400	-8.9311	-19.1438	1.825	0.1267	0.2608	0.6333
0.600	-6.0364	-8.5224	-17.7770	1.850	0.1177	0.2433	0.5957
0.625	-5.7400	-8.1016	-16.4490	1.875	0.1281	0.2357	0.5516
0.650	-5.4515	-7.6741	-15.1609	1.900	0.1142	0.2304	0.4987
0.675	-5.1707	-7.2422	-13.9136	1.925	0.1052	0.2112	0.4616
0.700	-4.8978	-6.8094	-12.7082	1.950	0.1015	0.2031	0.4158
0.725	-4.6332	-6.3783	-11.5457	1.975	0.0885	0.1919	0.3751
0.750	-4.3764	-5.9505	-10.4274	2.000	0.0958	0.1838	0.3417
0.775	-4.1284	-5.5292	-9.3546	2.025	0.0836	0.1735	0.3046
0.800	-3.8884	-5.1149	-8.3283	2.050	0.0785	0.1661	0.2729
0.825	-3.6574	-4.7110	-7.3494	2.075	0.0744	0.1554	0.2484
0.850	-3.4345	-4.3172	-6.4190	2.100	0.0568	0.1469	0.2224
0.875	-3.2206	-3.9373	-5.5382	2.125	0.0652	0.1393	0.1959
0.900	-3.0095	-3.5673	-4.6998	2.150	0.0655	0.1338	0.1752
0.925	-2.7596	-3.1353	-3.8409	2.175	0.0720	0.1201	0.1543
0.950	-2.3283	-2.5946	-2.7843	2.200	0.0618	0.1077	0.1343
0.975	-1.5248	-1.7073	-1.4384	2.225	0.0573	0.0977	0.1183
1.000	-0.5027	-0.6974	-0.0231	2.250	0.0608	0.0896	0.1045
1.025	0.5481	0.2314	1.1434	2.275	0.0516	0.0800	0.0909
1.050	1.3116	0.9761	1.9084	2.300	0.0450	0.0756	0.0781
1.075	1.7455	1.3396	2.3230	2.325	0.0447	0.0668	0.0618
1.100	1.9177	1.5346	2.4826	2.350	0.0469	0.0580	0.0553
1.125	1.9107	1.5405	2.4916	2.375	0.0464	0.0531	0.0452
1.150	1.7301	1.4799	2.4552	2.400	0.0395	0.0483	0.0347
1.175	1.5488	1.3581	2.3823	2.425	0.0388	0.0447	0.0262
1.200	1.3718	1.2416	2.3107	2.450	0.0384	0.0380	0.0264
1.225	1.1829	1.1442	2.2289	2.475	0.0453	0.0376	0.0164
1.250	0.9937	1.0460	2.1631	2.500	0.0327	0.0355	0.0156

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.319 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-16.1277	-11.8192	-62.8243	1.275	0.9184	1.1127	2.5996
0.050	-15.9822	-11.8639	-61.9978	1.300	0.7964	1.0331	2.4902
0.075	-15.7264	-11.9004	-60.7367	1.325	0.7225	0.9798	2.3773
0.100	-15.4054	-11.9451	-59.1490	1.350	0.6473	0.9228	2.2549
0.125	-15.0145	-12.0028	-57.3391	1.375	0.6102	0.8611	2.1332
0.150	-14.5917	-12.0725	-55.3895	1.400	0.5474	0.8086	2.0034
0.175	-14.1315	-12.1593	-53.3585	1.425	0.5064	0.7547	1.8951
0.200	-13.6633	-12.2587	-51.2828	1.450	0.4702	0.7096	1.7869
0.225	-13.1782	-12.3715	-49.1851	1.475	0.4404	0.6631	1.6792
0.250	-12.6984	-12.4915	-47.0798	1.500	0.4036	0.6125	1.5849
0.275	-12.2126	-12.6092	-44.9769	1.525	0.3833	0.5761	1.4865
0.300	-11.7387	-12.7126	-42.8849	1.550	0.3597	0.5436	1.4012
0.325	-11.2642	-12.7797	-40.8108	1.575	0.3332	0.5115	1.3200
0.350	-10.8041	-12.8011	-38.7605	1.600	0.3127	0.4840	1.2399
0.375	-10.3462	-12.7492	-36.7387	1.625	0.2955	0.4623	1.1575
0.400	-9.9031	-12.6326	-34.7490	1.650	0.2750	0.4384	1.0768
0.425	-9.4638	-12.4351	-32.7946	1.675	0.2553	0.4197	1.0151
0.450	-9.0389	-12.1765	-30.8783	1.700	0.2420	0.3957	0.9368
0.475	-8.6189	-11.8503	-29.0022	1.725	0.2308	0.3708	0.8759
0.500	-8.2125	-11.4789	-27.1678	1.750	0.2142	0.3512	0.8082
0.525	-7.8119	-11.0604	-25.3757	1.775	0.1937	0.3333	0.7467
0.550	-7.4243	-10.6119	-23.6270	1.800	0.1946	0.3077	0.6901
0.575	-7.0433	-10.1345	-21.9232	1.825	0.1817	0.2893	0.6354
0.600	-6.6748	-9.6395	-20.2661	1.850	0.1769	0.2696	0.5835
0.625	-6.3138	-9.1280	-18.6575	1.875	0.1683	0.2510	0.5406
0.650	-5.9649	-8.6080	-17.0990	1.900	0.1638	0.2407	0.4852
0.675	-5.6243	-8.0827	-15.5916	1.925	0.1546	0.2249	0.4478
0.700	-5.2957	-7.5561	-14.1365	1.950	0.1465	0.2074	0.4033
0.725	-4.9761	-7.0313	-12.7351	1.975	0.1402	0.1944	0.3600
0.750	-4.6684	-6.5112	-11.3891	2.000	0.1312	0.1837	0.3267
0.775	-4.3704	-6.0003	-10.1005	2.025	0.1276	0.1701	0.2872
0.800	-4.0843	-5.4988	-8.8708	2.050	0.1199	0.1588	0.2492
0.825	-3.8083	-5.0115	-7.7013	2.075	0.1080	0.1483	0.2221
0.850	-3.5444	-4.5380	-6.5936	2.100	0.1014	0.1393	0.2057
0.875	-3.2906	-4.0831	-5.5495	2.125	0.0932	0.1265	0.1775
0.900	-3.0448	-3.6422	-4.5626	2.150	0.0916	0.1147	0.1589
0.925	-2.7611	-3.1469	-3.5694	2.175	0.0860	0.1039	0.1378
0.950	-2.2982	-2.5537	-2.3931	2.200	0.0777	0.0951	0.1164
0.975	-1.5296	-1.6434	-0.9671	2.225	0.0733	0.0852	0.1048
1.000	-0.4953	-0.6305	0.4604	2.250	0.0740	0.0806	0.0827
1.025	0.4779	0.2992	1.6373	2.275	0.0633	0.0739	0.0697
1.050	1.2133	1.0360	2.3884	2.300	0.0657	0.0632	0.0604
1.075	1.6333	1.3914	2.8193	2.325	0.0574	0.0554	0.0446
1.100	1.7838	1.5993	2.9796	2.350	0.0567	0.0524	0.0368
1.125	1.7599	1.6127	3.0294	2.375	0.0521	0.0468	0.0337
1.150	1.6282	1.5604	2.9838	2.400	0.0505	0.0423	0.0260
1.175	1.4682	1.4618	2.9354	2.425	0.0477	0.0392	0.0177
1.200	1.3001	1.3577	2.8766	2.450	0.0375	0.0361	0.0178
1.225	1.1425	1.2737	2.7947	2.475	0.0384	0.0300	0.0184
1.250	1.0267	1.1901	2.7009	2.500	0.0379	0.0240	0.0121

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.494 x_1= 0.9005 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-18.9876	-13.7257	-75.8219	1.275	0.8974	1.2533	2.9917
0.050	-18.7956	-13.7504	-74.7762	1.300	0.8205	1.1815	2.8614
0.075	-18.4773	-13.7870	-73.1950	1.325	0.7594	1.1145	2.6949
0.100	-18.0703	-13.8371	-71.2137	1.350	0.7018	1.0485	2.5562
0.125	-17.5875	-13.9053	-68.9623	1.375	0.6557	0.9794	2.3803
0.150	-17.0611	-13.9882	-66.5416	1.400	0.6048	0.9132	2.2100
0.175	-16.4990	-14.0900	-64.0220	1.425	0.5692	0.8579	2.0869
0.200	-15.9242	-14.2074	-61.4482	1.450	0.5350	0.7975	1.9455
0.225	-15.3375	-14.3432	-58.8480	1.475	0.5062	0.7425	1.8314
0.250	-14.7541	-14.4894	-56.2398	1.500	0.4720	0.6919	1.7116
0.275	-14.1706	-14.6356	-53.6378	1.525	0.4464	0.6510	1.6006
0.300	-13.5971	-14.7679	-51.0538	1.550	0.4188	0.6123	1.4859
0.325	-13.0286	-14.8585	-48.4981	1.575	0.3978	0.5830	1.3953
0.350	-12.4727	-14.8939	-45.9787	1.600	0.3695	0.5552	1.2889
0.375	-11.9238	-14.8412	-43.5012	1.625	0.3432	0.5213	1.1881
0.400	-11.3882	-14.7092	-41.0694	1.650	0.3231	0.4950	1.1151
0.425	-10.8606	-14.4765	-38.6861	1.675	0.3028	0.4728	1.0143
0.450	-10.3465	-14.1687	-36.3533	1.700	0.2824	0.4491	0.9571
0.475	-9.8409	-13.7788	-34.0726	1.725	0.2658	0.4128	0.8744
0.500	-9.3488	-13.3327	-31.8450	1.750	0.2528	0.3862	0.8251
0.525	-8.8657	-12.8276	-29.6707	1.775	0.2409	0.3625	0.7642
0.550	-8.3961	-12.2851	-27.5507	1.800	0.2335	0.3352	0.7125
0.575	-7.9363	-11.7070	-25.4872	1.825	0.2219	0.3173	0.6698
0.600	-7.4900	-11.1065	-23.4827	1.850	0.2120	0.2981	0.5817
0.625	-7.0544	-10.4846	-21.5398	1.875	0.2032	0.2793	0.5467
0.650	-6.6325	-9.8517	-19.6601	1.900	0.1955	0.2603	0.4789
0.675	-6.2221	-9.2123	-17.8447	1.925	0.1865	0.2450	0.4415
0.700	-5.8258	-8.5710	-16.0945	1.950	0.1796	0.2259	0.4107
0.725	-5.4416	-7.9317	-14.4114	1.975	0.1665	0.2130	0.3846
0.750	-5.0717	-7.2984	-12.7971	2.000	0.1519	0.1994	0.3554
0.775	-4.7143	-6.6774	-11.2539	2.025	0.1442	0.1845	0.3008
0.800	-4.3715	-6.0685	-9.7836	2.050	0.1361	0.1692	0.2700
0.825	-4.0414	-5.4780	-8.3876	2.075	0.1221	0.1552	0.2439
0.850	-3.7260	-4.9053	-7.0680	2.100	0.1151	0.1440	0.2265
0.875	-3.4238	-4.3571	-5.8267	2.125	0.1053	0.1311	0.1897
0.900	-3.1324	-3.8280	-4.6604	2.150	0.1027	0.1208	0.1717
0.925	-2.8096	-3.2517	-3.5012	2.175	0.0869	0.1104	0.1312
0.950	-2.3229	-2.5858	-2.2067	2.200	0.0834	0.0991	0.1232
0.975	-1.5527	-1.6284	-0.7201	2.225	0.0793	0.0926	0.1080
1.000	-0.5956	-0.6006	0.7241	2.250	0.0741	0.0856	0.0933
1.025	0.3333	0.3079	1.8757	2.275	0.0655	0.0766	0.0920
1.050	1.0264	1.0311	2.6141	2.300	0.0593	0.0705	0.0683
1.075	1.4167	1.3959	3.0674	2.325	0.0537	0.0599	0.0516
1.100	1.5771	1.6189	3.2980	2.350	0.0494	0.0560	0.0613
1.125	1.5704	1.6533	3.3872	2.375	0.0421	0.0452	0.0468
1.150	1.4775	1.6316	3.4042	2.400	0.0419	0.0413	0.0325
1.175	1.3551	1.5580	3.4077	2.425	0.0368	0.0363	0.0363
1.200	1.2166	1.4817	3.3206	2.450	0.0351	0.0336	0.0303
1.225	1.1006	1.4050	3.2396	2.475	0.0322	0.0256	0.0246
1.250	0.9928	1.3231	3.1251	2.500	0.0242	0.0217	0.0194

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.598 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-19.7950	-14.2076	-81.4616	1.275	0.8357	0.9560	1.7627
0.050	-19.5806	-14.2336	-80.3485	1.300	0.7625	0.8916	1.6825
0.075	-19.2431	-14.2789	-78.6639	1.325	0.6950	0.8274	1.5366
0.100	-18.8066	-14.3404	-76.5606	1.350	0.6374	0.7630	1.4330
0.125	-18.2966	-14.4230	-74.1779	1.375	0.5911	0.7043	1.3321
0.150	-17.7367	-14.5226	-71.6206	1.400	0.5461	0.6417	1.2157
0.175	-17.1450	-14.6435	-68.9602	1.425	0.5042	0.5843	1.1390
0.200	-16.5361	-14.7817	-66.2431	1.450	0.4711	0.5290	1.1004
0.225	-15.9201	-14.9407	-63.4992	1.475	0.4405	0.4904	0.9835
0.250	-15.3034	-15.1115	-60.7497	1.500	0.4024	0.4446	0.9195
0.275	-14.6913	-15.2843	-58.0107	1.525	0.3686	0.4071	0.8901
0.300	-14.0858	-15.4440	-55.2954	1.550	0.3404	0.3813	0.8454
0.325	-13.4897	-15.5602	-52.6143	1.575	0.3142	0.3672	0.7893
0.350	-12.9029	-15.6186	-49.9757	1.600	0.2856	0.3364	0.7204
0.375	-12.3274	-15.5847	-47.3850	1.625	0.2592	0.3177	0.7101
0.400	-11.7620	-15.4666	-44.8455	1.650	0.2344	0.2959	0.6763
0.425	-11.2087	-15.2411	-42.3586	1.675	0.2175	0.2791	0.6154
0.450	-10.6658	-14.9363	-39.9247	1.700	0.1965	0.2586	0.6043
0.475	-10.1353	-14.5450	-37.5440	1.725	0.1827	0.2336	0.5423
0.500	-9.6155	-14.0941	-35.2170	1.750	0.1701	0.2031	0.5278
0.525	-9.1087	-13.5800	-32.9444	1.775	0.1599	0.1858	0.4686
0.550	-8.6132	-13.0258	-30.7280	1.800	0.1508	0.1702	0.4453
0.575	-8.1312	-12.4328	-28.5699	1.825	0.1462	0.1599	0.4067
0.600	-7.6612	-11.8151	-26.4727	1.850	0.1391	0.1466	0.3819
0.625	-7.2053	-11.1734	-24.4384	1.875	0.1355	0.1337	0.3610
0.650	-6.7621	-10.5191	-22.4685	1.900	0.1271	0.1221	0.3382
0.675	-6.3337	-9.8559	-20.5642	1.925	0.1218	0.1136	0.3022
0.700	-5.9183	-9.1897	-18.7268	1.950	0.1142	0.1006	0.3032
0.725	-5.5183	-8.5245	-16.9577	1.975	0.1031	0.0962	0.2866
0.750	-5.1316	-7.8646	-15.2587	2.000	0.0971	0.0903	0.2608
0.775	-4.7606	-7.2164	-13.6315	2.025	0.0823	0.0808	0.2717
0.800	-4.4031	-6.5804	-12.0777	2.050	0.0767	0.0787	0.2336
0.825	-4.0615	-5.9633	-10.5991	2.075	0.0664	0.0740	0.2039
0.850	-3.7333	-5.3642	-9.1980	2.100	0.0633	0.0653	0.1812
0.875	-3.4215	-4.7904	-7.8769	2.125	0.0546	0.0609	0.1870
0.900	-3.1192	-4.2360	-6.6322	2.150	0.0514	0.0551	0.1482
0.925	-2.7894	-3.6395	-5.3985	2.175	0.0468	0.0509	0.1325
0.950	-2.3139	-2.9592	-4.0726	2.200	0.0424	0.0485	0.1147
0.975	-1.5685	-2.0086	-2.6368	2.225	0.0375	0.0453	0.1099
1.000	-0.6346	-0.9917	-1.2146	2.250	0.0353	0.0420	0.0959
1.025	0.2515	-0.0879	-0.0771	2.275	0.0303	0.0398	0.0818
1.050	0.9046	0.6238	0.7208	2.300	0.0290	0.0327	0.0863
1.075	1.2747	0.9837	1.2201	2.325	0.0243	0.0246	0.0619
1.100	1.4316	1.1989	1.4927	2.350	0.0248	0.0227	0.0816
1.125	1.4368	1.2509	1.7076	2.375	0.0191	0.0211	0.0589
1.150	1.3514	1.2551	1.8119	2.400	0.0168	0.0203	0.0684
1.175	1.2487	1.1986	1.8596	2.425	0.0171	0.0140	0.0655
1.200	1.1331	1.1413	1.8844	2.450	0.0157	0.0090	0.0789
1.225	1.0186	1.0798	1.8507	2.475	0.0127	0.0077	0.0574
1.250	0.9178	1.0119	1.8108	2.500	0.0105	0.0046	0.0743

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.128 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-33.5580	-58.5421	-95.4559	1.275	-0.7158	0.8777	1.8601
0.050	-25.1020	-37.4644	-93.8071	1.300	-0.8296	0.9087	1.3417
0.075	-22.1010	-31.9579	-91.0320	1.325	-0.7418	0.9320	0.8721
0.100	-20.4500	-28.9870	-87.4820	1.350	-0.8725	0.9459	0.4537
0.125	-19.2870	-27.3069	-83.4302	1.375	-0.7456	0.9469	0.0927
0.150	-18.3800	-26.1266	-79.1215	1.400	-0.8320	0.9461	-0.2094
0.175	-17.5940	-25.3023	-74.7437	1.425	-0.8290	0.9493	-0.4468
0.200	-16.9090	-24.6500	-70.4440	1.450	-0.8101	0.9367	-0.6244
0.225	-16.2910	-24.1331	-66.3082	1.475	-0.9495	0.9401	-0.7502
0.250	-15.7420	-23.6833	-62.3872	1.500	-0.8731	0.9198	-0.8381
0.275	-15.2370	-23.2804	-58.7170	1.525	-0.7235	0.9127	-0.9147
0.300	-14.7820	-22.8890	-55.2810	1.550	-0.7833	0.9171	-0.9988
0.325	-14.3510	-22.4866	-52.0879	1.575	-0.7942	0.9038	-1.1026
0.350	-13.9540	-22.0543	-49.0868	1.600	-0.6520	0.9011	-1.2339
0.375	-13.5570	-21.5583	-46.2672	1.625	-0.5987	0.8993	-1.3805
0.400	-13.1810	-21.0010	-43.5890	1.650	-0.5831	0.9106	-1.5379
0.425	-12.7980	-20.3657	-41.0058	1.675	-0.4940	0.8969	-1.6774
0.450	-12.4300	-19.6664	-38.5005	1.700	-0.5681	0.8901	-1.7829
0.475	-12.0520	-18.8973	-36.0443	1.725	-0.4240	0.8781	-1.8304
0.500	-11.6880	-18.0970	-33.6320	1.750	-0.4965	0.8463	-1.8010
0.525	-11.3150	-17.2787	-31.2317	1.775	-0.4070	0.8136	-1.6810
0.550	-10.9570	-16.4615	-28.8584	1.800	-0.3288	0.7638	-1.4673
0.575	-10.5890	-15.6553	-26.5023	1.825	-0.4212	0.7070	-1.1894
0.600	-10.2390	-14.8630	-24.2020	1.850	-0.3548	0.6523	-0.8806
0.625	-9.8819	-14.0882	-21.9727	1.875	-0.3771	0.5668	-0.6024
0.650	-9.5396	-13.3274	-19.8403	1.900	-0.3155	0.4906	-0.4127
0.675	-9.1907	-12.5743	-17.8295	1.925	-0.2199	0.3978	-0.3471
0.700	-8.8604	-11.8330	-15.9590	1.950	-0.2630	0.3071	-0.4163
0.725	-8.5225	-11.1087	-14.2485	1.975	-0.2737	0.2341	-0.5955
0.750	-8.2030	-10.3954	-12.6849	2.000	-0.2162	0.1612	-0.8345
0.775	-7.8769	-9.6945	-11.2606	2.025	-0.2852	0.1120	-1.0652
0.800	-7.5686	-9.0081	-9.9462	2.050	-0.2313	0.0578	-1.2497
0.825	-7.2545	-8.3407	-8.7180	2.075	-0.1282	0.0312	-1.3403
0.850	-6.9579	-7.6873	-7.5368	2.100	-0.1933	0.0090	-1.3265
0.875	-6.6570	-7.0526	-6.3867	2.125	-0.1505	0.0080	-1.2164
0.900	-6.3732	-6.4322	-5.2472	2.150	-0.1706	0.0154	-1.0382
0.925	-6.0866	-5.7797	-4.1179	2.175	-0.1384	0.0429	-0.8271
0.950	-5.4411	-5.0469	-2.9396	2.200	-0.1229	0.0829	-0.6121
0.975	-4.4384	-3.8949	-1.5174	2.225	-0.0893	0.1262	-0.4190
1.000	-3.2455	-2.5656	0.3079	2.250	-0.0327	0.1698	-0.2573
1.025	-1.4534	-1.2917	2.3525	2.275	0.0139	0.2179	-0.1253
1.050	-0.7328	-0.1995	4.1291	2.300	-0.0058	0.2504	-0.0140
1.075	-0.5003	0.3673	5.2618	2.325	-0.0569	0.2631	0.0868
1.100	0.1447	0.6981	5.6835	2.350	-0.0588	0.2678	0.1890
1.125	-0.0139	0.7979	5.5456	2.375	-0.0988	0.2231	0.2916
1.150	0.1402	0.8271	5.0657	2.400	-0.0402	0.1744	0.3902
1.175	-0.2207	0.8271	4.4219	2.425	-0.0435	0.1271	0.4724
1.200	-0.2396	0.8090	3.7338	2.450	-0.0399	0.0428	0.5280
1.225	-0.6653	0.8307	3.0586	2.475	-0.0619	0.0033	0.5359
1.250	-0.5764	0.8459	2.4396	2.500	-0.0185	-0.0491	0.4965

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.131 x_1= 0.0995 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-16.0600	-14.1812	-70.4941	1.275	0.7463	1.1317	2.7603
0.050	-15.9300	-13.8721	-69.6396	1.300	0.5605	1.0372	2.7000
0.075	-15.6860	-13.8095	-68.3095	1.325	0.6104	0.9789	2.6382
0.100	-15.4370	-13.7940	-66.6230	1.350	0.5480	0.9178	2.5711
0.125	-15.0980	-13.8095	-64.6926	1.375	0.4618	0.8703	2.4971
0.150	-14.7480	-13.8430	-62.6072	1.400	0.4713	0.8219	2.4167
0.175	-14.3390	-13.8960	-60.4313	1.425	0.4189	0.7801	2.3309
0.200	-13.9290	-13.9620	-58.2110	1.450	0.3947	0.7389	2.2397
0.225	-13.4840	-14.0400	-55.9697	1.475	0.3382	0.7021	2.1454
0.250	-13.0470	-14.1230	-53.7223	1.500	0.2767	0.6585	2.0540
0.275	-12.5910	-14.2010	-51.4743	1.525	0.2543	0.6249	1.9586
0.300	-12.1490	-14.2620	-49.2380	1.550	0.2661	0.5963	1.8640
0.325	-11.6960	-14.2895	-47.0126	1.575	0.2356	0.5594	1.7737
0.350	-11.2600	-14.2750	-44.8023	1.600	0.2122	0.5255	1.6865
0.375	-10.8180	-14.1900	-42.6074	1.625	0.2032	0.4855	1.6023
0.400	-10.3940	-14.0450	-40.4360	1.650	0.2149	0.4572	1.5264
0.425	-9.9654	-13.8266	-38.2886	1.675	0.1803	0.4362	1.4620
0.450	-9.5549	-13.5482	-36.1702	1.700	0.1731	0.4104	1.4075
0.475	-9.1421	-13.1994	-34.0824	1.725	0.1732	0.3824	1.3613
0.500	-8.7469	-12.8060	-32.0320	1.750	0.2082	0.3579	1.3229
0.525	-8.3505	-12.3671	-30.0236	1.775	0.1937	0.3379	1.2853
0.550	-7.9714	-11.8983	-28.0591	1.800	0.1870	0.3239	1.2484
0.575	-7.5919	-11.3969	-26.1404	1.825	0.1406	0.3053	1.2039
0.600	-7.2294	-10.8780	-24.2780	1.850	0.1394	0.2847	1.1494
0.625	-6.8683	-10.3432	-22.4705	1.875	0.1404	0.2837	1.0809
0.650	-6.5217	-9.7990	-20.7210	1.900	0.1975	0.2778	1.0012
0.675	-6.1770	-9.2452	-19.0295	1.925	0.1189	0.2596	0.9123
0.700	-5.8490	-8.6895	-17.4020	1.950	0.1691	0.2578	0.8193
0.725	-5.5224	-8.1346	-15.8345	1.975	0.1877	0.2596	0.7236
0.750	-5.2127	-7.5820	-14.3279	2.000	0.1296	0.2523	0.6375
0.775	-4.9049	-7.0349	-12.8796	2.025	0.1111	0.2476	0.5676
0.800	-4.6140	-6.4961	-11.4910	2.050	0.1173	0.2409	0.5140
0.825	-4.3259	-5.9694	-10.1614	2.075	0.0904	0.2351	0.4680
0.850	-4.0548	-5.4542	-8.8907	2.100	0.0958	0.2192	0.4347
0.875	-3.7871	-4.9559	-7.6791	2.125	0.1134	0.1954	0.4050
0.900	-3.5319	-4.4734	-6.5315	2.150	0.0454	0.1722	0.3851
0.925	-3.2149	-3.9587	-5.4342	2.175	0.0559	0.1598	0.3604
0.950	-2.6578	-3.3626	-4.2726	2.200	0.0579	0.1389	0.3392
0.975	-1.8674	-2.3321	-2.7884	2.225	0.0697	0.1135	0.3144
1.000	-0.6998	-1.0919	-0.9360	2.250	0.1211	0.0976	0.2848
1.025	0.4558	0.1615	-0.8805	2.275	0.0325	0.0793	0.2574
1.050	1.2507	1.1726	2.2137	2.300	0.0730	0.0653	0.2296
1.075	1.6959	1.6898	2.9546	2.325	0.0266	0.0553	0.2008
1.100	1.6732	1.9393	3.2341	2.350	0.0732	0.0476	0.1706
1.125	1.6594	1.8919	3.2498	2.375	0.0695	0.0439	0.1410
1.150	1.6021	1.7790	3.1717	2.400	0.1031	0.0305	0.1138
1.175	1.4643	1.6240	3.0626	2.425	0.1317	0.0324	0.0874
1.200	1.2798	1.4581	2.9716	2.450	0.0774	0.0391	0.0644
1.225	1.0191	1.3221	2.8927	2.475	0.0556	0.0427	0.0438
1.250	0.9041	1.2049	2.8205	2.500	0.0735	0.0409	0.0277

DIRECT CORRELATION FUNCTIONS FOR $T^* = 1.0$
$\sigma_{22}/\sigma_{11} = 2.00$ $\rho^* = 0.152$ $x_1 = 0.2500$ $\epsilon_{22}/\epsilon_{11} = 1.50$

R^*	c_{11}	c_{12}	c_{22}	R^*	c_{11}	c_{12}	c_{22}
0.025	-16.4170	-13.8866	-71.7692	1.275	0.8197	1.1787	2.9708
0.050	-16.3110	-13.7990	-70.8786	1.300	0.7504	1.0928	2.8827
0.075	-16.0820	-13.7945	-69.4985	1.325	0.6794	1.0353	2.8018
0.100	-15.8180	-13.8120	-67.7540	1.350	0.6129	0.9690	2.7092
0.125	-15.4720	-13.8460	-65.7616	1.375	0.5443	0.9203	2.6079
0.150	-15.1010	-13.8930	-63.6143	1.400	0.5013	0.8715	2.5003
0.175	-14.6790	-13.9570	-61.3743	1.425	0.4674	0.8265	2.3940
0.200	-14.2480	-14.0340	-59.0900	1.450	0.4015	0.7777	2.2846
0.225	-13.7890	-14.1215	-56.7847	1.475	0.3735	0.7324	2.1715
0.250	-13.3320	-14.2159	-54.4714	1.500	0.3665	0.6945	2.0633
0.275	-12.8610	-14.3050	-52.1573	1.525	0.3063	0.6511	1.9551
0.300	-12.3990	-14.3780	-49.8540	1.550	0.3021	0.6129	1.8528
0.325	-11.9310	-14.4175	-47.5617	1.575	0.2757	0.5761	1.7523
0.350	-11.4770	-14.4130	-45.2843	1.600	0.2812	0.5401	1.6512
0.375	-11.0210	-14.3360	-43.0233	1.625	0.2326	0.5059	1.5642
0.400	-10.5790	-14.1950	-40.7900	1.650	0.2279	0.4795	1.4778
0.425	-10.1370	-13.9776	-38.5826	1.675	0.2164	0.4473	1.4009
0.450	-9.7102	-13.6972	-36.4083	1.700	0.2159	0.4204	1.3315
0.475	-9.2843	-13.3429	-34.2664	1.725	0.1888	0.3976	1.2692
0.500	-8.8738	-12.9420	-32.1680	1.750	0.1839	0.3739	1.2153
0.525	-8.4647	-12.4926	-30.1126	1.775	0.1918	0.3562	1.1640
0.550	-8.0713	-12.0113	-28.1042	1.800	0.1760	0.3437	1.1220
0.575	-7.6798	-11.4968	-26.1444	1.825	0.1756	0.3280	1.0634
0.600	-7.3040	-10.9640	-24.2410	1.850	0.1570	0.3094	1.0104
0.625	-6.9319	-10.4157	-22.3935	1.875	0.1455	0.2956	0.9450
0.650	-6.5726	-9.8563	-20.6050	1.900	0.1271	0.2839	0.8688
0.675	-6.2171	-9.2884	-18.8745	1.925	0.1168	0.2743	0.7829
0.700	-5.8780	-8.7188	-17.2080	1.950	0.1345	0.2643	0.7007
0.725	-5.5412	-8.1503	-15.6045	1.975	0.1524	0.2577	0.6226
0.750	-5.2215	-7.5849	-14.0629	2.000	0.1204	0.2520	0.5510
0.775	-4.9044	-7.0259	-12.5816	2.025	0.1133	0.2461	0.4842
0.800	-4.6049	-6.4759	-11.1650	2.050	0.0792	0.2367	0.4360
0.825	-4.3085	-5.9389	-9.8111	2.075	0.0920	0.2248	0.3897
0.850	-4.0303	-5.4143	-8.5207	2.100	0.1186	0.2144	0.3597
0.875	-3.7554	-4.9074	-7.2944	2.125	0.1053	0.1938	0.3335
0.900	-3.4927	-4.4167	-6.1367	2.150	0.0952	0.1809	0.3087
0.925	-3.1733	-3.8976	-5.0336	2.175	0.1085	0.1635	0.2856
0.950	-2.7012	-3.2968	-3.8727	2.200	0.0834	0.1486	0.2628
0.975	-1.7992	-2.2827	-2.4031	2.225	0.1005	0.1227	0.2389
1.000	-0.6345	-1.0607	-0.5755	2.250	0.1070	0.1051	0.2148
1.025	0.4076	0.1713	1.2111	2.275	0.0969	0.0922	0.1880
1.050	1.2972	1.2115	2.5182	2.300	0.1072	0.0746	0.1648
1.075	1.7030	1.7044	3.2422	2.325	0.0880	0.0679	0.1401
1.100	1.8874	1.9816	3.5228	2.350	0.1060	0.0581	0.1198
1.125	1.9055	1.9528	3.5410	2.375	0.0840	0.0556	0.0980
1.150	1.6550	1.8179	3.4372	2.400	0.0847	0.0506	0.0792
1.175	1.4431	1.6857	3.3376	2.425	0.0847	0.0485	0.0593
1.200	1.2873	1.5276	3.2292	2.450	0.0848	0.0398	0.0426
1.225	1.1281	1.3863	3.1310	2.475	0.0714	0.0434	0.0289
1.250	0.9933	1.2791	3.0467	2.500	0.1104	0.0394	0.0209

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.210 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-18.1830	-15.1330	-80.6602	1.275	0.8575	1.3265	3.5472
0.050	-18.0520	-15.1070	-79.6087	1.300	0.7479	1.2343	3.4205
0.075	-17.7960	-15.1205	-77.9964	1.325	0.6576	1.1727	3.2930
0.100	-17.4760	-15.1470	-75.9720	1.350	0.5884	1.1197	3.1525
0.125	-17.0760	-15.1875	-73.6727	1.375	0.5367	1.0573	3.0027
0.150	-16.6390	-15.2400	-71.2025	1.400	0.4991	0.9980	2.8510
0.175	-16.1540	-15.3100	-68.6312	1.425	0.4556	0.9413	2.6938
0.200	-15.6540	-15.3940	-66.0090	1.450	0.4172	0.8890	2.5481
0.225	-15.1310	-15.4920	-63.3598	1.475	0.3975	0.8432	2.4051
0.250	-14.6080	-15.5989	-60.6996	1.500	0.3738	0.7935	2.2726
0.275	-14.0760	-15.7050	-58.0362	1.525	0.3556	0.7522	2.1452
0.300	-13.5520	-15.7960	-55.3840	1.550	0.3413	0.7104	2.0262
0.325	-13.0270	-15.8490	-52.7448	1.575	0.3205	0.6697	1.9079
0.350	-12.5120	-15.8540	-50.1265	1.600	0.2999	0.6316	1.7982
0.375	-12.0020	-15.7765	-47.5312	1.625	0.2764	0.5999	1.6890
0.400	-11.5030	-15.6250	-44.9720	1.650	0.2656	0.5687	1.5879
0.425	-11.0100	-15.3821	-42.4507	1.675	0.2563	0.5366	1.4866
0.450	-10.5280	-15.0662	-39.9724	1.700	0.2386	0.5105	1.3897
0.475	-10.0530	-14.6659	-37.5393	1.725	0.2228	0.4858	1.3008
0.500	-9.5887	-14.2110	-35.1590	1.750	0.2187	0.4659	1.2236
0.525	-9.1328	-13.6997	-32.8327	1.775	0.1988	0.4413	1.1495
0.550	-8.6880	-13.1513	-30.5643	1.800	0.1695	0.4181	1.0765
0.575	-8.2522	-12.5648	-28.3514	1.825	0.1745	0.3951	1.0027
0.600	-7.8275	-11.9580	-26.2030	1.850	0.1676	0.3769	0.9360
0.625	-7.4145	-11.3307	-24.1186	1.875	0.1613	0.3612	0.8560
0.650	-7.0082	-10.6924	-22.0992	1.900	0.1559	0.3462	0.7849
0.675	-6.6141	-10.0446	-20.1434	1.925	0.1428	0.3266	0.7044
0.700	-6.2313	-9.3949	-18.2600	1.950	0.1315	0.3109	0.6328
0.725	-5.8591	-8.7469	-16.4455	1.975	0.1289	0.2992	0.5568
0.750	-5.4987	-8.1036	-14.7020	2.000	0.1278	0.2869	0.4953
0.775	-5.1497	-7.4689	-13.0295	2.025	0.1308	0.2739	0.4390
0.800	-4.8130	-6.8456	-11.4330	2.050	0.1277	0.2576	0.3897
0.825	-4.4883	-6.2388	-9.9124	2.075	0.1196	0.2422	0.3439
0.850	-4.1765	-5.6476	-8.4691	2.100	0.1203	0.2274	0.3101
0.875	-3.8773	-5.0782	-7.1042	2.125	0.1234	0.2088	0.2761
0.900	-3.5875	-4.5290	-5.8233	2.150	0.1198	0.1860	0.2475
0.925	-3.2561	-3.9546	-4.6122	2.175	0.1056	0.1725	0.2232
0.950	-2.7124	-3.3021	-3.3569	2.200	0.1072	0.1568	0.1968
0.975	-1.8258	-2.2440	-1.8093	2.225	0.0953	0.1353	0.1691
1.000	-0.6873	-0.9927	0.0618	2.250	0.0875	0.1193	0.1505
1.025	0.4314	0.2484	1.8491	2.275	0.0972	0.1083	0.1258
1.050	1.1841	1.2778	3.1493	2.300	0.0931	0.0955	0.1114
1.075	1.6763	1.7846	3.8894	2.325	0.0901	0.0829	0.0879
1.100	1.7777	2.0456	4.1737	2.350	0.0901	0.0723	0.0744
1.125	1.7712	2.0291	4.1839	2.375	0.0865	0.0674	0.0612
1.150	1.6436	1.9339	4.1112	2.400	0.0846	0.0624	0.0476
1.175	1.4445	1.7834	3.9986	2.425	0.0868	0.0545	0.0371
1.200	1.2690	1.6424	3.8890	2.450	0.0836	0.0464	0.0316
1.225	1.1169	1.5212	3.7788	2.475	0.0732	0.0450	0.0229
1.250	0.9591	1.4162	3.6564	2.500	0.0718	0.0385	0.0155

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.338 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-21.5560	-18.0486	-97.4053	1.275	0.8684	1.5794	4.3078
0.050	-21.3750	-17.9290	-96.0259	1.300	0.7837	1.4947	4.1291
0.075	-21.0480	-17.9195	-93.9513	1.325	0.7198	1.4220	3.9263
0.100	-20.6290	-17.9360	-91.3780	1.350	0.6727	1.3416	3.7190
0.125	-20.1220	-17.9710	-88.4779	1.375	0.6404	1.2709	3.5131
0.150	-19.5650	-18.0210	-85.3808	1.400	0.5917	1.2030	3.3016
0.175	-18.9620	-18.0905	-82.1650	1.425	0.5544	1.1349	3.1048
0.200	-18.3410	-18.1770	-78.8920	1.450	0.5303	1.0620	2.9215
0.225	-17.7020	-18.2830	-75.5860	1.475	0.5147	1.0017	2.7472
0.250	-17.0630	-18.3999	-72.2689	1.500	0.4882	0.9399	2.5922
0.275	-16.4180	-18.5205	-68.9510	1.525	0.4754	0.8849	2.4420
0.300	-15.7840	-18.6270	-65.6520	1.550	0.4464	0.8356	2.3099
0.325	-15.1500	-18.6880	-62.3770	1.575	0.4266	0.7946	2.1501
0.350	-14.5310	-18.6900	-59.1369	1.600	0.4029	0.7551	2.0133
0.375	-13.9150	-18.5900	-55.9371	1.625	0.3896	0.7166	1.8726
0.400	-13.3160	-18.3970	-52.7920	1.650	0.3633	0.6889	1.7428
0.425	-12.7190	-18.0846	-49.7039	1.675	0.3457	0.6533	1.6154
0.450	-12.1400	-17.6822	-46.6778	1.700	0.3312	0.6197	1.5005
0.475	-11.5640	-17.1768	-43.7111	1.725	0.3075	0.5854	1.3833
0.500	-11.0060	-16.6050	-40.8140	1.750	0.2903	0.5550	1.2791
0.525	-10.4510	-15.9632	-37.9858	1.775	0.2770	0.5242	1.1810
0.550	-9.9157	-15.2764	-35.2266	1.800	0.2643	0.4904	1.0841
0.575	-9.3848	-14.5453	-32.5372	1.825	0.2533	0.4591	0.9997
0.600	-8.8741	-13.7890	-29.9270	1.850	0.2443	0.4268	0.9061
0.625	-8.3708	-13.0092	-27.3947	1.875	0.2301	0.4049	0.8252
0.650	-7.8828	-12.2165	-24.9424	1.900	0.2247	0.3774	0.7495
0.675	-7.4030	-11.4138	-22.5713	1.925	0.2138	0.3541	0.6762
0.700	-6.9443	-10.6110	-20.2880	1.950	0.2123	0.3300	0.6150
0.725	-6.4922	-9.8122	-18.0936	1.975	0.2021	0.3099	0.5493
0.750	-6.0618	-9.0218	-15.9892	2.000	0.1906	0.2851	0.4862
0.775	-5.6392	-8.2448	-13.9764	2.025	0.1883	0.2662	0.4262
0.800	-5.2390	-7.4842	-12.0620	2.050	0.1705	0.2462	0.3742
0.825	-4.8476	-6.7475	-10.2465	2.075	0.1610	0.2265	0.3357
0.850	-4.4790	-6.0327	-8.5334	2.100	0.1548	0.2105	0.2988
0.875	-4.1198	-5.3481	-6.9233	2.125	0.1502	0.1959	0.2592
0.900	-3.7787	-4.6909	-5.4230	2.150	0.1399	0.1754	0.2315
0.925	-3.3931	-4.0186	-4.0181	2.175	0.1360	0.1578	0.1982
0.950	-2.8210	-3.2718	-2.5888	2.200	0.1225	0.1470	0.1685
0.975	-1.9073	-2.1409	-0.9019	2.225	0.1106	0.1322	0.1407
1.000	-0.7700	-0.8444	1.0342	2.250	0.1065	0.1184	0.1229
1.025	0.3003	0.4202	2.8378	2.275	0.1004	0.1055	0.1066
1.050	1.0605	1.4460	4.0713	2.300	0.0926	0.0951	0.0949
1.075	1.4985	1.9274	4.7481	2.325	0.0855	0.0848	0.0722
1.100	1.6599	2.1909	5.0360	2.350	0.0844	0.0743	0.0611
1.125	1.6269	2.1950	5.0670	2.375	0.0807	0.0691	0.0453
1.150	1.5127	2.1147	5.0076	2.400	0.0739	0.0624	0.0437
1.175	1.3561	1.9993	4.8995	2.425	0.0716	0.0507	0.0375
1.200	1.2137	1.8753	4.7814	2.450	0.0556	0.0412	0.0286
1.225	1.0699	1.7668	4.6359	2.475	0.0590	0.0384	0.0243
1.250	0.9684	1.6611	4.4774	2.500	0.0474	0.0304	0.0135

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.508 x_1= 0.9005 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-22.0140	-17.4501	-98.6283	1.275	0.8799	1.5205	4.0019
0.050	-21.8000	-17.3240	-97.1300	1.300	0.8166	1.4391	3.7981
0.075	-21.4490	-17.3220	-94.9292	1.325	0.7579	1.3589	3.6030
0.100	-20.9870	-17.3500	-92.2190	1.350	0.7131	1.2822	3.3811
0.125	-20.4460	-17.4020	-89.1809	1.375	0.6677	1.2018	3.1791
0.150	-19.8460	-17.4710	-85.9459	1.400	0.6300	1.1300	2.9846
0.175	-19.2120	-17.5620	-82.5970	1.425	0.5924	1.0512	2.7986
0.200	-18.5520	-17.6700	-79.1970	1.450	0.5686	0.9782	2.6385
0.225	-17.8860	-17.8000	-75.7730	1.475	0.5390	0.9113	2.4709
0.250	-17.2130	-17.9439	-72.3490	1.500	0.5073	0.8505	2.3409
0.275	-16.5470	-18.0960	-68.9360	1.525	0.4825	0.8014	2.2017
0.300	-15.8820	-18.2380	-65.5560	1.550	0.4578	0.7470	2.0486
0.325	-15.2300	-18.3395	-62.2180	1.575	0.4298	0.7131	1.9088
0.350	-14.5830	-18.3810	-58.9309	1.600	0.4013	0.6824	1.7950
0.375	-13.9500	-18.3215	-55.6991	1.625	0.3805	0.6483	1.6699
0.400	-13.3250	-18.1650	-52.5360	1.650	0.3623	0.6211	1.5319
0.425	-12.7120	-17.8831	-49.4409	1.675	0.3353	0.5844	1.4196
0.450	-12.1090	-17.5052	-46.4138	1.700	0.3170	0.5459	1.3235
0.475	-11.5170	-17.0218	-43.4511	1.725	0.3010	0.5181	1.2367
0.500	-10.9370	-16.4670	-40.5590	1.750	0.2812	0.4805	1.1322
0.525	-10.3690	-15.8362	-37.7368	1.775	0.2709	0.4498	1.0415
0.550	-9.8132	-15.1574	-34.9866	1.800	0.2626	0.4179	0.9595
0.575	-9.2706	-14.4328	-32.3062	1.825	0.2523	0.3877	0.8764
0.600	-8.7420	-13.6800	-29.7070	1.850	0.2369	0.3606	0.7996
0.625	-8.2281	-12.9002	-27.1867	1.875	0.2294	0.3344	0.7296
0.650	-7.7257	-12.1065	-24.7494	1.900	0.2230	0.3126	0.6496
0.675	-7.2381	-11.3008	-22.3933	1.925	0.2093	0.2896	0.5925
0.700	-6.7669	-10.4940	-20.1270	1.950	0.2003	0.2660	0.5298
0.725	-6.3089	-9.6908	-17.9496	1.975	0.1873	0.2512	0.4833
0.750	-5.8686	-8.8948	-15.8622	2.000	0.1770	0.2371	0.4332
0.775	-5.4417	-8.1125	-13.8644	2.025	0.1667	0.2192	0.3921
0.800	-5.0336	-7.3467	-11.9650	2.050	0.1534	0.2012	0.3595
0.825	-4.6391	-6.6051	-10.1625	2.075	0.1428	0.1842	0.3230
0.850	-4.2642	-5.8861	-8.4619	2.100	0.1378	0.1684	0.2914
0.875	-3.9029	-5.1981	-6.8635	2.125	0.1266	0.1538	0.2598
0.900	-3.5577	-4.5384	-5.3744	2.150	0.1163	0.1444	0.2283
0.925	-3.1782	-3.8703	-3.9873	2.175	0.1090	0.1267	0.2036
0.950	-2.6347	-3.1423	-2.6245	2.200	0.0937	0.1161	0.1819
0.975	-1.7902	-2.0802	-1.1117	2.225	0.0886	0.1074	0.1642
1.000	-0.7676	-0.8845	0.4868	2.250	0.0809	0.1012	0.1523
1.025	0.2104	0.2896	2.0744	2.275	0.0705	0.0895	0.1258
1.050	0.9151	1.2300	3.2316	2.300	0.0683	0.0828	0.1036
1.075	1.3272	1.7228	3.9362	2.325	0.0595	0.0726	0.0902
1.100	1.4816	1.9938	4.2767	2.350	0.0586	0.0595	0.0892
1.125	1.4809	2.0276	4.4854	2.375	0.0548	0.0537	0.0659
1.150	1.4024	1.9847	4.4966	2.400	0.0442	0.0509	0.0737
1.175	1.2940	1.9055	4.5117	2.425	0.0438	0.0415	0.0811
1.200	1.1703	1.7889	4.4259	2.450	0.0377	0.0341	0.0476
1.225	1.0617	1.7071	4.2960	2.475	0.0341	0.0330	0.0354
1.250	0.9648	1.6032	4.1564	2.500	0.0285	0.0263	0.0262

DIRECT CORRELATION FUNCTIONS FOR T* = 1.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.612 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-22.0497	-16.4275	-98.0285	1.275	0.8289	1.1390	2.5811
0.050	-21.8162	-16.4587	-96.5779	1.300	0.7574	1.0593	2.4320
0.075	-21.4413	-16.5090	-94.4011	1.325	0.6970	0.9888	2.2565
0.100	-20.9622	-16.5764	-91.7060	1.350	0.6386	0.9096	2.1056
0.125	-20.3959	-16.6658	-88.6802	1.375	0.5999	0.8430	1.9079
0.150	-19.7801	-16.7724	-85.4607	1.400	0.5549	0.7711	1.7806
0.175	-19.1225	-16.9002	-82.1369	1.425	0.5196	0.7064	1.6678
0.200	-18.4518	-17.0460	-78.7636	1.450	0.4801	0.6346	1.5413
0.225	-17.7658	-17.2140	-75.3743	1.475	0.4452	0.5818	1.4880
0.250	-17.0850	-17.3966	-71.9911	1.500	0.4149	0.5291	1.3990
0.275	-16.4018	-17.5865	-68.6313	1.525	0.3813	0.4916	1.3392
0.300	-15.7316	-17.7684	-65.3098	1.550	0.3501	0.4588	1.2470
0.325	-15.0644	-17.9104	-62.0395	1.575	0.3214	0.4344	1.1584
0.350	-14.4131	-17.9933	-58.8306	1.600	0.2913	0.4147	1.0594
0.375	-13.7672	-17.9752	-55.6896	1.625	0.2703	0.3884	0.9761
0.400	-13.1377	-17.8599	-52.6195	1.650	0.2413	0.3725	0.9491
0.425	-12.5149	-17.6166	-49.6207	1.675	0.2253	0.3482	0.8573
0.450	-11.9085	-17.2768	-46.6920	1.700	0.2060	0.3231	0.7755
0.475	-11.3101	-16.8302	-43.8321	1.725	0.1883	0.2933	0.7727
0.500	-10.7281	-16.3099	-41.0399	1.750	0.1762	0.2689	0.7012
0.525	-10.1554	-15.7121	-38.3154	1.775	0.1660	0.2416	0.6610
0.550	-9.5994	-15.0651	-35.6603	1.800	0.1602	0.2223	0.5931
0.575	-9.0539	-14.3701	-33.0771	1.825	0.1556	0.2082	0.5606
0.600	-8.5257	-13.6450	-30.5690	1.850	0.1485	0.1850	0.5259
0.625	-8.0094	-12.8908	-28.1382	1.875	0.1463	0.1806	0.4830
0.650	-7.5108	-12.1209	-25.7863	1.900	0.1375	0.1716	0.4600
0.675	-7.0253	-11.3400	-23.5142	1.925	0.1253	0.1590	0.4495
0.700	-6.5578	-10.5549	-21.3225	1.950	0.1183	0.1485	0.3795
0.725	-6.1045	-9.7707	-19.2125	1.975	0.1091	0.1406	0.4052
0.750	-5.6692	-8.9926	-17.1864	2.000	0.0996	0.1239	0.3598
0.775	-5.2489	-8.2280	-15.2467	2.025	0.0910	0.1136	0.3197
0.800	-4.8464	-7.4780	-13.3961	2.050	0.0835	0.1006	0.2754
0.825	-4.4597	-6.7505	-11.6370	2.075	0.0727	0.0926	0.2674
0.850	-4.0905	-6.0449	-9.9720	2.100	0.0691	0.0826	0.2266
0.875	-3.7376	-5.3705	-8.4042	2.125	0.0562	0.0816	0.2177
0.900	-3.3983	-4.7228	-6.9365	2.150	0.0549	0.0680	0.1735
0.925	-3.0305	-4.0687	-5.5677	2.175	0.0494	0.0615	0.1493
0.950	-2.5055	-3.3622	-4.2388	2.200	0.0456	0.0577	0.1468
0.975	-1.7116	-2.3546	-2.8028	2.225	0.0396	0.0557	0.1447
1.000	-0.7257	-1.2178	-1.2915	2.250	0.0382	0.0518	0.0979
1.025	0.1877	-0.1265	0.0327	2.275	0.0312	0.0455	0.0877
1.050	0.8765	0.7580	1.0615	2.300	0.0302	0.0401	0.0833
1.075	1.2519	1.2382	1.8597	2.325	0.0260	0.0394	0.0706
1.100	1.4110	1.5081	2.3374	2.350	0.0282	0.0333	0.0926
1.125	1.4102	1.5715	2.5692	2.375	0.0212	0.0262	0.0306
1.150	1.3357	1.5366	2.7075	2.400	0.0199	0.0224	0.0359
1.175	1.2311	1.4705	2.7724	2.425	0.0185	0.0170	0.0481
1.200	1.1136	1.3802	2.7692	2.450	0.0136	0.0200	0.0469
1.225	1.0055	1.3000	2.7531	2.475	0.0122	0.0123	0.0195
1.250	0.9107	1.2069	2.6859	2.500	0.0103	0.0071	0.0212

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.091 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.8793	-3.6036	-9.7911	1.275	0.5437	0.2802	0.1986
0.050	-3.8623	-3.6018	-9.7153	1.300	0.4336	0.2488	0.1840
0.075	-3.8395	-3.6061	-9.5939	1.325	0.4245	0.2203	0.1706
0.100	-3.8064	-3.6128	-9.4340	1.350	0.3374	0.1937	0.1582
0.125	-3.7672	-3.6215	-9.2429	1.375	0.3290	0.1771	0.1474
0.150	-3.7201	-3.6312	-9.0276	1.400	0.2752	0.1571	0.1371
0.175	-3.6684	-3.6407	-8.7943	1.425	0.2568	0.1426	0.1272
0.200	-3.6111	-3.6490	-8.5488	1.450	0.1919	0.1261	0.1186
0.225	-3.5509	-3.6548	-8.2950	1.475	0.2277	0.1164	0.1104
0.250	-3.4869	-3.6573	-8.0359	1.500	0.2048	0.1101	0.1025
0.275	-3.4213	-3.6531	-7.7736	1.525	0.1287	0.0990	0.0966
0.300	-3.3534	-3.6426	-7.5107	1.550	0.1473	0.0899	0.0896
0.325	-3.2851	-3.6243	-7.2481	1.575	0.1131	0.0811	0.0819
0.350	-3.2154	-3.5984	-6.9869	1.600	0.0783	0.0713	0.0764
0.375	-3.1462	-3.5622	-6.7274	1.625	0.1020	0.0662	0.0707
0.400	-3.0761	-3.5185	-6.4709	1.650	0.0891	0.0580	0.0664
0.425	-3.0071	-3.4671	-6.2175	1.675	0.0387	0.0526	0.0619
0.450	-2.9378	-3.4092	-5.9676	1.700	0.0532	0.0480	0.0575
0.475	-2.8698	-3.3437	-5.7213	1.725	0.0979	0.0437	0.0539
0.500	-2.8018	-3.2737	-5.4793	1.750	0.0361	0.0391	0.0513
0.525	-2.7354	-3.1992	-5.2418	1.775	0.0485	0.0350	0.0485
0.550	-2.6691	-3.1215	-5.0086	1.800	0.0620	0.0299	0.0455
0.575	-2.6047	-3.0401	-4.7801	1.825	0.0264	0.0308	0.0434
0.600	-2.5405	-2.9570	-4.5569	1.850	0.0884	0.0289	0.0417
0.625	-2.4783	-2.8724	-4.3388	1.875	0.0147	0.0263	0.0395
0.650	-2.4163	-2.7869	-4.1260	1.900	0.0312	0.0281	0.0372
0.675	-2.3564	-2.7004	-3.9186	1.925	0.0549	0.0242	0.0356
0.700	-2.2968	-2.6140	-3.7173	1.950	0.0755	0.0192	0.0329
0.725	-2.2394	-2.5279	-3.5219	1.975	0.0193	0.0192	0.0314
0.750	-2.1822	-2.4425	-3.3325	2.000	0.0377	0.0173	0.0295
0.775	-2.1272	-2.3577	-3.1491	2.025	-.0012	0.0188	0.0275
0.800	-2.0725	-2.2742	-2.9724	2.050	0.0238	0.0179	0.0254
0.825	-2.0201	-2.1911	-2.7983	2.075	0.0324	0.0161	0.0245
0.850	-1.9679	-2.1058	-2.5995	2.100	0.0017	0.0153	0.0217
0.875	-1.9021	-1.9701	-2.3090	2.125	0.0275	0.0123	0.0205
0.900	-1.7740	-1.7664	-1.8774	2.150	-.0029	0.0111	0.0184
0.925	-1.5265	-1.3899	-1.3525	2.175	0.0273	0.0127	0.0175
0.950	-1.1077	-.9482	-.8263	2.200	0.0174	0.0128	0.0152
0.975	-.5499	-.4909	-.3911	2.225	0.0206	0.0116	0.0149
1.000	-.0285	-.0960	-.0756	2.250	-.0380	0.0114	0.0126
1.025	0.3541	0.1721	0.1242	2.275	0.0158	0.0093	0.0113
1.050	0.6850	0.3636	0.2395	2.300	0.0061	0.0046	0.0102
1.075	0.8795	0.4399	0.2965	2.325	-.0013	0.0037	0.0092
1.100	0.8821	0.4825	0.3155	2.350	-.0091	0.0051	0.0082
1.125	0.9807	0.4816	0.3114	2.375	-.0254	0.0041	0.0074
1.150	0.8833	0.4563	0.2958	2.400	-.0400	0.0044	0.0069
1.175	0.8206	0.4186	0.2763	2.425	-.0186	0.0015	0.0061
1.200	0.7789	0.3826	0.2559	2.450	-.0245	0.0017	0.0046
1.225	0.7765	0.3495	0.2343	2.475	-.0193	0.0032	0.0047
1.250	0.5398	0.3181	0.2151	2.500	-.0149	-.0001	0.0037

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.095 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.8800	-3.5716	-9.7574	1.275	0.5535	0.2798	0.2248
0.050	-3.8624	-3.5691	-9.6807	1.300	0.5277	0.2457	0.2103
0.075	-3.8390	-3.5735	-9.5581	1.325	0.4604	0.2236	0.1963
0.100	-3.8049	-3.5805	-9.3966	1.350	0.3724	0.1983	0.1831
0.125	-3.7648	-3.5897	-9.2040	1.375	0.3477	0.1816	0.1708
0.150	-3.7166	-3.5998	-8.9872	1.400	0.3482	0.1574	0.1610
0.175	-3.6640	-3.6099	-8.7527	1.425	0.2520	0.1472	0.1504
0.200	-3.6056	-3.6189	-8.5061	1.450	0.2144	0.1317	0.1422
0.225	-3.5446	-3.6256	-8.2514	1.475	0.2207	0.1185	0.1340
0.250	-3.4795	-3.6290	-7.9917	1.500	0.2014	0.1092	0.1251
0.275	-3.4134	-3.6258	-7.7290	1.525	0.2038	0.1003	0.1170
0.300	-3.3446	-3.6165	-7.4658	1.550	0.1104	0.0905	0.1105
0.325	-3.2758	-3.5992	-7.2031	1.575	0.1201	0.0870	0.1034
0.350	-3.2054	-3.5743	-6.9417	1.600	0.1498	0.0783	0.0974
0.375	-3.1357	-3.5389	-6.6821	1.625	0.1235	0.0726	0.0913
0.400	-3.0652	-3.4960	-6.4257	1.650	0.1221	0.0645	0.0849
0.425	-2.9959	-3.4451	-6.1724	1.675	0.1241	0.0576	0.0807
0.450	-2.9262	-3.3877	-5.9226	1.700	0.1154	0.0516	0.0757
0.475	-2.8581	-3.3226	-5.6764	1.725	0.0954	0.0477	0.0723
0.500	-2.7899	-3.2529	-5.4347	1.750	0.0759	0.0442	0.0700
0.525	-2.7235	-3.1787	-5.1974	1.775	0.0533	0.0408	0.0646
0.550	-2.6573	-3.1012	-4.9645	1.800	0.0473	0.0354	0.0621
0.575	-2.5929	-3.0201	-4.7363	1.825	0.0850	0.0357	0.0588
0.600	-2.5288	-2.9371	-4.5134	1.850	0.0790	0.0330	0.0553
0.625	-2.4667	-2.8527	-4.2958	1.875	0.0789	0.0312	0.0533
0.650	-2.4049	-2.7674	-4.0834	1.900	0.0744	0.0297	0.0503
0.675	-2.3452	-2.6811	-3.8764	1.925	0.0655	0.0257	0.0486
0.700	-2.2858	-2.5950	-3.6755	1.950	0.0567	0.0224	0.0459
0.725	-2.2285	-2.5092	-3.4806	1.975	0.0732	0.0221	0.0425
0.750	-2.1716	-2.4239	-3.2916	2.000	0.0745	0.0194	0.0397
0.775	-2.1167	-2.3394	-3.1088	2.025	0.0517	0.0190	0.0381
0.800	-2.0624	-2.2562	-2.9325	2.050	0.0698	0.0191	0.0337
0.825	-2.0101	-2.1735	-2.7591	2.075	0.0390	0.0164	0.0323
0.850	-1.9573	-2.0891	-2.5615	2.100	0.0407	0.0124	0.0301
0.875	-1.9003	-1.9552	-2.2721	2.125	0.0229	0.0139	0.0275
0.900	-1.7807	-1.7544	-1.8451	2.150	0.0337	0.0151	0.0252
0.925	-1.5092	-1.3813	-1.3197	2.175	0.0267	0.0116	0.0234
0.950	-1.1124	-.9382	-.8004	2.200	0.0065	0.0110	0.0221
0.975	-.5136	-.4938	-.3654	2.225	0.0006	0.0091	0.0199
1.000	-.0120	-.0935	-.0547	2.250	0.0137	0.0094	0.0171
1.025	0.4555	0.1643	0.1502	2.275	0.0266	0.0099	0.0154
1.050	0.7558	0.3572	0.2651	2.300	0.0237	0.0107	0.0144
1.075	0.9269	0.4376	0.3227	2.325	-.0033	0.0072	0.0131
1.100	0.9752	0.4861	0.3391	2.350	0.0252	0.0059	0.0119
1.125	1.0439	0.4805	0.3338	2.375	0.0161	0.0068	0.0109
1.150	0.8701	0.4580	0.3201	2.400	0.0105	0.0061	0.0102
1.175	0.8719	0.4290	0.2984	2.425	0.0075	0.0076	0.0077
1.200	0.8244	0.3882	0.2801	2.450	-.0022	0.0039	0.0067
1.225	0.6915	0.3493	0.2597	2.475	0.0000	0.0036	0.0060
1.250	0.6193	0.3114	0.2413	2.500	0.0085	0.0021	0.0055

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.107 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.8727	-3.4142	-9.6899	1.275	0.5615	0.3022	0.2411
0.050	-3.8544	-3.4184	-9.6106	1.300	0.5070	0.2670	0.2286
0.075	-3.8292	-3.4250	-9.4843	1.325	0.4301	0.2419	0.2128
0.100	-3.7920	-3.4337	-9.3188	1.350	0.4280	0.2168	0.2013
0.125	-3.7491	-3.4443	-9.1221	1.375	0.3553	0.1994	0.1887
0.150	-3.6972	-3.4561	-8.9018	1.400	0.3299	0.1823	0.1804
0.175	-3.6416	-3.4683	-8.6643	1.425	0.2701	0.1638	0.1707
0.200	-3.5795	-3.4797	-8.4155	1.450	0.2346	0.1473	0.1595
0.225	-3.5157	-3.4893	-8.1590	1.475	0.2386	0.1388	0.1501
0.250	-3.4474	-3.4960	-7.8981	1.500	0.1890	0.1225	0.1424
0.275	-3.3788	-3.4965	-7.6346	1.525	0.1715	0.1128	0.1355
0.300	-3.3074	-3.4912	-7.3711	1.550	0.1449	0.1046	0.1287
0.325	-3.2365	-3.4778	-7.1083	1.575	0.1491	0.0931	0.1195
0.350	-3.1640	-3.4568	-6.8473	1.600	0.1457	0.0863	0.1103
0.375	-3.0926	-3.4251	-6.5882	1.625	0.1182	0.0785	0.1085
0.400	-3.0204	-3.3857	-6.3325	1.650	0.1093	0.0704	0.1008
0.425	-2.9496	-3.3379	-6.0801	1.675	0.1060	0.0652	0.0959
0.450	-2.8786	-3.2834	-5.8314	1.700	0.0907	0.0628	0.0900
0.475	-2.8092	-3.2210	-5.5865	1.725	0.1051	0.0566	0.0876
0.500	-2.7401	-3.1538	-5.3462	1.750	0.0842	0.0487	0.0815
0.525	-2.6726	-3.0820	-5.1103	1.775	0.0994	0.0449	0.0782
0.550	-2.6057	-3.0066	-4.8791	1.800	0.0639	0.0395	0.0736
0.575	-2.5404	-2.9276	-4.6525	1.825	0.0677	0.0391	0.0714
0.600	-2.4759	-2.8468	-4.4313	1.850	0.0409	0.0371	0.0684
0.625	-2.4131	-2.7645	-4.2154	1.875	0.0509	0.0344	0.0627
0.650	-2.3512	-2.6811	-4.0049	1.900	0.0556	0.0311	0.0590
0.675	-2.2908	-2.5969	-3.7998	1.925	0.0503	0.0286	0.0575
0.700	-2.2315	-2.5127	-3.6008	1.950	0.0422	0.0248	0.0533
0.725	-2.1737	-2.4289	-3.4077	1.975	0.0283	0.0252	0.0509
0.750	-2.1169	-2.3455	-3.2207	2.000	0.0282	0.0260	0.0475
0.775	-2.0618	-2.2631	-3.0397	2.025	0.0232	0.0224	0.0440
0.800	-2.0077	-2.1818	-2.8654	2.050	0.0241	0.0183	0.0417
0.825	-1.9552	-2.1011	-2.6938	2.075	0.0259	0.0188	0.0386
0.850	-1.9039	-2.0184	-2.4988	2.100	0.0305	0.0210	0.0361
0.875	-1.8432	-1.8878	-2.2156	2.125	0.0282	0.0184	0.0330
0.900	-1.7392	-1.6933	-1.8006	2.150	0.0199	0.0162	0.0311
0.925	-1.4841	-1.3301	-1.2838	2.175	0.0305	0.0144	0.0283
0.950	-1.0802	-.9039	-.7778	2.200	0.0252	0.0144	0.0246
0.975	-.5309	-.4598	-.3526	2.225	0.0176	0.0124	0.0240
1.000	-.0089	-.0722	-.0497	2.250	0.0228	0.0127	0.0210
1.025	0.4613	0.1903	0.1535	2.275	0.0167	0.0106	0.0197
1.050	0.7311	0.3803	0.2673	2.300	0.0274	0.0098	0.0177
1.075	0.8674	0.4559	0.3277	2.325	0.0173	0.0099	0.0152
1.100	0.9071	0.5017	0.3449	2.350	0.0116	0.0110	0.0143
1.125	0.9183	0.4940	0.3423	2.375	0.0195	0.0090	0.0127
1.150	0.8789	0.4778	0.3275	2.400	0.0065	0.0088	0.0113
1.175	0.8020	0.4424	0.3140	2.425	0.0092	0.0090	0.0100
1.200	0.7533	0.4084	0.2949	2.450	0.0153	0.0066	0.0089
1.225	0.6640	0.3709	0.2756	2.475	0.0054	0.0080	0.0065
1.250	0.6155	0.3331	0.2582	2.500	0.0055	0.0092	0.0066

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.137 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.7798	-3.1598	-9.4258	1.275	0.4848	0.2913	0.2391
0.050	-3.7608	-3.1596	-9.3422	1.300	0.4222	0.2622	0.2239
0.075	-3.7310	-3.1658	-9.2097	1.325	0.3805	0.2368	0.2082
0.100	-3.6911	-3.1750	-9.0372	1.350	0.3379	0.2112	0.1922
0.125	-3.6427	-3.1868	-8.8340	1.375	0.3001	0.1932	0.1813
0.150	-3.5873	-3.2007	-8.6080	1.400	0.2567	0.1752	0.1761
0.175	-3.5264	-3.2161	-8.3662	1.425	0.2342	0.1564	0.1677
0.200	-3.4611	-3.2317	-8.1143	1.450	0.2076	0.1418	0.1521
0.225	-3.3929	-3.2466	-7.8563	1.475	0.1878	0.1294	0.1468
0.250	-3.3222	-3.2595	-7.5951	1.500	0.1707	0.1177	0.1380
0.275	-3.2504	-3.2675	-7.3325	1.525	0.1517	0.1069	0.1300
0.300	-3.1775	-3.2700	-7.0710	1.550	0.1387	0.0982	0.1233
0.325	-3.1046	-3.2645	-6.8112	1.575	0.1215	0.0877	0.1144
0.350	-3.0315	-3.2514	-6.5539	1.600	0.1065	0.0824	0.1083
0.375	-2.9591	-3.2275	-6.2994	1.625	0.0909	0.0737	0.1020
0.400	-2.8870	-3.1953	-6.0490	1.650	0.0914	0.0655	0.0934
0.425	-2.8162	-3.1541	-5.8026	1.675	0.0852	0.0621	0.0899
0.450	-2.7458	-3.1058	-5.5604	1.700	0.0724	0.0584	0.0870
0.475	-2.6771	-3.0493	-5.3225	1.725	0.0653	0.0528	0.0818
0.500	-2.6090	-2.9877	-5.0895	1.750	0.0610	0.0485	0.0773
0.525	-2.5428	-2.9210	-4.8613	1.775	0.0551	0.0449	0.0707
0.550	-2.4772	-2.8507	-4.6380	1.800	0.0473	0.0409	0.0665
0.575	-2.4135	-2.7766	-4.4195	1.825	0.0465	0.0371	0.0625
0.600	-2.3506	-2.7005	-4.2065	1.850	0.0475	0.0323	0.0603
0.625	-2.2897	-2.6226	-3.9989	1.875	0.0399	0.0311	0.0592
0.650	-2.2295	-2.5437	-3.7967	1.900	0.0389	0.0284	0.0564
0.675	-2.1714	-2.4639	-3.5999	1.925	0.0304	0.0282	0.0520
0.700	-2.1140	-2.3840	-3.4092	1.950	0.0339	0.0257	0.0510
0.725	-2.0587	-2.3045	-3.2244	1.975	0.0282	0.0231	0.0485
0.750	-2.0041	-2.2254	-3.0456	2.000	0.0224	0.0224	0.0485
0.775	-1.9516	-2.1471	-2.8729	2.025	0.0210	0.0217	0.0446
0.800	-1.8998	-2.0701	-2.7065	2.050	0.0189	0.0203	0.0406
0.825	-1.8502	-1.9936	-2.5430	2.075	0.0186	0.0190	0.0384
0.850	-1.8009	-1.9154	-2.3586	2.100	0.0159	0.0173	0.0337
0.875	-1.7441	-1.7913	-2.0936	2.125	0.0142	0.0155	0.0336
0.900	-1.6387	-1.6101	-1.7033	2.150	0.0162	0.0128	0.0308
0.925	-1.4098	-1.2663	-1.2247	2.175	0.0116	0.0114	0.0266
0.950	-1.0214	-.8617	-.7534	2.200	0.0113	0.0116	0.0249
0.975	-.5313	-.4450	-.3503	2.225	0.0084	0.0115	0.0218
1.000	-.0437	-.0719	-.0570	2.250	0.0100	0.0104	0.0200
1.025	0.3406	0.1709	0.1425	2.275	0.0088	0.0083	0.0204
1.050	0.5962	0.3491	0.2511	2.300	0.0040	0.0086	0.0170
1.075	0.7569	0.4301	0.3125	2.325	0.0081	0.0083	0.0169
1.100	0.8118	0.4726	0.3355	2.350	0.0099	0.0085	0.0161
1.125	0.8154	0.4697	0.3359	2.375	0.0037	0.0067	0.0138
1.150	0.7703	0.4496	0.3228	2.400	0.0114	0.0079	0.0117
1.175	0.7401	0.4248	0.3091	2.425	0.0098	0.0065	0.0099
1.200	0.6614	0.3908	0.2891	2.450	0.0061	0.0075	0.0103
1.225	0.5899	0.3553	0.2721	2.475	0.0070	0.0050	0.0086
1.250	0.5406	0.3185	0.2586	2.500	0.0058	0.0044	0.0069

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.190 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.5954	-2.6935	-8.7676	1.275	0.4428	0.2843	0.2367
0.050	-3.5735	-2.6974	-8.6809	1.300	0.4063	0.2610	0.2248
0.075	-3.5405	-2.7059	-8.5450	1.325	0.3573	0.2323	0.2123
0.100	-3.4950	-2.7174	-8.3698	1.350	0.3223	0.2112	0.2009
0.125	-3.4418	-2.7321	-8.1655	1.375	0.2863	0.1911	0.1871
0.150	-3.3802	-2.7496	-7.9406	1.400	0.2568	0.1726	0.1748
0.175	-3.3146	-2.7700	-7.7021	1.425	0.2253	0.1579	0.1631
0.200	-3.2441	-2.7919	-7.4560	1.450	0.2048	0.1442	0.1563
0.225	-3.1722	-2.8144	-7.2057	1.475	0.1836	0.1327	0.1458
0.250	-3.0977	-2.8362	-6.9539	1.500	0.1620	0.1196	0.1325
0.275	-3.0237	-2.8548	-6.7025	1.525	0.1455	0.1103	0.1272
0.300	-2.9486	-2.8686	-6.4534	1.550	0.1305	0.1025	0.1195
0.325	-2.8749	-2.8748	-6.2071	1.575	0.1193	0.0912	0.1168
0.350	-2.8010	-2.8734	-5.9644	1.600	0.1064	0.0824	0.1068
0.375	-2.7290	-2.8612	-5.7255	1.625	0.1000	0.0780	0.1041
0.400	-2.6574	-2.8405	-5.4913	1.650	0.0909	0.0709	0.0960
0.425	-2.5877	-2.8100	-5.2616	1.675	0.0821	0.0663	0.0885
0.450	-2.5189	-2.7721	-5.0365	1.700	0.0725	0.0607	0.0870
0.475	-2.4521	-2.7260	-4.8162	1.725	0.0678	0.0561	0.0773
0.500	-2.3864	-2.6743	-4.6011	1.750	0.0614	0.0543	0.0786
0.525	-2.3226	-2.6172	-4.3910	1.775	0.0538	0.0496	0.0736
0.550	-2.2600	-2.5563	-4.1860	1.800	0.0481	0.0479	0.0681
0.575	-2.1993	-2.4915	-3.9859	1.825	0.0447	0.0431	0.0674
0.600	-2.1399	-2.4245	-3.7913	1.850	0.0412	0.0405	0.0600
0.625	-2.0822	-2.3557	-3.6020	1.875	0.0393	0.0380	0.0595
0.650	-2.0259	-2.2856	-3.4179	1.900	0.0334	0.0340	0.0555
0.675	-1.9713	-2.2146	-3.2391	1.925	0.0353	0.0322	0.0504
0.700	-1.9181	-2.1435	-3.0659	1.950	0.0333	0.0290	0.0482
0.725	-1.8664	-2.0726	-2.8983	1.975	0.0252	0.0275	0.0437
0.750	-1.8162	-2.0020	-2.7365	2.000	0.0231	0.0251	0.0369
0.775	-1.7676	-1.9323	-2.5802	2.025	0.0211	0.0235	0.0416
0.800	-1.7204	-1.8636	-2.4298	2.050	0.0214	0.0227	0.0354
0.825	-1.6747	-1.7955	-2.2826	2.075	0.0181	0.0232	0.0325
0.850	-1.6300	-1.7260	-2.1175	2.100	0.0179	0.0222	0.0336
0.875	-1.5796	-1.6157	-1.8856	2.125	0.0147	0.0196	0.0301
0.900	-1.4864	-1.4520	-1.5460	2.150	0.0148	0.0170	0.0282
0.925	-1.2772	-1.1457	-1.1260	2.175	0.0128	0.0174	0.0242
0.950	-.9272	-.7789	-.6975	2.200	0.0124	0.0178	0.0247
0.975	-.4810	-.4055	-.3471	2.225	0.0137	0.0150	0.0237
1.000	-.0427	-.0738	-.0775	2.250	0.0108	0.0150	0.0201
1.025	0.3095	0.1531	0.0970	2.275	0.0130	0.0125	0.0221
1.050	0.5460	0.3160	0.2050	2.300	0.0100	0.0125	0.0178
1.075	0.6951	0.3957	0.2681	2.325	0.0062	0.0099	0.0162
1.100	0.7507	0.4403	0.2969	2.350	0.0057	0.0105	0.0148
1.125	0.7526	0.4401	0.3078	2.375	0.0028	0.0088	0.0130
1.150	0.7263	0.4290	0.3046	2.400	0.0043	0.0078	0.0123
1.175	0.6767	0.4001	0.2974	2.425	0.0032	0.0080	0.0086
1.200	0.6184	0.3694	0.2861	2.450	0.0025	0.0073	0.0083
1.225	0.5587	0.3421	0.2681	2.475	0.0014	0.0061	0.0101
1.250	0.5014	0.3134	0.2487	2.500	0.0022	0.0072	0.0075

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.247 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.3568	-2.2645	-7.9013	1.275	0.4234	0.2661	0.1953
0.050	-3.3343	-2.2691	-7.8153	1.300	0.3784	0.2413	0.1771
0.075	-3.2988	-2.2784	-7.6808	1.325	0.3402	0.2199	0.1645
0.100	-3.2518	-2.2910	-7.5085	1.350	0.3046	0.1941	0.1476
0.125	-3.1958	-2.3075	-7.3090	1.375	0.2746	0.1802	0.1385
0.150	-3.1329	-2.3273	-7.0913	1.400	0.2451	0.1598	0.1324
0.175	-3.0652	-2.3508	-6.8623	1.425	0.2189	0.1464	0.1216
0.200	-2.9941	-2.3768	-6.6279	1.450	0.1995	0.1325	0.1131
0.225	-2.9212	-2.4045	-6.3913	1.475	0.1801	0.1199	0.1077
0.250	-2.8473	-2.4324	-6.1551	1.500	0.1607	0.1113	0.0950
0.275	-2.7734	-2.4582	-5.9208	1.525	0.1455	0.0996	0.0883
0.300	-2.7000	-2.4801	-5.6901	1.550	0.1324	0.0909	0.0786
0.325	-2.6274	-2.4949	-5.4635	1.575	0.1182	0.0824	0.0763
0.350	-2.5560	-2.5024	-5.2414	1.600	0.1086	0.0749	0.0695
0.375	-2.4860	-2.4994	-5.0240	1.625	0.0979	0.0679	0.0664
0.400	-2.4176	-2.4879	-4.8120	1.650	0.0902	0.0601	0.0666
0.425	-2.3508	-2.4666	-4.6051	1.675	0.0791	0.0558	0.0534
0.450	-2.2856	-2.4377	-4.4032	1.700	0.0704	0.0509	0.0555
0.475	-2.2222	-2.4006	-4.2064	1.725	0.0645	0.0463	0.0466
0.500	-2.1605	-2.3581	-4.0151	1.750	0.0590	0.0432	0.0473
0.525	-2.1005	-2.3100	-3.8289	1.775	0.0546	0.0393	0.0453
0.550	-2.0421	-2.2582	-3.6478	1.800	0.0509	0.0335	0.0486
0.575	-1.9854	-2.2026	-3.4716	1.825	0.0452	0.0313	0.0457
0.600	-1.9304	-2.1449	-3.3009	1.850	0.0392	0.0311	0.0358
0.625	-1.8770	-2.0852	-3.1352	1.875	0.0374	0.0277	0.0390
0.650	-1.8252	-2.0244	-2.9746	1.900	0.0343	0.0265	0.0390
0.675	-1.7750	-1.9626	-2.8190	1.925	0.0299	0.0232	0.0340
0.700	-1.7264	-1.9007	-2.6685	1.950	0.0279	0.0227	0.0300
0.725	-1.6793	-1.8388	-2.5232	1.975	0.0241	0.0186	0.0295
0.750	-1.6337	-1.7773	-2.3832	2.000	0.0256	0.0161	0.0256
0.775	-1.5897	-1.7166	-2.2483	2.025	0.0231	0.0152	0.0221
0.800	-1.5471	-1.6567	-2.1185	2.050	0.0212	0.0140	0.0209
0.825	-1.5060	-1.5975	-1.9923	2.075	0.0181	0.0136	0.0201
0.850	-1.4660	-1.5369	-1.8518	2.100	0.0168	0.0124	0.0173
0.875	-1.4213	-1.4409	-1.6562	2.125	0.0154	0.0112	0.0145
0.900	-1.3377	-1.2981	-1.3663	2.150	0.0128	0.0082	0.0101
0.925	-1.1532	-1.0262	-1.0002	2.175	0.0127	0.0074	0.0108
0.950	-.8380	-.7020	-.6557	2.200	0.0100	0.0068	0.0126
0.975	-.4348	-.3689	-.3346	2.225	0.0109	0.0062	0.0102
1.000	-.0382	-.0637	-.0927	2.250	0.0077	0.0055	0.0102
1.025	0.2784	0.1377	0.0567	2.275	0.0062	0.0063	0.0088
1.050	0.5033	0.2871	0.1582	2.300	0.0065	0.0055	0.0097
1.075	0.6250	0.3629	0.2129	2.325	0.0040	0.0033	0.0046
1.100	0.6804	0.4082	0.2392	2.350	0.0028	0.0041	0.0005
1.125	0.6875	0.4029	0.2590	2.375	0.0038	0.0027	0.0006
1.150	0.6629	0.3958	0.2515	2.400	0.0014	0.0030	0.0083
1.175	0.6203	0.3730	0.2442	2.425	0.0023	0.0026	0.0055
1.200	0.5699	0.3454	0.2257	2.450	-.0003	0.0028	0.0068
1.225	0.5197	0.3176	0.2119	2.475	0.0005	0.0022	0.0098
1.250	0.4688	0.2926	0.2135	2.500	0.0014	0.0024	0.0095

DIRECT CORRELATION FUNCTIONS FOR $T^* = 2.0$

$\sigma_{22}/\sigma_{11} = 2.00$ $\rho^* = 0.274$ $x_1 = 0.9502$ $\epsilon_{22}/\epsilon_{11} = 0.50$

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.2410	-2.0849	-7.4945	1.275	0.4087	0.2615	0.2493
0.050	-3.2179	-2.0900	-7.4099	1.300	0.3683	0.2358	0.2323
0.075	-3.1825	-2.0997	-7.2778	1.325	0.3290	0.2124	0.2190
0.100	-3.1348	-2.1128	-7.1090	1.350	0.2976	0.1933	0.2132
0.125	-3.0790	-2.1301	-6.9140	1.375	0.2646	0.1752	0.1917
0.150	-3.0155	-2.1508	-6.7014	1.400	0.2400	0.1577	0.1779
0.175	-2.9481	-2.1756	-6.4783	1.425	0.2153	0.1428	0.1738
0.200	-2.8769	-2.2029	-6.2502	1.450	0.1916	0.1305	0.1615
0.225	-2.8046	-2.2325	-6.0204	1.475	0.1737	0.1189	0.1467
0.250	-2.7310	-2.2626	-5.7914	1.500	0.1574	0.1093	0.1370
0.275	-2.6581	-2.2909	-5.5647	1.525	0.1415	0.0995	0.1378
0.300	-2.5853	-2.3157	-5.3420	1.550	0.1272	0.0912	0.1184
0.325	-2.5141	-2.3335	-5.1238	1.575	0.1138	0.0798	0.1134
0.350	-2.4438	-2.3442	-4.9103	1.600	0.1048	0.0733	0.1142
0.375	-2.3755	-2.3446	-4.7018	1.625	0.0934	0.0684	0.1052
0.400	-2.3083	-2.3368	-4.4988	1.650	0.0857	0.0619	0.0838
0.425	-2.2434	-2.3191	-4.3011	1.675	0.0762	0.0560	0.0901
0.450	-2.1798	-2.2940	-4.1085	1.700	0.0702	0.0508	0.0779
0.475	-2.1184	-2.2608	-3.9211	1.725	0.0617	0.0477	0.0736
0.500	-2.0584	-2.2222	-3.7392	1.750	0.0563	0.0455	0.0716
0.525	-2.0005	-2.1781	-3.5625	1.775	0.0519	0.0397	0.0742
0.550	-1.9441	-2.1302	-3.3908	1.800	0.0448	0.0385	0.0668
0.575	-1.8896	-2.0785	-3.2240	1.825	0.0433	0.0348	0.0662
0.600	-1.8366	-2.0248	-3.0624	1.850	0.0398	0.0309	0.0550
0.625	-1.7854	-1.9690	-2.9058	1.875	0.0348	0.0295	0.0515
0.650	-1.7357	-1.9120	-2.7541	1.900	0.0309	0.0261	0.0460
0.675	-1.6878	-1.8541	-2.6073	1.925	0.0300	0.0236	0.0465
0.700	-1.6413	-1.7959	-2.4655	1.950	0.0269	0.0214	0.0285
0.725	-1.5964	-1.7379	-2.3286	1.975	0.0248	0.0191	0.0423
0.750	-1.5530	-1.6800	-2.1969	2.000	0.0211	0.0171	0.0455
0.775	-1.5112	-1.6229	-2.0701	2.025	0.0199	0.0172	0.0394
0.800	-1.4708	-1.5667	-1.9485	2.050	0.0194	0.0170	0.0393
0.825	-1.4319	-1.5111	-1.8305	2.075	0.0155	0.0145	0.0388
0.850	-1.3942	-1.4545	-1.6978	2.100	0.0142	0.0133	0.0417
0.875	-1.3516	-1.3636	-1.5149	2.125	0.0131	0.0125	0.0412
0.900	-1.2730	-1.2286	-1.2362	2.150	0.0127	0.0105	0.0333
0.925	-1.0976	-.9704	-.8822	2.175	0.0101	0.0088	0.0352
0.950	-.7967	-.6714	-.5514	2.200	0.0090	0.0116	0.0330
0.975	-.4112	-.3496	-.2684	2.225	0.0075	0.0095	0.0326
1.000	-.0393	-.0649	-.0596	2.250	0.0083	0.0080	0.0397
1.025	0.2684	0.1269	0.1075	2.275	0.0059	0.0082	0.0320
1.050	0.4800	0.2721	0.2111	2.300	0.0042	0.0074	0.0240
1.075	0.5991	0.3433	0.2799	2.325	0.0045	0.0070	0.0186
1.100	0.6561	0.3828	0.3035	2.350	0.0040	0.0077	0.0157
1.125	0.6592	0.3866	0.3145	2.375	0.0035	0.0049	0.0179
1.150	0.6375	0.3787	0.3227	2.400	0.0025	0.0047	0.0258
1.175	0.5999	0.3573	0.2973	2.425	0.0022	0.0036	0.0190
1.200	0.5534	0.3355	0.2875	2.450	0.0014	0.0038	0.0274
1.225	0.5048	0.3106	0.2819	2.475	0.0005	0.0038	0.0222
1.250	0.4559	0.2844	0.2811	2.500	-.0001	0.0021	0.0192

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.098 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-5.1261	-4.4827	-15.4720	1.275	0.5398	0.4080	0.4074
0.050	-5.1016	-4.4786	-15.3301	1.300	0.4220	0.3628	0.3768
0.075	-5.0628	-4.4858	-15.1049	1.325	0.3772	0.3273	0.3501
0.100	-5.0109	-4.4976	-14.8120	1.350	0.4068	0.2928	0.3255
0.125	-4.9471	-4.5136	-14.4641	1.375	0.3064	0.2651	0.3046
0.150	-4.8728	-4.5325	-14.0772	1.400	0.2745	0.2422	0.2837
0.175	-4.7900	-4.5538	-13.6619	1.425	0.2634	0.2224	0.2650
0.200	-4.6998	-4.5755	-13.2300	1.450	0.2214	0.1967	0.2473
0.225	-4.6042	-4.5967	-12.7871	1.475	0.2040	0.1827	0.2298
0.250	-4.5041	-4.6155	-12.3393	1.500	0.2413	0.1647	0.2131
0.275	-4.4012	-4.6276	-11.8889	1.525	0.2161	0.1509	0.1977
0.300	-4.2958	-4.6324	-11.4400	1.550	0.1707	0.1394	0.1833
0.325	-4.1895	-4.6266	-10.9951	1.575	0.1811	0.1236	0.1690
0.350	-4.0823	-4.6097	-10.5533	1.600	0.1783	0.1125	0.1563
0.375	-3.9752	-4.5764	-10.1169	1.625	0.1384	0.1042	0.1440
0.400	-3.8684	-4.5304	-9.6860	1.650	0.1014	0.0949	0.1326
0.425	-3.7625	-4.4701	-9.2620	1.675	0.1410	0.0886	0.1221
0.450	-3.6575	-4.3981	-8.8448	1.700	0.1269	0.0780	0.1145
0.475	-3.5539	-4.3117	-8.4344	1.725	0.0670	0.0729	0.1075
0.500	-3.4516	-4.2163	-8.0322	1.750	0.1165	0.0695	0.1020
0.525	-3.3510	-4.1119	-7.6379	1.775	0.0871	0.0619	0.0965
0.550	-3.2520	-4.0010	-7.2519	1.800	0.0796	0.0558	0.0926
0.575	-3.1548	-3.8828	-6.8742	1.825	0.0903	0.0482	0.0893
0.600	-3.0594	-3.7608	-6.5060	1.850	0.0728	0.0462	0.0843
0.625	-2.9659	-3.6356	-6.1470	1.875	0.0648	0.0388	0.0800
0.650	-2.8743	-3.5082	-5.7977	1.900	0.0708	0.0370	0.0755
0.675	-2.7847	-3.3787	-5.4579	1.925	0.1045	0.0355	0.0703
0.700	-2.6971	-3.2488	-5.1287	1.950	0.0610	0.0344	0.0656
0.725	-2.6115	-3.1193	-4.8099	1.975	0.0485	0.0303	0.0607
0.750	-2.5279	-2.9902	-4.5019	2.000	0.0052	0.0281	0.0564
0.775	-2.4464	-2.8622	-4.2043	2.025	0.0267	0.0286	0.0517
0.800	-2.3670	-2.7360	-3.9182	2.050	0.0524	0.0235	0.0468
0.825	-2.2897	-2.6120	-3.6435	2.075	0.0258	0.0261	0.0428
0.850	-2.2126	-2.4900	-3.3795	2.100	0.0383	0.0239	0.0385
0.875	-2.1319	-2.3501	-3.1130	2.125	0.0609	0.0224	0.0346
0.900	-2.0017	-2.1746	-2.7846	2.150	0.0236	0.0222	0.0319
0.925	-1.6926	-1.8175	-2.2970	2.175	0.0300	0.0195	0.0287
0.950	-1.2610	-1.3435	-1.6366	2.200	0.0376	0.0184	0.0259
0.975	-.5873	-.7563	-.9170	2.225	0.0061	0.0145	0.0233
1.000	-.0932	-.1940	-.2927	2.250	0.0100	0.0138	0.0218
1.025	0.2956	0.2125	0.1668	2.275	0.0046	0.0118	0.0191
1.050	0.4997	0.5070	0.4470	2.300	0.0123	0.0113	0.0184
1.075	0.6988	0.6452	0.5895	2.325	-.0067	0.0100	0.0157
1.100	0.7502	0.7263	0.6426	2.350	0.0127	0.0061	0.0134
1.125	0.7965	0.7131	0.6379	2.375	-.0062	0.0052	0.0121
1.150	0.7640	0.6787	0.6064	2.400	-.0070	0.0022	0.0107
1.175	0.7461	0.6230	0.5647	2.425	-.0037	0.0015	0.0087
1.200	0.6750	0.5659	0.5201	2.450	-.0172	0.0012	0.0078
1.225	0.5686	0.5098	0.4790	2.475	-.0010	-.0002	0.0059
1.250	0.4173	0.4549	0.4407	2.500	-.0168	0.0054	0.0048

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.102 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-5.1126	-4.4324	-15.4170	1.275	0.4762	0.4070	0.4354
0.050	-5.0863	-4.4263	-15.2741	1.300	0.4482	0.3679	0.4055
0.075	-5.0474	-4.4334	-15.0479	1.325	0.4331	0.3251	0.3792
0.100	-4.9940	-4.4454	-14.7530	1.350	0.3544	0.2935	0.3545
0.125	-4.9296	-4.4619	-14.4041	1.375	0.2914	0.2665	0.3325
0.150	-4.8539	-4.4814	-14.0162	1.400	0.2831	0.2403	0.3107
0.175	-4.7704	-4.5034	-13.5999	1.425	0.2582	0.2212	0.2914
0.200	-4.6789	-4.5262	-13.1670	1.450	0.2462	0.2051	0.2730
0.225	-4.5828	-4.5485	-12.7231	1.475	0.1631	0.1853	0.2545
0.250	-4.4817	-4.5685	-12.2753	1.500	0.1831	0.1696	0.2381
0.275	-4.3783	-4.5821	-11.8249	1.525	0.1526	0.1548	0.2233
0.300	-4.2722	-4.5885	-11.3760	1.550	0.1432	0.1417	0.2070
0.325	-4.1655	-4.5842	-10.9301	1.575	0.1583	0.1279	0.1938
0.350	-4.0577	-4.5691	-10.4893	1.600	0.1325	0.1219	0.1782
0.375	-3.9505	-4.5373	-10.0529	1.625	0.1092	0.1100	0.1662
0.400	-3.8433	-4.4928	-9.6228	1.650	0.1034	0.1019	0.1547
0.425	-3.7374	-4.4339	-9.1992	1.675	0.0772	0.0930	0.1445
0.450	-3.6322	-4.3630	-8.7826	1.700	0.0691	0.0835	0.1353
0.475	-3.5287	-4.2777	-8.3729	1.725	0.0666	0.0763	0.1279
0.500	-3.4265	-4.1834	-7.9713	1.750	0.0711	0.0717	0.1213
0.525	-3.3261	-4.0801	-7.5778	1.775	0.0508	0.0641	0.1157
0.550	-3.2274	-3.9702	-7.1927	1.800	0.0727	0.0584	0.1101
0.575	-3.1305	-3.8529	-6.8159	1.825	0.0724	0.0523	0.1054
0.600	-3.0355	-3.7318	-6.4485	1.850	0.0366	0.0460	0.0992
0.625	-2.9424	-3.6075	-6.0904	1.875	0.0576	0.0439	0.0939
0.650	-2.8513	-3.4809	-5.7420	1.900	0.0579	0.0376	0.0897
0.675	-2.7622	-3.3523	-5.4032	1.925	0.0573	0.0366	0.0839
0.700	-2.6752	-3.2233	-5.0749	1.950	0.0514	0.0339	0.0775
0.725	-2.5900	-3.0945	-4.7571	1.975	0.0362	0.0339	0.0732
0.750	-2.5072	-2.9663	-4.4499	2.000	0.0307	0.0324	0.0683
0.775	-2.4261	-2.8391	-4.1532	2.025	0.0366	0.0293	0.0623
0.800	-2.3475	-2.7136	-3.8680	2.050	0.0232	0.0266	0.0572
0.825	-2.2707	-2.5904	-3.5941	2.075	0.0371	0.0273	0.0524
0.850	-2.1955	-2.4691	-3.3309	2.100	0.0385	0.0268	0.0483
0.875	-2.1110	-2.3306	-3.0654	2.125	0.0408	0.0253	0.0433
0.900	-1.9698	-2.1563	-2.7391	2.150	0.0163	0.0245	0.0401
0.925	-1.6814	-1.7993	-2.2549	2.175	0.0382	0.0227	0.0365
0.950	-1.2124	-1.3281	-1.6009	2.200	0.0146	0.0188	0.0329
0.975	-.6431	-.7399	-.8877	2.225	0.0110	0.0172	0.0297
1.000	-.1020	-.1807	-.2636	2.250	0.0156	0.0161	0.0265
1.025	0.3532	0.2176	0.1884	2.275	-.0108	0.0138	0.0243
1.050	0.7149	0.5196	0.4734	2.300	0.0253	0.0130	0.0223
1.075	0.8549	0.6471	0.6150	2.325	0.0005	0.0107	0.0191
1.100	0.8960	0.7136	0.6688	2.350	-.0115	0.0118	0.0172
1.125	0.8117	0.7111	0.6647	2.375	0.0142	0.0098	0.0157
1.150	0.8592	0.6864	0.6360	2.400	0.0230	0.0077	0.0139
1.175	0.7574	0.6310	0.5937	2.425	0.0128	0.0069	0.0124
1.200	0.7351	0.5745	0.5516	2.450	0.0165	0.0078	0.0108
1.225	0.6671	0.5075	0.5084	2.475	0.0132	0.0056	0.0084
1.250	0.5452	0.4550	0.4699	2.500	0.0134	0.0049	0.0066

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.117 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-5.1426	-4.4052	-15.5940	1.275	0.4221	0.4304	0.5054
0.050	-5.1153	-4.3998	-15.4461	1.300	0.3940	0.3858	0.4748
0.075	-5.0745	-4.4071	-15.2099	1.325	0.3526	0.3486	0.4495
0.100	-5.0181	-4.4190	-14.9040	1.350	0.2848	0.3158	0.4245
0.125	-4.9506	-4.4353	-14.5431	1.375	0.2532	0.2897	0.3998
0.150	-4.8712	-4.4548	-14.1432	1.400	0.2480	0.2626	0.3801
0.175	-4.7843	-4.4770	-13.7159	1.425	0.2239	0.2421	0.3598
0.200	-4.6894	-4.5004	-13.2720	1.450	0.2001	0.2227	0.3390
0.225	-4.5902	-4.5235	-12.8181	1.475	0.1744	0.2061	0.3189
0.250	-4.4863	-4.5449	-12.3593	1.500	0.1549	0.1894	0.3030
0.275	-4.3804	-4.5603	-11.8989	1.525	0.1373	0.1718	0.2871
0.300	-4.2721	-4.5686	-11.4410	1.550	0.1214	0.1591	0.2713
0.325	-4.1634	-4.5663	-10.9871	1.575	0.1177	0.1479	0.2576
0.350	-4.0540	-4.5528	-10.5373	1.600	0.1101	0.1385	0.2441
0.375	-3.9450	-4.5223	-10.0919	1.625	0.0985	0.1266	0.2289
0.400	-3.8366	-4.4787	-9.6541	1.650	0.1027	0.1185	0.2165
0.425	-3.7292	-4.4200	-9.2229	1.675	0.0645	0.1094	0.2033
0.450	-3.6230	-4.3490	-8.7990	1.700	0.0670	0.1021	0.1909
0.475	-3.5181	-4.2634	-8.3823	1.725	0.0614	0.0935	0.1821
0.500	-3.4150	-4.1683	-7.9740	1.750	0.0653	0.0874	0.1729
0.525	-3.3134	-4.0639	-7.5741	1.775	0.0628	0.0782	0.1639
0.550	-3.2138	-3.9528	-7.1828	1.800	0.0519	0.0729	0.1584
0.575	-3.1158	-3.8342	-6.8000	1.825	0.0521	0.0666	0.1486
0.600	-3.0201	-3.7117	-6.4269	1.850	0.0532	0.0613	0.1402
0.625	-2.9260	-3.5859	-6.0632	1.875	0.0344	0.0565	0.1332
0.650	-2.8342	-3.4578	-5.7093	1.900	0.0529	0.0512	0.1252
0.675	-2.7441	-3.3277	-5.3651	1.925	0.0401	0.0468	0.1184
0.700	-2.6566	-3.1972	-5.0315	1.950	0.0314	0.0436	0.1113
0.725	-2.5706	-3.0670	-4.7086	1.975	0.0285	0.0402	0.1034
0.750	-2.4873	-2.9374	-4.3964	2.000	0.0309	0.0396	0.0957
0.775	-2.4055	-2.8090	-4.0950	2.025	0.0332	0.0383	0.0912
0.800	-2.3265	-2.6823	-3.8052	2.050	0.0371	0.0358	0.0845
0.825	-2.2490	-2.5580	-3.5271	2.075	0.0373	0.0359	0.0768
0.850	-2.1739	-2.4355	-3.2600	2.100	0.0283	0.0345	0.0704
0.875	-2.0905	-2.2967	-2.9914	2.125	0.0203	0.0322	0.0637
0.900	-1.9526	-2.1227	-2.6629	2.150	0.0286	0.0284	0.0575
0.925	-1.6742	-1.7702	-2.1815	2.175	0.0209	0.0279	0.0560
0.950	-1.1979	-1.3040	-1.5365	2.200	0.0129	0.0239	0.0501
0.975	-.6578	-.7280	-.8298	2.225	0.0129	0.0247	0.0461
1.000	-.1052	-.1779	-.2191	2.250	0.0259	0.0232	0.0420
1.025	0.2944	0.2240	0.2288	2.275	0.0180	0.0197	0.0383
1.050	0.6209	0.5267	0.5169	2.300	0.0133	0.0162	0.0338
1.075	0.7474	0.6574	0.6577	2.325	0.0204	0.0165	0.0306
1.100	0.8498	0.7264	0.7164	2.350	0.0143	0.0151	0.0274
1.125	0.8164	0.7225	0.7171	2.375	0.0023	0.0122	0.0224
1.150	0.7551	0.6874	0.6929	2.400	0.0045	0.0090	0.0203
1.175	0.6587	0.6349	0.6565	2.425	0.0116	0.0078	0.0176
1.200	0.6244	0.5833	0.6134	2.450	0.0044	0.0076	0.0157
1.225	0.5465	0.5282	0.5754	2.475	0.0042	0.0089	0.0127
1.250	0.4828	0.4718	0.5378	2.500	0.0055	0.0086	0.0097

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.153 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-5.0270	-4.0743	-15.1140	1.275	0.4620	0.4176	0.5015
0.050	-4.9989	-4.0729	-14.9591	1.300	0.4069	0.3757	0.4706
0.075	-4.9542	-4.0823	-14.7149	1.325	0.3538	0.3383	0.4384
0.100	-4.8940	-4.0964	-14.4000	1.350	0.3224	0.3043	0.4198
0.125	-4.8213	-4.1152	-14.0311	1.375	0.2751	0.2765	0.3915
0.150	-4.7376	-4.1376	-13.6252	1.400	0.2553	0.2520	0.3708
0.175	-4.6460	-4.1639	-13.1949	1.425	0.2153	0.2314	0.3468
0.200	-4.5473	-4.1921	-12.7500	1.450	0.1975	0.2122	0.3278
0.225	-4.4444	-4.2211	-12.2971	1.475	0.1750	0.1941	0.3089
0.250	-4.3376	-4.2493	-11.8423	1.500	0.1645	0.1767	0.2921
0.275	-4.2292	-4.2729	-11.3879	1.525	0.1423	0.1653	0.2742
0.300	-4.1190	-4.2903	-10.9360	1.550	0.1310	0.1501	0.2564
0.325	-4.0091	-4.2972	-10.4901	1.575	0.1076	0.1383	0.2449
0.350	-3.8985	-4.2930	-10.0493	1.600	0.0990	0.1289	0.2278
0.375	-3.7895	-4.2720	-9.6151	1.625	0.0902	0.1180	0.2191
0.400	-3.6807	-4.2374	-9.1885	1.650	0.0780	0.1094	0.2058
0.425	-3.5740	-4.1869	-8.7696	1.675	0.0767	0.1009	0.1928
0.450	-3.4681	-4.1237	-8.3587	1.700	0.0651	0.0935	0.1819
0.475	-3.3647	-4.0456	-7.9558	1.725	0.0661	0.0886	0.1697
0.500	-3.2624	-3.9578	-7.5618	1.750	0.0564	0.0837	0.1636
0.525	-3.1627	-3.8602	-7.1766	1.775	0.0469	0.0765	0.1542
0.550	-3.0645	-3.7557	-6.8003	1.800	0.0366	0.0703	0.1473
0.575	-2.9688	-3.6437	-6.4328	1.825	0.0417	0.0649	0.1402
0.600	-2.8748	-3.5277	-6.0751	1.850	0.0370	0.0618	0.1327
0.625	-2.7834	-3.4080	-5.7270	1.875	0.0377	0.0560	0.1250
0.650	-2.6938	-3.2862	-5.3886	1.900	0.0357	0.0526	0.1190
0.675	-2.6066	-3.1622	-5.0598	1.925	0.0222	0.0503	0.1093
0.700	-2.5215	-3.0378	-4.7415	1.950	0.0283	0.0459	0.1040
0.725	-2.4387	-2.9135	-4.4336	1.975	0.0240	0.0426	0.0983
0.750	-2.3580	-2.7899	-4.1362	2.000	0.0199	0.0398	0.0902
0.775	-2.2796	-2.6672	-3.8493	2.025	0.0247	0.0368	0.0863
0.800	-2.2035	-2.5464	-3.5737	2.050	0.0209	0.0341	0.0808
0.825	-2.1295	-2.4280	-3.3093	2.075	0.0152	0.0345	0.0724
0.850	-2.0573	-2.3116	-3.0557	2.100	0.0169	0.0330	0.0658
0.875	-1.9782	-2.1793	-2.8015	2.125	0.0092	0.0307	0.0602
0.900	-1.8506	-2.0134	-2.4938	2.150	0.0122	0.0287	0.0581
0.925	-1.5827	-1.6796	-2.0496	2.175	0.0096	0.0273	0.0510
0.950	-1.1405	-1.2343	-1.4408	2.200	0.0089	0.0250	0.0465
0.975	-.5996	-.6926	-.7899	2.225	0.0121	0.0239	0.0407
1.000	-.0778	-.1636	-.2135	2.250	0.0107	0.0232	0.0388
1.025	0.3287	0.2105	0.2053	2.275	0.0063	0.0201	0.0345
1.050	0.5910	0.5008	0.4795	2.300	0.0030	0.0209	0.0311
1.075	0.7499	0.6311	0.6255	2.325	0.0072	0.0176	0.0281
1.100	0.7915	0.7020	0.6809	2.350	0.0002	0.0146	0.0232
1.125	0.7861	0.6984	0.6930	2.375	0.0022	0.0146	0.0190
1.150	0.7575	0.6684	0.6793	2.400	0.0028	0.0132	0.0189
1.175	0.7037	0.6194	0.6425	2.425	0.0021	0.0123	0.0178
1.200	0.6324	0.5663	0.6043	2.450	0.0006	0.0131	0.0157
1.225	0.5762	0.5173	0.5699	2.475	0.0055	0.0112	0.0126
1.250	0.5110	0.4640	0.5338	2.500	0.0048	0.0100	0.0113

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.218 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.6827	-3.4731	-13.6460	1.275	0.4436	0.4085	0.4621
0.050	-4.6538	-3.4770	-13.4911	1.300	0.3941	0.3650	0.4306
0.075	-4.6053	-3.4879	-13.2479	1.325	0.3487	0.3346	0.3998
0.100	-4.5424	-3.5032	-12.9370	1.350	0.3180	0.2998	0.3725
0.125	-4.4656	-3.5234	-12.5771	1.375	0.2828	0.2726	0.3467
0.150	-4.3796	-3.5476	-12.1842	1.400	0.2553	0.2459	0.3253
0.175	-4.2852	-3.5766	-11.7719	1.425	0.2304	0.2242	0.3072
0.200	-4.1859	-3.6084	-11.3490	1.450	0.2052	0.2044	0.2847
0.225	-4.0826	-3.6428	-10.9221	1.475	0.1919	0.1851	0.2639
0.250	-3.9771	-3.6777	-10.4963	1.500	0.1691	0.1690	0.2504
0.275	-3.8705	-3.7102	-10.0729	1.525	0.1496	0.1550	0.2332
0.300	-3.7636	-3.7377	-9.6557	1.550	0.1398	0.1414	0.2170
0.325	-3.6573	-3.7560	-9.2449	1.575	0.1217	0.1327	0.2069
0.350	-3.5516	-3.7638	-8.8418	1.600	0.1102	0.1207	0.1957
0.375	-3.4476	-3.7555	-8.4464	1.625	0.1040	0.1110	0.1833
0.400	-3.3447	-3.7339	-8.0599	1.650	0.0915	0.1046	0.1732
0.425	-3.2440	-3.6962	-7.6823	1.675	0.0828	0.0981	0.1618
0.450	-3.1447	-3.6459	-7.3135	1.700	0.0759	0.0902	0.1514
0.475	-3.0479	-3.5811	-6.9532	1.725	0.0697	0.0817	0.1380
0.500	-2.9526	-3.5068	-6.6022	1.750	0.0630	0.0743	0.1339
0.525	-2.8600	-3.4226	-6.2602	1.775	0.0584	0.0700	0.1273
0.550	-2.7690	-3.3317	-5.9271	1.800	0.0570	0.0674	0.1149
0.575	-2.6807	-3.2338	-5.6026	1.825	0.0489	0.0620	0.1086
0.600	-2.5941	-3.1318	-5.2876	1.850	0.0475	0.0590	0.0993
0.625	-2.5103	-3.0262	-4.9816	1.875	0.0413	0.0545	0.0942
0.650	-2.4280	-2.9185	-4.6848	1.900	0.0366	0.0529	0.0843
0.675	-2.3485	-2.8088	-4.3966	1.925	0.0346	0.0479	0.0781
0.700	-2.2707	-2.6987	-4.1181	1.950	0.0340	0.0460	0.0765
0.725	-2.1957	-2.5885	-3.8488	1.975	0.0295	0.0423	0.0676
0.750	-2.1223	-2.4790	-3.5890	2.000	0.0281	0.0403	0.0618
0.775	-2.0517	-2.3705	-3.3384	2.025	0.0263	0.0365	0.0568
0.800	-1.9827	-2.2636	-3.0980	2.050	0.0200	0.0342	0.0537
0.825	-1.9165	-2.1589	-2.8677	2.075	0.0202	0.0300	0.0491
0.850	-1.8514	-2.0563	-2.6469	2.100	0.0188	0.0261	0.0431
0.875	-1.7813	-1.9397	-2.4260	2.125	0.0173	0.0275	0.0403
0.900	-1.6638	-1.7940	-2.1637	2.150	0.0149	0.0272	0.0378
0.925	-1.4272	-1.4983	-1.7852	2.175	0.0150	0.0243	0.0372
0.950	-1.0354	-1.1093	-1.2792	2.200	0.0143	0.0221	0.0336
0.975	-.5461	-.6175	-.7198	2.225	0.0080	0.0202	0.0305
1.000	-.0745	-.1472	-.2272	2.250	0.0103	0.0191	0.0268
1.025	0.3005	0.1970	0.1334	2.275	0.0098	0.0183	0.0233
1.050	0.5560	0.4530	0.3849	2.300	0.0089	0.0165	0.0187
1.075	0.7013	0.5825	0.5234	2.325	0.0070	0.0150	0.0177
1.100	0.7427	0.6529	0.5937	2.350	0.0064	0.0151	0.0146
1.125	0.7553	0.6515	0.6075	2.375	0.0081	0.0133	0.0142
1.150	0.7164	0.6292	0.5991	2.400	0.0071	0.0117	0.0123
1.175	0.6694	0.5890	0.5781	2.425	0.0033	0.0112	0.0113
1.200	0.6073	0.5418	0.5472	2.450	0.0016	0.0110	0.0120
1.225	0.5565	0.4946	0.5139	2.475	0.0027	0.0081	0.0097
1.250	0.4986	0.4487	0.4895	2.500	0.0032	0.0076	0.0077

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.280 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.0262	-2.6946	-11.0140	1.275	0.4190	0.3912	0.4037
0.050	-3.9981	-2.6995	-10.8721	1.300	0.3736	0.3509	0.3744
0.075	-3.9528	-2.7104	-10.6509	1.325	0.3351	0.3187	0.3482
0.100	-3.8933	-2.7255	-10.3700	1.350	0.3009	0.2904	0.3188
0.125	-3.8220	-2.7456	-10.0491	1.375	0.2698	0.2627	0.2942
0.150	-3.7421	-2.7700	-9.7016	1.400	0.2401	0.2346	0.2738
0.175	-3.6556	-2.7994	-9.3399	1.425	0.2176	0.2166	0.2450
0.200	-3.5652	-2.8326	-8.9729	1.450	0.1956	0.1933	0.2287
0.225	-3.4720	-2.8693	-8.6057	1.475	0.1774	0.1764	0.2130
0.250	-3.3778	-2.9077	-8.2421	1.500	0.1606	0.1584	0.2018
0.275	-3.2831	-2.9454	-7.8841	1.525	0.1448	0.1452	0.1908
0.300	-3.1892	-2.9797	-7.5340	1.550	0.1336	0.1305	0.1745
0.325	-3.0961	-3.0065	-7.1921	1.575	0.1218	0.1203	0.1548
0.350	-3.0047	-3.0244	-6.8591	1.600	0.1079	0.1107	0.1453
0.375	-2.9147	-3.0283	-6.5349	1.625	0.0971	0.1000	0.1297
0.400	-2.8268	-3.0202	-6.2202	1.650	0.0877	0.0925	0.1221
0.425	-2.7408	-2.9974	-5.9148	1.675	0.0811	0.0842	0.1124
0.450	-2.6569	-2.9632	-5.6185	1.700	0.0727	0.0792	0.1088
0.475	-2.5750	-2.9162	-5.3307	1.725	0.0669	0.0720	0.1002
0.500	-2.4953	-2.8606	-5.0521	1.750	0.0618	0.0657	0.0947
0.525	-2.4177	-2.7961	-4.7820	1.775	0.0549	0.0614	0.0855
0.550	-2.3422	-2.7256	-4.5204	1.800	0.0507	0.0532	0.0857
0.575	-2.2687	-2.6490	-4.2666	1.825	0.0458	0.0499	0.0745
0.600	-2.1974	-2.5690	-4.0214	1.850	0.0430	0.0453	0.0675
0.625	-2.1281	-2.4856	-3.7843	1.875	0.0396	0.0420	0.0647
0.650	-2.0608	-2.4005	-3.5551	1.900	0.0362	0.0392	0.0549
0.675	-1.9955	-2.3137	-3.3337	1.925	0.0332	0.0361	0.0524
0.700	-1.9322	-2.2264	-3.1206	1.950	0.0303	0.0330	0.0474
0.725	-1.8709	-2.1392	-2.9154	1.975	0.0275	0.0311	0.0423
0.750	-1.8114	-2.0525	-2.7180	2.000	0.0263	0.0271	0.0402
0.775	-1.7541	-1.9666	-2.5284	2.025	0.0235	0.0247	0.0370
0.800	-1.6985	-1.8821	-2.3472	2.050	0.0219	0.0232	0.0336
0.825	-1.6450	-1.7995	-2.1742	2.075	0.0189	0.0214	0.0317
0.850	-1.5929	-1.7184	-2.0090	2.100	0.0163	0.0216	0.0266
0.875	-1.5360	-1.6261	-1.8445	2.125	0.0163	0.0183	0.0244
0.900	-1.4388	-1.5090	-1.6523	2.150	0.0143	0.0164	0.0332
0.925	-1.2352	-1.2623	-1.3698	2.175	0.0132	0.0148	0.0259
0.950	-.8953	-.9323	-.9927	2.200	0.0106	0.0150	0.0208
0.975	-.4732	-.5111	-.5680	2.225	0.0105	0.0135	0.0192
1.000	-.0593	-.1062	-.1790	2.250	0.0097	0.0108	0.0185
1.025	0.2767	0.1997	0.1304	2.275	0.0080	0.0111	0.0180
1.050	0.5061	0.4324	0.3262	2.300	0.0077	0.0099	0.0180
1.075	0.6317	0.5469	0.4554	2.325	0.0072	0.0082	0.0143
1.100	0.6888	0.6091	0.5119	2.350	0.0056	0.0079	0.0117
1.125	0.6933	0.6097	0.5434	2.375	0.0051	0.0083	0.0139
1.150	0.6627	0.5916	0.5315	2.400	0.0033	0.0073	0.0105
1.175	0.6208	0.5577	0.5127	2.425	0.0033	0.0049	0.0107
1.200	0.5666	0.5164	0.4915	2.450	0.0025	0.0034	0.0119
1.225	0.5148	0.4731	0.4626	2.475	0.0022	0.0032	0.0134
1.250	0.4659	0.4288	0.4373	2.500	0.0032	0.0018	0.0112

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.298 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.6006	-2.3012	-9.4464	1.275	0.4063	0.3784	0.3826
0.050	-3.5749	-2.3070	-9.3177	1.300	0.3658	0.3394	0.3359
0.075	-3.5333	-2.3177	-9.1182	1.325	0.3280	0.3092	0.3087
0.100	-3.4792	-2.3323	-8.8657	1.350	0.2915	0.2769	0.2885
0.125	-3.4142	-2.3518	-8.5769	1.375	0.2646	0.2533	0.2704
0.150	-3.3418	-2.3752	-8.2660	1.400	0.2368	0.2288	0.2399
0.175	-3.2636	-2.4036	-7.9432	1.425	0.2134	0.2051	0.2209
0.200	-3.1822	-2.4356	-7.6170	1.450	0.1918	0.1840	0.2036
0.225	-3.0984	-2.4712	-7.2919	1.475	0.1736	0.1692	0.1880
0.250	-3.0141	-2.5088	-6.9714	1.500	0.1572	0.1515	0.1633
0.275	-2.9296	-2.5462	-6.6571	1.525	0.1415	0.1378	0.1581
0.300	-2.8460	-2.5809	-6.3511	1.550	0.1285	0.1269	0.1380
0.325	-2.7634	-2.6090	-6.0538	1.575	0.1153	0.1146	0.1332
0.350	-2.6825	-2.6293	-5.7653	1.600	0.1046	0.1059	0.1151
0.375	-2.6031	-2.6371	-5.4856	1.625	0.0947	0.0964	0.0987
0.400	-2.5257	-2.6341	-5.2153	1.650	0.0874	0.0879	0.0950
0.425	-2.4502	-2.6178	-4.9539	1.675	0.0790	0.0799	0.0890
0.450	-2.3767	-2.5913	-4.7011	1.700	0.0711	0.0731	0.0814
0.475	-2.3052	-2.5533	-4.4566	1.725	0.0651	0.0661	0.0677
0.500	-2.2357	-2.5076	-4.2206	1.750	0.0600	0.0624	0.0607
0.525	-2.1682	-2.4538	-3.9925	1.775	0.0535	0.0574	0.0580
0.550	-2.1027	-2.3946	-3.7722	1.800	0.0480	0.0541	0.0489
0.575	-2.0392	-2.3302	-3.5593	1.825	0.0450	0.0486	0.0450
0.600	-1.9775	-2.2627	-3.3540	1.850	0.0407	0.0457	0.0523
0.625	-1.9177	-2.1922	-3.1560	1.875	0.0368	0.0414	0.0386
0.650	-1.8598	-2.1200	-2.9650	1.900	0.0339	0.0362	0.0326
0.675	-1.8037	-2.0466	-2.7809	1.925	0.0312	0.0344	0.0327
0.700	-1.7494	-1.9728	-2.6039	1.950	0.0285	0.0318	0.0302
0.725	-1.6969	-1.8990	-2.4338	1.975	0.0257	0.0279	0.0329
0.750	-1.6461	-1.8256	-2.2707	2.000	0.0229	0.0250	0.0248
0.775	-1.5970	-1.7531	-2.1143	2.025	0.0211	0.0237	0.0314
0.800	-1.5497	-1.6818	-1.9650	2.050	0.0193	0.0211	0.0275
0.825	-1.5041	-1.6121	-1.8227	2.075	0.0179	0.0182	0.0338
0.850	-1.4598	-1.5437	-1.6873	2.100	0.0155	0.0160	0.0317
0.875	-1.4109	-1.4648	-1.5523	2.125	0.0142	0.0162	0.0315
0.900	-1.3247	-1.3632	-1.3933	2.150	0.0135	0.0148	0.0239
0.925	-1.1402	-1.1425	-1.1682	2.175	0.0120	0.0143	0.0224
0.950	-.8273	-.8470	-.8383	2.200	0.0095	0.0100	0.0150
0.975	-.4347	-.4567	-.4754	2.225	0.0092	0.0103	0.0145
1.000	-.0464	-.0808	-.1502	2.250	0.0074	0.0100	0.0076
1.025	0.2650	0.2001	0.1300	2.275	0.0068	0.0080	0.0143
1.050	0.4795	0.4131	0.3022	2.300	0.0059	0.0068	0.0077
1.075	0.6044	0.5226	0.4202	2.325	0.0057	0.0059	0.0089
1.100	0.6551	0.5809	0.4898	2.350	0.0046	0.0066	0.0083
1.125	0.6590	0.5846	0.5115	2.375	0.0029	0.0039	0.0044
1.150	0.6339	0.5707	0.5023	2.400	0.0028	0.0039	0.0081
1.175	0.5959	0.5364	0.4883	2.425	0.0022	0.0006	0.0043
1.200	0.5499	0.4980	0.4533	2.450	0.0012	-.0004	0.0073
1.225	0.4997	0.4549	0.4248	2.475	0.0011	0.0025	0.0000
1.250	0.4504	0.4162	0.3842	2.500	0.0009	0.0010	0.0050

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.105 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-6.6549	-5.7364	-23.0610	1.275	0.3746	0.4995	0.6352
0.050	-6.6144	-5.6929	-22.8272	1.300	0.3714	0.4446	0.5926
0.075	-6.5525	-5.6929	-22.4589	1.325	0.3175	0.4002	0.5557
0.100	-6.4754	-5.7039	-21.9800	1.350	0.2221	0.3626	0.5219
0.125	-6.3786	-5.7235	-21.4192	1.375	0.1950	0.3267	0.4907
0.150	-6.2690	-5.7487	-20.7984	1.400	0.2265	0.2975	0.4607
0.175	-6.1454	-5.7790	-20.1398	1.425	0.1947	0.2727	0.4317
0.200	-6.0133	-5.8120	-19.4570	1.450	0.1862	0.2491	0.4042
0.225	-5.8725	-5.8466	-18.7632	1.475	0.1529	0.2302	0.3777
0.250	-5.7270	-5.8802	-18.0634	1.500	0.1394	0.2129	0.3511
0.275	-5.5768	-5.9076	-17.3638	1.525	0.1690	0.1947	0.3261
0.300	-5.4249	-5.9268	-16.6680	1.550	0.1328	0.1787	0.3016
0.325	-5.2710	-5.9329	-15.9792	1.575	0.1111	0.1647	0.2780
0.350	-5.1174	-5.9244	-15.2964	1.600	0.0708	0.1517	0.2558
0.375	-4.9635	-5.8924	-14.6218	1.625	0.1409	0.1372	0.2358
0.400	-4.8114	-5.8417	-13.9580	1.650	0.0584	0.1256	0.2183
0.425	-4.6601	-5.7688	-13.3042	1.675	0.0592	0.1148	0.2024
0.450	-4.5113	-5.6774	-12.6604	1.700	0.0522	0.1033	0.1890
0.475	-4.3640	-5.5631	-12.0278	1.725	0.0489	0.0943	0.1791
0.500	-4.2198	-5.4342	-11.4080	1.750	0.0988	0.0858	0.1716
0.525	-4.0774	-5.2905	-10.8012	1.775	0.0614	0.0774	0.1647
0.550	-3.9384	-5.1360	-10.2073	1.800	0.0250	0.0694	0.1597
0.575	-3.8014	-4.9696	-9.6261	1.825	0.0515	0.0650	0.1541
0.600	-3.6680	-4.7969	-9.0606	1.850	0.0581	0.0611	0.1487
0.625	-3.5368	-4.6186	-8.5102	1.875	0.0553	0.0584	0.1421
0.650	-3.4092	-4.4365	-7.9755	1.900	0.0253	0.0531	0.1348
0.675	-3.2839	-4.2509	-7.4564	1.925	0.0589	0.0495	0.1265
0.700	-3.1624	-4.0645	-6.9544	1.950	0.0681	0.0477	0.1159
0.725	-3.0432	-3.8782	-6.4693	1.975	0.0373	0.0481	0.1064
0.750	-2.9278	-3.6924	-6.0015	2.000	0.0241	0.0465	0.0965
0.775	-2.8148	-3.5081	-5.5506	2.025	0.0152	0.0439	0.0870
0.800	-2.7056	-3.3263	-5.1178	2.050	0.0303	0.0384	0.0781
0.825	-2.5990	-3.1479	-4.7028	2.075	0.0034	0.0408	0.0693
0.850	-2.4929	-2.9725	-4.3060	2.100	0.0239	0.0406	0.0624
0.875	-2.3850	-2.7923	-3.9257	2.125	0.0001	0.0367	0.0555
0.900	-2.1926	-2.5923	-3.5433	2.150	0.0223	0.0331	0.0509
0.925	-1.8652	-2.2245	-3.0707	2.175	0.0101	0.0331	0.0464
0.950	-1.4207	-1.7141	-2.3870	2.200	0.0107	0.0301	0.0422
0.975	-.7579	-1.0152	-1.5023	2.225	0.0024	0.0265	0.0397
1.000	-.1435	-.3110	-.6016	2.250	0.0336	0.0250	0.0364
1.025	0.3213	0.2296	0.1312	2.275	0.0243	0.0236	0.0336
1.050	0.6028	0.6359	0.6155	2.300	0.0158	0.0200	0.0302
1.075	0.8552	0.8116	0.8722	2.325	0.0130	0.0147	0.0275
1.100	0.8241	0.9066	0.9716	2.350	0.0367	0.0128	0.0248
1.125	0.8298	0.8915	0.9743	2.375	-.0046	0.0104	0.0216
1.150	0.7909	0.8514	0.9290	2.400	0.0045	0.0092	0.0188
1.175	0.7172	0.7801	0.8646	2.425	0.0205	0.0057	0.0156
1.200	0.6321	0.6990	0.7988	2.450	0.0201	0.0039	0.0130
1.225	0.4311	0.6300	0.7364	2.475	0.0236	0.0019	0.0099
1.250	0.4927	0.5591	0.6836	2.500	0.0215	0.0020	0.0077

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.110 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-6.6323	-5.7024	-23.0190	1.275	0.4225	0.5012	0.6984
0.050	-6.5962	-5.6824	-22.7842	1.300	0.3497	0.4429	0.6559
0.075	-6.5350	-5.6882	-22.4129	1.325	0.3057	0.4016	0.6184
0.100	-6.4591	-5.7020	-21.9310	1.350	0.2603	0.3647	0.5842
0.125	-6.3622	-5.7228	-21.3672	1.375	0.2147	0.3307	0.5525
0.150	-6.2535	-5.7485	-20.7454	1.400	0.2020	0.3048	0.5222
0.175	-6.1299	-5.7790	-20.0838	1.425	0.1970	0.2796	0.4932
0.200	-5.9987	-5.8121	-19.4000	1.450	0.1783	0.2557	0.4630
0.225	-5.8579	-5.8465	-18.7032	1.475	0.1768	0.2353	0.4357
0.250	-5.7134	-5.8801	-18.0034	1.500	0.1454	0.2162	0.4077
0.275	-5.5634	-5.9076	-17.3018	1.525	0.1094	0.1997	0.3805
0.300	-5.4125	-5.9269	-16.6060	1.550	0.1122	0.1846	0.3554
0.325	-5.2588	-5.9330	-15.9152	1.575	0.0987	0.1684	0.3312
0.350	-5.1064	-5.9246	-15.2324	1.600	0.0844	0.1535	0.3088
0.375	-4.9529	-5.8927	-14.5568	1.625	0.0834	0.1419	0.2874
0.400	-4.8018	-5.8419	-13.8920	1.650	0.0987	0.1306	0.2669
0.425	-4.6509	-5.7688	-13.2372	1.675	0.0785	0.1195	0.2507
0.450	-4.5031	-5.6772	-12.5934	1.700	0.0674	0.1101	0.2356
0.475	-4.3563	-5.5627	-11.9608	1.725	0.0879	0.1014	0.2227
0.500	-4.2129	-5.4335	-11.3400	1.750	0.0444	0.0941	0.2129
0.525	-4.0710	-5.2895	-10.7322	1.775	0.0534	0.0868	0.2034
0.550	-3.9328	-5.1346	-10.1383	1.800	0.0341	0.0805	0.1957
0.575	-3.7962	-4.9680	-9.5572	1.825	0.0387	0.0719	0.1878
0.600	-3.6635	-4.7949	-8.9914	1.850	0.0490	0.0665	0.1802
0.625	-3.5326	-4.6163	-8.4407	1.875	0.0262	0.0616	0.1719
0.650	-3.4056	-4.4339	-7.9056	1.900	0.0100	0.0576	0.1635
0.675	-3.2806	-4.2480	-7.3861	1.925	0.0249	0.0553	0.1528
0.700	-3.1595	-4.0614	-6.8836	1.950	0.0116	0.0508	0.1409
0.725	-3.0405	-3.8748	-6.3980	1.975	0.0141	0.0507	0.1294
0.750	-2.9255	-3.6888	-5.9296	2.000	0.0161	0.0493	0.1186
0.775	-2.8127	-3.5043	-5.4780	2.025	0.0165	0.0490	0.1081
0.800	-2.7039	-3.3223	-5.0446	2.050	0.0189	0.0459	0.0966
0.825	-2.5974	-3.1437	-4.6291	2.075	0.0234	0.0451	0.0886
0.850	-2.4945	-2.9684	-4.2318	2.100	0.0232	0.0442	0.0796
0.875	-2.3848	-2.7877	-3.8511	2.125	0.0089	0.0414	0.0719
0.900	-2.2144	-2.5870	-3.4687	2.150	0.0141	0.0367	0.0654
0.925	-1.8854	-2.2217	-2.9975	2.175	-.0014	0.0356	0.0597
0.950	-1.3677	-1.7171	-2.3165	2.200	0.0108	0.0312	0.0551
0.975	-.7445	-1.0184	-1.4363	2.225	-.0071	0.0292	0.0498
1.000	-.1656	-.3189	-.5410	2.250	0.0095	0.0261	0.0451
1.025	0.2355	0.2116	0.1900	2.275	0.0154	0.0237	0.0414
1.050	0.5871	0.6246	0.6710	2.300	0.0102	0.0220	0.0374
1.075	0.6557	0.8006	0.9291	2.325	0.0156	0.0181	0.0333
1.100	0.7286	0.8980	1.0291	2.350	0.0082	0.0155	0.0298
1.125	0.7610	0.8832	1.0333	2.375	0.0040	0.0150	0.0255
1.150	0.6990	0.8459	0.9899	2.400	0.0019	0.0155	0.0223
1.175	0.6805	0.7697	0.9275	2.425	0.0121	0.0121	0.0185
1.200	0.5584	0.6926	0.8628	2.450	0.0075	0.0110	0.0153
1.225	0.5076	0.6259	0.8003	2.475	0.0106	0.0100	0.0121
1.250	0.4489	0.5570	0.7459	2.500	0.0153	0.0097	0.0098

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.126 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-6.6414	-5.6519	-23.0910	1.275	0.4470	0.5248	0.8076
0.050	-6.6063	-5.6293	-22.8492	1.300	0.3744	0.4745	0.7649
0.075	-6.5426	-5.6346	-22.4679	1.325	0.3422	0.4289	0.7266
0.100	-6.4644	-5.6482	-21.9760	1.350	0.3063	0.3904	0.6896
0.125	-6.3642	-5.6690	-21.3992	1.375	0.2856	0.3603	0.6550
0.150	-6.2526	-5.6948	-20.7654	1.400	0.2333	0.3306	0.6204
0.175	-6.1258	-5.7259	-20.0928	1.425	0.1944	0.3025	0.5891
0.200	-5.9919	-5.7597	-19.3990	1.450	0.1939	0.2772	0.5583
0.225	-5.8485	-5.7952	-18.6932	1.475	0.1689	0.2587	0.5271
0.250	-5.7018	-5.8301	-17.9824	1.500	0.1559	0.2401	0.4989
0.275	-5.5497	-5.8596	-17.2728	1.525	0.1428	0.2236	0.4710
0.300	-5.3970	-5.8810	-16.5680	1.550	0.1306	0.2074	0.4443
0.325	-5.2418	-5.8893	-15.8692	1.575	0.1182	0.1923	0.4189
0.350	-5.0879	-5.8828	-15.1784	1.600	0.0988	0.1776	0.3950
0.375	-4.9332	-5.8527	-14.4958	1.625	0.0963	0.1659	0.3726
0.400	-4.7810	-5.8033	-13.8240	1.650	0.0895	0.1555	0.3493
0.425	-4.6291	-5.7309	-13.1622	1.675	0.0841	0.1425	0.3300
0.450	-4.4804	-5.6396	-12.5134	1.700	0.0783	0.1294	0.3117
0.475	-4.3328	-5.5252	-11.8748	1.725	0.0826	0.1215	0.2951
0.500	-4.1886	-5.3959	-11.2490	1.750	0.0623	0.1143	0.2808
0.525	-4.0460	-5.2514	-10.6372	1.775	0.0567	0.1050	0.2683
0.550	-3.9071	-5.0960	-10.0393	1.800	0.0560	0.0992	0.2554
0.575	-3.7700	-4.9287	-9.4547	1.825	0.0584	0.0924	0.2432
0.600	-3.6367	-4.7549	-8.8855	1.850	0.0516	0.0841	0.2323
0.625	-3.5055	-4.5753	-8.3316	1.875	0.0371	0.0806	0.2216
0.650	-3.3780	-4.3919	-7.7932	1.900	0.0377	0.0754	0.2083
0.675	-3.2526	-4.2051	-7.2704	1.925	0.0408	0.0719	0.1954
0.700	-3.1312	-4.0174	-6.7649	1.950	0.0338	0.0709	0.1830
0.725	-3.0120	-3.8298	-6.2761	1.975	0.0327	0.0668	0.1693
0.750	-2.8968	-3.6428	-5.8046	2.000	0.0218	0.0634	0.1560
0.775	-2.7839	-3.4575	-5.3500	2.025	0.0258	0.0598	0.1431
0.800	-2.6750	-3.2747	-4.9137	2.050	0.0181	0.0570	0.1308
0.825	-2.5685	-3.0955	-4.4956	2.075	0.0234	0.0564	0.1189
0.850	-2.4655	-2.9196	-4.0959	2.100	0.0189	0.0522	0.1089
0.875	-2.3550	-2.7390	-3.7133	2.125	0.0130	0.0506	0.0990
0.900	-2.1868	-2.5395	-3.3294	2.150	0.0128	0.0468	0.0895
0.925	-1.8591	-2.1759	-2.8607	2.175	0.0130	0.0449	0.0825
0.950	-1.3490	-1.6786	-2.1904	2.200	0.0186	0.0406	0.0748
0.975	-.7328	-.9859	-1.3238	2.225	0.0143	0.0388	0.0675
1.000	-.1440	-.2978	-.4425	2.250	0.0085	0.0359	0.0612
1.025	0.3251	0.2306	0.2737	2.275	0.0200	0.0339	0.0551
1.050	0.6004	0.6281	0.7509	2.300	0.0081	0.0315	0.0496
1.075	0.7494	0.8067	1.0108	2.325	0.0051	0.0284	0.0442
1.100	0.8150	0.9007	1.1126	2.350	0.0140	0.0264	0.0380
1.125	0.7958	0.8927	1.1238	2.375	0.0080	0.0228	0.0329
1.150	0.7523	0.8555	1.0854	2.400	0.0091	0.0192	0.0289
1.175	0.6945	0.7897	1.0304	2.425	0.0092	0.0185	0.0242
1.200	0.6320	0.7150	0.9683	2.450	0.0122	0.0176	0.0200
1.225	0.5810	0.6450	0.9082	2.475	0.0151	0.0150	0.0169
1.250	0.4856	0.5763	0.8546	2.500	0.0029	0.0139	0.0137

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.165 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-6.3483	-5.1653	-21.5960	1.275	0.4598	0.5224	0.7913
0.050	-6.3118	-5.1439	-21.3562	1.300	0.4067	0.4711	0.7432
0.075	-6.2480	-5.1496	-20.9779	1.325	0.3634	0.4276	0.7024
0.100	-6.1671	-5.1633	-20.4930	1.350	0.3184	0.3869	0.6615
0.125	-6.0657	-5.1842	-19.9302	1.375	0.2927	0.3567	0.6205
0.150	-5.9521	-5.2103	-19.3134	1.400	0.2669	0.3265	0.5854
0.175	-5.8252	-5.2423	-18.6628	1.425	0.2326	0.2987	0.5521
0.200	-5.6911	-5.2778	-17.9940	1.450	0.2193	0.2769	0.5191
0.225	-5.5492	-5.3160	-17.3172	1.475	0.2019	0.2551	0.4891
0.250	-5.4042	-5.3548	-16.6384	1.500	0.1749	0.2342	0.4588
0.275	-5.2555	-5.3900	-15.9618	1.525	0.1575	0.2163	0.4320
0.300	-5.1062	-5.4186	-15.2920	1.550	0.1511	0.1992	0.4083
0.325	-4.9559	-5.4349	-14.6302	1.575	0.1386	0.1832	0.3839
0.350	-4.8066	-5.4374	-13.9774	1.600	0.1331	0.1683	0.3627
0.375	-4.6579	-5.4172	-13.3348	1.625	0.1197	0.1562	0.3385
0.400	-4.5112	-5.3780	-12.7040	1.650	0.1049	0.1425	0.3217
0.425	-4.3661	-5.3158	-12.0852	1.675	0.1051	0.1330	0.3022
0.450	-4.2234	-5.2348	-11.4784	1.700	0.0934	0.1227	0.2838
0.475	-4.0828	-5.1316	-10.8838	1.725	0.0851	0.1127	0.2687
0.500	-3.9450	-5.0136	-10.3030	1.750	0.0836	0.1054	0.2520
0.525	-3.8096	-4.8804	-9.7353	1.775	0.0776	0.0969	0.2374
0.550	-3.6772	-4.7367	-9.1816	1.800	0.0700	0.0919	0.2253
0.575	-3.5473	-4.5815	-8.6413	1.825	0.0644	0.0835	0.2130
0.600	-3.4206	-4.4200	-8.1162	1.850	0.0639	0.0784	0.2014
0.625	-3.2966	-4.2527	-7.6055	1.875	0.0547	0.0731	0.1909
0.650	-3.1756	-4.0818	-7.1099	1.900	0.0583	0.0668	0.1796
0.675	-3.0574	-3.9076	-6.6288	1.925	0.0533	0.0630	0.1676
0.700	-2.9424	-3.7326	-6.1637	1.950	0.0431	0.0588	0.1564
0.725	-2.8303	-3.5576	-5.7143	1.975	0.0430	0.0572	0.1465
0.750	-2.7213	-3.3832	-5.2809	2.000	0.0370	0.0535	0.1348
0.775	-2.6153	-3.2105	-4.8632	2.025	0.0393	0.0502	0.1238
0.800	-2.5125	-3.0403	-4.4626	2.050	0.0321	0.0477	0.1135
0.825	-2.4127	-2.8735	-4.0789	2.075	0.0319	0.0439	0.1059
0.850	-2.3156	-2.7101	-3.7126	2.100	0.0294	0.0424	0.0962
0.875	-2.2114	-2.5421	-3.3624	2.125	0.0246	0.0394	0.0870
0.900	-2.0520	-2.3564	-3.0128	2.150	0.0257	0.0385	0.0797
0.925	-1.7486	-2.0197	-2.5889	2.175	0.0231	0.0333	0.0734
0.950	-1.2599	-1.5574	-1.9818	2.200	0.0216	0.0306	0.0688
0.975	-.6758	-.9108	-1.1986	2.225	0.0138	0.0282	0.0618
1.000	-.1188	-.2661	-.3964	2.250	0.0144	0.0260	0.0547
1.025	0.3216	0.2345	0.2635	2.275	0.0147	0.0240	0.0499
1.050	0.6038	0.6204	0.7130	2.300	0.0144	0.0237	0.0457
1.075	0.7670	0.7952	0.9649	2.325	0.0160	0.0208	0.0394
1.100	0.8260	0.8833	1.0737	2.350	0.0172	0.0207	0.0351
1.125	0.8217	0.8783	1.0927	2.375	0.0116	0.0183	0.0317
1.150	0.7731	0.8425	1.0667	2.400	0.0142	0.0154	0.0268
1.175	0.7216	0.7755	1.0156	2.425	0.0111	0.0140	0.0227
1.200	0.6512	0.7066	0.9542	2.450	0.0120	0.0144	0.0182
1.225	0.5852	0.6396	0.8966	2.475	0.0111	0.0119	0.0161
1.250	0.5161	0.5746	0.8446	2.500	0.0122	0.0086	0.0150

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.244 x_1 = 0.7500 $\epsilon_{22}/\epsilon_{11}$ = 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-6.0329	-4.5654	-20.1870	1.275	0.4326	0.5118	0.7592
0.050	-5.9938	-4.5639	-19.9362	1.300	0.3860	0.4613	0.7185
0.075	-5.9278	-4.5754	-19.5459	1.325	0.3496	0.4196	0.6740
0.100	-5.8417	-4.5931	-19.0510	1.350	0.3109	0.3825	0.6336
0.125	-5.7366	-4.6174	-18.4822	1.375	0.2793	0.3487	0.5938
0.150	-5.6188	-4.6470	-17.8654	1.400	0.2480	0.3163	0.5543
0.175	-5.4892	-4.6831	-17.2198	1.425	0.2216	0.2904	0.5159
0.200	-5.3531	-4.7237	-16.5620	1.450	0.2046	0.2647	0.4887
0.225	-5.2107	-4.7685	-15.9012	1.475	0.1858	0.2434	0.4579
0.250	-5.0662	-4.8152	-15.2424	1.500	0.1646	0.2214	0.4261
0.275	-4.9189	-4.8604	-14.5898	1.525	0.1526	0.2035	0.4028
0.300	-4.7723	-4.9004	-13.9470	1.550	0.1405	0.1879	0.3781
0.325	-4.6250	-4.9292	-13.3152	1.575	0.1293	0.1729	0.3565
0.350	-4.4800	-4.9444	-12.6954	1.600	0.1137	0.1607	0.3387
0.375	-4.3356	-4.9376	-12.0878	1.625	0.1062	0.1477	0.3133
0.400	-4.1943	-4.9115	-11.4950	1.650	0.0974	0.1388	0.2986
0.425	-4.0542	-4.8613	-10.9152	1.675	0.0882	0.1281	0.2830
0.450	-3.9177	-4.7922	-10.3493	1.700	0.0805	0.1193	0.2673
0.475	-3.7827	-4.7011	-9.7967	1.725	0.0722	0.1105	0.2489
0.500	-3.6517	-4.5951	-9.2590	1.750	0.0677	0.1022	0.2309
0.525	-3.5223	-4.4735	-8.7353	1.775	0.0629	0.0958	0.2199
0.550	-3.3970	-4.3414	-8.2257	1.800	0.0544	0.0910	0.2037
0.575	-3.2735	-4.1985	-7.7298	1.825	0.0494	0.0851	0.1932
0.600	-3.1540	-4.0493	-7.2485	1.850	0.0458	0.0815	0.1800
0.625	-3.0365	-3.8941	-6.7816	1.875	0.0398	0.0751	0.1683
0.650	-2.9229	-3.7356	-6.3290	1.900	0.0392	0.0703	0.1614
0.675	-2.8114	-3.5741	-5.8902	1.925	0.0363	0.0647	0.1473
0.700	-2.7039	-3.4117	-5.4665	1.950	0.0345	0.0595	0.1399
0.725	-2.5985	-3.2492	-5.0574	1.975	0.0310	0.0561	0.1288
0.750	-2.4970	-3.0875	-4.6632	2.000	0.0299	0.0517	0.1206
0.775	-2.3978	-2.9275	-4.2838	2.025	0.0271	0.0510	0.1099
0.800	-2.3025	-2.7697	-3.9203	2.050	0.0270	0.0467	0.1062
0.825	-2.2097	-2.6155	-3.5726	2.075	0.0252	0.0450	0.0966
0.850	-2.1203	-2.4645	-3.2410	2.100	0.0215	0.0423	0.0901
0.875	-2.0243	-2.3099	-2.9245	2.125	0.0219	0.0386	0.0836
0.900	-1.8777	-2.1400	-2.6110	2.150	0.0202	0.0368	0.0769
0.925	-1.6021	-1.8328	-2.2410	2.175	0.0176	0.0344	0.0695
0.950	-1.1566	-1.4094	-1.7224	2.200	0.0158	0.0300	0.0638
0.975	-.6205	-.8259	-1.0555	2.225	0.0141	0.0285	0.0568
1.000	-.1106	-.2359	-.3640	2.250	0.0150	0.0275	0.0547
1.025	0.2794	0.2261	0.2109	2.275	0.0108	0.0246	0.0482
1.050	0.5573	0.5739	0.6222	2.300	0.0130	0.0215	0.0447
1.075	0.6958	0.7430	0.8520	2.325	0.0120	0.0199	0.0375
1.100	0.7541	0.8338	0.9719	2.350	0.0094	0.0168	0.0354
1.125	0.7490	0.8338	0.9980	2.375	0.0104	0.0176	0.0278
1.150	0.7131	0.8055	0.9863	2.400	0.0078	0.0158	0.0263
1.175	0.6643	0.7506	0.9481	2.425	0.0068	0.0128	0.0223
1.200	0.5996	0.6844	0.9084	2.450	0.0070	0.0101	0.0189
1.225	0.5408	0.6244	0.8604	2.475	0.0071	0.0103	0.0148
1.250	0.4882	0.5631	0.8036	2.500	0.0073	0.0086	0.0122

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.306 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.6725	-3.1300	-14.0900	1.275	0.4189	0.4784	0.5830
0.050	-4.6392	-3.1357	-13.8891	1.300	0.3756	0.4319	0.5431
0.075	-4.5847	-3.1482	-13.5799	1.325	0.3369	0.3916	0.4912
0.100	-4.5135	-3.1654	-13.1900	1.350	0.3012	0.3518	0.4556
0.125	-4.4277	-3.1888	-12.7451	1.375	0.2732	0.3200	0.4178
0.150	-4.3319	-3.2170	-12.2673	1.400	0.2438	0.2878	0.3754
0.175	-4.2278	-3.2513	-11.7739	1.425	0.2208	0.2611	0.3444
0.200	-4.1191	-3.2900	-11.2750	1.450	0.1985	0.2362	0.3175
0.225	-4.0066	-3.3338	-10.7791	1.475	0.1814	0.2156	0.2847
0.250	-3.8931	-3.3803	-10.2903	1.500	0.1636	0.1940	0.2618
0.275	-3.7786	-3.4270	-9.8108	1.525	0.1482	0.1768	0.2458
0.300	-3.6651	-3.4710	-9.3435	1.550	0.1344	0.1606	0.2289
0.325	-3.5523	-3.5073	-8.8890	1.575	0.1218	0.1472	0.2132
0.350	-3.4415	-3.5333	-8.4478	1.600	0.1092	0.1339	0.1945
0.375	-3.3322	-3.5425	-8.0193	1.625	0.1006	0.1226	0.1778
0.400	-3.2255	-3.5367	-7.6046	1.650	0.0907	0.1117	0.1630
0.425	-3.1206	-3.5117	-7.2031	1.675	0.0831	0.1036	0.1463
0.450	-3.0186	-3.4716	-6.8145	1.700	0.0758	0.0950	0.1351
0.475	-2.9185	-3.4145	-6.4381	1.725	0.0690	0.0877	0.1258
0.500	-2.8214	-3.3457	-6.0745	1.750	0.0617	0.0802	0.1147
0.525	-2.7263	-3.2647	-5.7228	1.775	0.0575	0.0755	0.1053
0.550	-2.6342	-3.1756	-5.3827	1.800	0.0522	0.0703	0.0990
0.575	-2.5441	-3.0783	-5.0537	1.825	0.0479	0.0631	0.0898
0.600	-2.4568	-2.9762	-4.7362	1.850	0.0442	0.0580	0.0816
0.625	-2.3717	-2.8695	-4.4297	1.875	0.0410	0.0544	0.0696
0.650	-2.2893	-2.7603	-4.1339	1.900	0.0366	0.0497	0.0682
0.675	-2.2090	-2.6489	-3.8485	1.925	0.0344	0.0457	0.0627
0.700	-2.1314	-2.5370	-3.5741	1.950	0.0317	0.0414	0.0605
0.725	-2.0560	-2.4248	-3.3103	1.975	0.0280	0.0385	0.0580
0.750	-1.9832	-2.3133	-3.0570	2.000	0.0246	0.0358	0.0512
0.775	-1.9125	-2.2030	-2.8141	2.025	0.0233	0.0338	0.0444
0.800	-1.8444	-2.0945	-2.5822	2.050	0.0209	0.0301	0.0371
0.825	-1.7786	-1.9884	-2.3611	2.075	0.0198	0.0280	0.0353
0.850	-1.7149	-1.8847	-2.1509	2.100	0.0180	0.0259	0.0296
0.875	-1.6460	-1.7779	-1.9513	2.125	0.0150	0.0224	0.0252
0.900	-1.5353	-1.6582	-1.7545	2.150	0.0135	0.0208	0.0245
0.925	-1.3143	-1.4274	-1.5189	2.175	0.0126	0.0183	0.0210
0.950	-.9512	-1.1023	-1.1905	2.200	0.0113	0.0173	0.0237
0.975	-.5070	-.6307	-.7421	2.225	0.0105	0.0160	0.0216
1.000	-.0755	-.1514	-.2699	2.250	0.0097	0.0137	0.0183
1.025	0.2705	0.2327	0.1614	2.275	0.0077	0.0138	0.0173
1.050	0.5049	0.5341	0.4578	2.300	0.0085	0.0132	0.0149
1.075	0.6354	0.6801	0.6463	2.325	0.0065	0.0104	0.0123
1.100	0.6890	0.7652	0.7474	2.350	0.0059	0.0102	0.0100
1.125	0.6927	0.7659	0.7876	2.375	0.0044	0.0090	0.0111
1.150	0.6663	0.7419	0.7857	2.400	0.0039	0.0081	0.0102
1.175	0.6217	0.6946	0.7502	2.425	0.0035	0.0069	0.0115
1.200	0.5706	0.6393	0.7175	2.450	0.0031	0.0058	0.0131
1.225	0.5166	0.5841	0.6709	2.475	0.0021	0.0050	0.0102
1.250	0.4669	0.5283	0.6332	2.500	0.0023	0.0037	0.0083

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.322 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.9934	-2.5599	-11.5050	1.275	0.4045	0.4557	0.5808
0.050	-3.9642	-2.5662	-11.3291	1.300	0.3621	0.4107	0.5402
0.075	-3.9169	-2.5779	-11.0589	1.325	0.3252	0.3743	0.4997
0.100	-3.8551	-2.5940	-10.7180	1.350	0.2920	0.3372	0.4503
0.125	-3.7811	-2.6156	-10.3321	1.375	0.2620	0.3038	0.4197
0.150	-3.6984	-2.6417	-9.9190	1.400	0.2365	0.2737	0.3610
0.175	-3.6092	-2.6735	-9.4937	1.425	0.2125	0.2485	0.3426
0.200	-3.5161	-2.7096	-9.0666	1.450	0.1923	0.2250	0.3184
0.225	-3.4204	-2.7506	-8.6439	1.475	0.1723	0.2004	0.2878
0.250	-3.3238	-2.7944	-8.2295	1.500	0.1558	0.1816	0.2547
0.275	-3.2271	-2.8390	-7.8253	1.525	0.1418	0.1623	0.2446
0.300	-3.1313	-2.8816	-7.4335	1.550	0.1280	0.1480	0.2206
0.325	-3.0367	-2.9178	-7.0544	1.575	0.1152	0.1354	0.2029
0.350	-2.9437	-2.9453	-6.6881	1.600	0.1057	0.1248	0.1877
0.375	-2.8527	-2.9585	-6.3343	1.625	0.0947	0.1144	0.1745
0.400	-2.7637	-2.9586	-5.9936	1.650	0.0858	0.1059	0.1647
0.425	-2.6769	-2.9421	-5.6655	1.675	0.0782	0.0966	0.1565
0.450	-2.5923	-2.9125	-5.3494	1.700	0.0720	0.0881	0.1413
0.475	-2.5100	-2.8684	-5.0445	1.725	0.0630	0.0800	0.1242
0.500	-2.4298	-2.8143	-4.7511	1.750	0.0571	0.0740	0.1159
0.525	-2.3520	-2.7495	-4.4684	1.775	0.0528	0.0657	0.1038
0.550	-2.2763	-2.6779	-4.1961	1.800	0.0466	0.0636	0.1031
0.575	-2.2028	-2.5995	-3.9334	1.825	0.0424	0.0561	0.0960
0.600	-2.1315	-2.5171	-3.6810	1.850	0.0392	0.0508	0.0853
0.625	-2.0623	-2.4309	-3.4381	1.875	0.0361	0.0460	0.0827
0.650	-1.9953	-2.3426	-3.2045	1.900	0.0320	0.0425	0.0759
0.675	-1.9302	-2.2527	-2.9799	1.925	0.0291	0.0383	0.0649
0.700	-1.8673	-2.1623	-2.7647	1.950	0.0255	0.0355	0.0598
0.725	-1.8063	-2.0718	-2.5584	1.975	0.0243	0.0319	0.0525
0.750	-1.7474	-1.9819	-2.3610	2.000	0.0206	0.0297	0.0536
0.775	-1.6905	-1.8931	-2.1722	2.025	0.0193	0.0264	0.0532
0.800	-1.6356	-1.8058	-1.9926	2.050	0.0186	0.0263	0.0498
0.825	-1.5826	-1.7205	-1.8218	2.075	0.0158	0.0233	0.0436
0.850	-1.5314	-1.6373	-1.6600	2.100	0.0141	0.0195	0.0525
0.875	-1.4755	-1.5512	-1.5067	2.125	0.0123	0.0178	0.0402
0.900	-1.3815	-1.4532	-1.3553	2.150	0.0113	0.0164	0.0368
0.925	-1.1862	-1.2538	-1.1764	2.175	0.0104	0.0143	0.0357
0.950	-.8601	-.9693	-.9000	2.200	0.0086	0.0128	0.0429
0.975	-.4541	-.5459	-.5315	2.225	0.0081	0.0120	0.0407
1.000	-.0554	-.1141	-.1236	2.250	0.0067	0.0111	0.0367
1.025	0.2616	0.2357	0.2547	2.275	0.0058	0.0097	0.0368
1.050	0.4769	0.5169	0.5042	2.300	0.0052	0.0092	0.0314
1.075	0.6011	0.6507	0.6934	2.325	0.0046	0.0081	0.0293
1.100	0.6561	0.7278	0.7529	2.350	0.0037	0.0068	0.0278
1.125	0.6631	0.7325	0.7843	2.375	0.0024	0.0048	0.0186
1.150	0.6372	0.7130	0.7835	2.400	0.0022	0.0046	0.0224
1.175	0.5986	0.6665	0.7478	2.425	0.0010	0.0025	0.0229
1.200	0.5476	0.6131	0.7275	2.450	0.0006	0.0023	0.0140
1.225	0.4965	0.5594	0.6647	2.475	0.0008	0.0013	0.0138
1.250	0.4502	0.5058	0.6334	2.500	0.0006	0.0009	0.0152

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.111 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.4739	-7.4653	-32.9251	1.275	0.5683	0.5795	0.9088
0.050	-8.4150	-7.3550	-32.5683	1.300	0.5164	0.5206	0.8581
0.075	-8.3198	-7.3385	-32.0068	1.325	0.4770	0.4744	0.8125
0.100	-8.2151	-7.3421	-31.2830	1.350	0.3946	0.4319	0.7700
0.125	-8.0764	-7.3598	-30.4403	1.375	0.3750	0.3966	0.7284
0.150	-7.9273	-7.3855	-29.5156	1.400	0.3357	0.3588	0.6884
0.175	-7.7539	-7.4194	-28.5397	1.425	0.2789	0.3335	0.6495
0.200	-7.5745	-7.4581	-27.5350	1.450	0.2039	0.3064	0.6106
0.225	-7.3792	-7.5008	-26.5163	1.475	0.2433	0.2846	0.5719
0.250	-7.1824	-7.5440	-25.4946	1.500	0.2317	0.2606	0.5330
0.275	-6.9758	-7.5819	-24.4727	1.525	0.1546	0.2434	0.4953
0.300	-6.7712	-7.6110	-23.4590	1.550	0.1187	0.2231	0.4599
0.325	-6.5607	-7.6246	-22.4533	1.575	0.1620	0.2018	0.4251
0.350	-6.3546	-7.6199	-21.4586	1.600	0.1426	0.1851	0.3931
0.375	-6.1452	-7.5840	-20.4747	1.625	0.1246	0.1683	0.3637
0.400	-5.9416	-7.5221	-19.5050	1.650	0.1299	0.1536	0.3382
0.425	-5.7361	-7.4288	-18.5493	1.675	0.1429	0.1387	0.3165
0.450	-5.5373	-7.3087	-17.6085	1.700	0.0909	0.1265	0.2998
0.475	-5.3377	-7.1556	-16.6827	1.725	0.0868	0.1152	0.2863
0.500	-5.1451	-6.9810	-15.7760	1.750	0.1182	0.1018	0.2765
0.525	-4.9524	-6.7846	-14.8883	1.775	0.0726	0.0940	0.2691
0.550	-4.7668	-6.5723	-14.0205	1.800	0.0756	0.0867	0.2639
0.575	-4.5815	-6.3428	-13.1718	1.825	0.0888	0.0777	0.2578
0.600	-4.4035	-6.1038	-12.3470	1.850	0.1031	0.0708	0.2502
0.625	-4.2261	-5.8566	-11.5442	1.875	0.0913	0.0671	0.2398
0.650	-4.0560	-5.6039	-10.7665	1.900	0.0867	0.0653	0.2263
0.675	-3.8866	-5.3460	-10.0128	1.925	0.0580	0.0638	0.2101
0.700	-3.7247	-5.0867	-9.2848	1.950	0.0467	0.0627	0.1914
0.725	-3.5637	-4.8273	-8.5826	1.975	0.0451	0.0630	0.1720
0.750	-3.4102	-4.5687	-7.9063	2.000	0.0434	0.0641	0.1528
0.775	-3.2579	-4.3121	-7.2553	2.025	0.0665	0.0605	0.1344
0.800	-3.1130	-4.0589	-6.6313	2.050	0.0450	0.0590	0.1190
0.825	-2.9696	-3.8106	-6.0336	2.075	0.0398	0.0583	0.1055
0.850	-2.8323	-3.5670	-5.4624	2.100	0.0344	0.0586	0.0948
0.875	-2.6887	-3.3245	-4.9175	2.125	0.0595	0.0533	0.0860
0.900	-2.4669	-3.0730	-4.3951	2.150	0.0156	0.0501	0.0795
0.925	-2.0675	-2.6697	-3.8453	2.175	0.0366	0.0457	0.0741
0.950	-1.4489	-2.1198	-3.1213	2.200	0.0223	0.0405	0.0692
0.975	-.7499	-1.3016	-2.1145	2.225	0.0336	0.0345	0.0641
1.000	-.1048	-.4614	-.9618	2.250	0.0177	0.0288	0.0607
1.025	0.3772	0.2035	0.0621	2.275	0.0308	0.0253	0.0563
1.050	0.7477	0.7088	0.7775	2.300	0.0235	0.0196	0.0523
1.075	0.9619	0.9406	1.1765	2.325	0.0397	0.0160	0.0475
1.100	0.9051	1.0562	1.3293	2.350	0.0693	0.0122	0.0421
1.125	0.8460	1.0351	1.3408	2.375	0.0330	0.0126	0.0368
1.150	0.9097	0.9846	1.2818	2.400	0.0448	0.0096	0.0314
1.175	0.8590	0.8967	1.1983	2.425	0.0453	0.0073	0.0265
1.200	0.7122	0.8031	1.1119	2.450	0.0404	0.0057	0.0210
1.225	0.6800	0.7198	1.0348	2.475	0.0589	0.0057	0.0153
1.250	0.6005	0.6444	0.9687	2.500	0.0354	0.0052	0.0111

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.116 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.4457	-7.4405	-32.8691	1.275	0.3943	0.5923	1.0269
0.050	-8.3927	-7.3559	-32.5103	1.300	0.3330	0.5296	0.9753
0.075	-8.2994	-7.3458	-31.9448	1.325	0.2630	0.4873	0.9278
0.100	-8.1953	-7.3524	-31.2180	1.350	0.2513	0.4480	0.8843
0.125	-8.0570	-7.3712	-30.3713	1.375	0.2460	0.4119	0.8421
0.150	-7.9079	-7.3975	-29.4436	1.400	0.2224	0.3822	0.8004
0.175	-7.7349	-7.4315	-28.4647	1.425	0.1877	0.3531	0.7595
0.200	-7.5556	-7.4701	-27.4580	1.450	0.1757	0.3253	0.7177
0.225	-7.3610	-7.5123	-26.4373	1.475	0.1730	0.3039	0.6778
0.250	-7.1646	-7.5552	-25.4126	1.500	0.1415	0.2810	0.6374
0.275	-6.9589	-7.5929	-24.3887	1.525	0.1179	0.2629	0.5981
0.300	-6.7550	-7.6217	-23.3730	1.550	0.1068	0.2428	0.5593
0.325	-6.5456	-7.6349	-22.3653	1.575	0.1002	0.2251	0.5234
0.350	-6.3404	-7.6297	-21.3686	1.600	0.1059	0.2101	0.4895
0.375	-6.1322	-7.5934	-20.3827	1.625	0.1012	0.1927	0.4578
0.400	-5.9295	-7.5308	-19.4110	1.650	0.0938	0.1754	0.4290
0.425	-5.7254	-7.4366	-18.4543	1.675	0.0811	0.1624	0.4034
0.450	-5.5276	-7.3155	-17.5115	1.700	0.0704	0.1480	0.3825
0.475	-5.3292	-7.1614	-16.5857	1.725	0.0611	0.1364	0.3645
0.500	-5.1376	-6.9858	-15.6770	1.750	0.0641	0.1265	0.3507
0.525	-4.9460	-6.7882	-14.7873	1.775	0.0377	0.1176	0.3397
0.550	-4.7614	-6.5748	-13.9175	1.800	0.0613	0.1074	0.3295
0.575	-4.5773	-6.3441	-13.0688	1.825	0.0421	0.0996	0.3196
0.600	-4.4001	-6.1041	-12.2420	1.850	0.0371	0.0929	0.3073
0.625	-4.2238	-5.8558	-11.4382	1.875	0.0176	0.0883	0.2944
0.650	-4.0544	-5.6021	-10.6585	1.900	0.0286	0.0845	0.2781
0.675	-3.8860	-5.3432	-9.9025	1.925	0.0259	0.0806	0.2586
0.700	-3.7248	-5.0831	-9.1726	1.950	0.0230	0.0802	0.2367
0.725	-3.5647	-4.8229	-8.4683	1.975	0.0241	0.0769	0.2144
0.750	-3.4118	-4.5635	-7.7900	2.000	0.0165	0.0747	0.1938
0.775	-3.2603	-4.3060	-7.1369	2.025	0.0236	0.0749	0.1740
0.800	-3.1160	-4.0522	-6.5110	2.050	0.0306	0.0730	0.1551
0.825	-2.9733	-3.8033	-5.9115	2.075	0.0248	0.0697	0.1401
0.850	-2.8366	-3.5592	-5.3387	2.100	0.0261	0.0696	0.1273
0.875	-2.6910	-3.3161	-4.7924	2.125	0.0278	0.0653	0.1158
0.900	-2.4803	-3.0634	-4.2691	2.150	0.0138	0.0623	0.1062
0.925	-2.1077	-2.6619	-3.7186	2.175	0.0110	0.0551	0.0976
0.950	-1.5565	-2.1112	-2.9963	2.200	0.0016	0.0511	0.0904
0.975	-.8860	-1.2974	-1.9937	2.225	0.0063	0.0451	0.0843
1.000	-.2403	-.4578	-.8475	2.250	0.0008	0.0395	0.0776
1.025	0.2049	0.2037	0.1722	2.275	0.0033	0.0357	0.0704
1.050	0.5636	0.7156	0.8875	2.300	0.0083	0.0314	0.0638
1.075	0.7787	0.9421	1.2848	2.325	-.0085	0.0258	0.0577
1.100	0.7300	1.0602	1.4415	2.350	-.0131	0.0236	0.0512
1.125	0.7332	1.0394	1.4525	2.375	-.0018	0.0221	0.0442
1.150	0.7136	0.9798	1.3954	2.400	-.0056	0.0187	0.0378
1.175	0.6071	0.9011	1.3127	2.425	-.0159	0.0167	0.0314
1.200	0.5749	0.8079	1.2269	2.450	-.0108	0.0150	0.0254
1.225	0.5129	0.7307	1.1514	2.475	-.0044	0.0130	0.0194
1.250	0.4264	0.6571	1.0850	2.500	-.0107	0.0122	0.0140

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.116 x_1= 0.1001 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.3846	-7.2344	-32.2171	1.275	0.4564	0.5862	0.9215
0.050	-8.3331	-7.1627	-31.8623	1.300	0.3623	0.5204	0.8648
0.075	-8.2413	-7.1565	-31.3028	1.325	0.3264	0.4753	0.8148
0.100	-8.1374	-7.1657	-30.5830	1.350	0.2797	0.4320	0.7667
0.125	-7.9999	-7.1867	-29.7453	1.375	0.2410	0.3966	0.7212
0.150	-7.8509	-7.2151	-28.8276	1.400	0.2364	0.3648	0.6780
0.175	-7.6784	-7.2514	-27.8597	1.425	0.2077	0.3364	0.6365
0.200	-7.4990	-7.2925	-26.8650	1.450	0.1908	0.3054	0.5941
0.225	-7.3046	-7.3374	-25.8563	1.475	0.1734	0.2826	0.5536
0.250	-7.1081	-7.3832	-24.8456	1.500	0.1595	0.2588	0.5136
0.275	-6.9025	-7.4239	-23.8367	1.525	0.1492	0.2382	0.4751
0.300	-6.6984	-7.4558	-22.8360	1.550	0.1384	0.2188	0.4376
0.325	-6.4892	-7.4723	-21.8453	1.575	0.1358	0.2006	0.4029
0.350	-6.2840	-7.4706	-20.8656	1.600	0.1128	0.1816	0.3710
0.375	-6.0760	-7.4379	-19.8977	1.625	0.1224	0.1662	0.3419
0.400	-5.8735	-7.3791	-18.9440	1.650	0.1003	0.1494	0.3165
0.425	-5.6699	-7.2889	-18.0063	1.675	0.0992	0.1369	0.2942
0.450	-5.4724	-7.1719	-17.0835	1.700	0.0865	0.1257	0.2767
0.475	-5.2747	-7.0222	-16.1767	1.725	0.0566	0.1113	0.2629
0.500	-5.0837	-6.8509	-15.2890	1.750	0.0769	0.0996	0.2533
0.525	-4.8930	-6.6579	-14.4203	1.775	0.0675	0.0909	0.2466
0.550	-4.7091	-6.4490	-13.5715	1.800	0.0767	0.0800	0.2408
0.575	-4.5259	-6.2232	-12.7428	1.825	0.0497	0.0728	0.2351
0.600	-4.3496	-5.9880	-11.9380	1.850	0.0497	0.0652	0.2275
0.625	-4.1743	-5.7446	-11.1552	1.875	0.0414	0.0615	0.2185
0.650	-4.0059	-5.4958	-10.3964	1.900	0.0255	0.0584	0.2061
0.675	-3.8386	-5.2420	-9.6622	1.925	0.0454	0.0572	0.1921
0.700	-3.6784	-4.9869	-8.9534	1.950	0.0351	0.0558	0.1755
0.725	-3.5195	-4.7318	-8.2700	1.975	0.0307	0.0544	0.1579
0.750	-3.3676	-4.4774	-7.6122	2.000	0.0218	0.0534	0.1398
0.775	-3.2173	-4.2252	-6.9794	2.025	-.0020	0.0520	0.1237
0.800	-3.0741	-3.9766	-6.3733	2.050	0.0181	0.0509	0.1094
0.825	-2.9327	-3.7328	-5.7932	2.075	0.0175	0.0497	0.0973
0.850	-2.7980	-3.4937	-5.2393	2.100	0.0153	0.0474	0.0878
0.875	-2.6479	-3.2557	-4.7113	2.125	-.0027	0.0471	0.0798
0.900	-2.4529	-3.0085	-4.2055	2.150	0.0045	0.0435	0.0734
0.925	-2.0712	-2.6109	-3.6719	2.175	0.0030	0.0400	0.0678
0.950	-1.4940	-2.0646	-2.9667	2.200	0.0072	0.0365	0.0637
0.975	-.8709	-1.2574	-1.9802	2.225	0.0112	0.0321	0.0598
1.000	-.1832	-.4234	-.8488	2.250	0.0039	0.0282	0.0561
1.025	0.3096	0.2321	0.1536	2.275	0.0009	0.0254	0.0522
1.050	0.5958	0.7404	0.8571	2.300	-.0116	0.0205	0.0478
1.075	0.7829	0.9652	1.2429	2.325	0.0043	0.0163	0.0429
1.100	0.8234	1.0854	1.3885	2.350	-.0086	0.0137	0.0388
1.125	0.8043	1.0622	1.3907	2.375	-.0073	0.0115	0.0339
1.150	0.7610	1.0024	1.3263	2.400	0.0025	0.0095	0.0285
1.175	0.7247	0.9100	1.2360	2.425	0.0135	0.0082	0.0234
1.200	0.6371	0.8191	1.1439	2.450	0.0028	0.0072	0.0186
1.225	0.5500	0.7337	1.0594	2.475	0.0119	0.0051	0.0143
1.250	0.4909	0.6542	0.9862	2.500	0.0050	0.0077	0.0095

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.134 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
	-8.4006	-7.3121	-32.7551	1.275	0.4153	0.6196	1.2173
	-8.3527	-7.2501	-32.3913	1.300	0.3499	0.5656	1.1637
	-8.2620	-7.2462	-31.8178	1.325	0.3201	0.5202	1.1133
	-8.1561	-7.2561	-31.0820	1.350	0.2925	0.4791	1.0644
5	-8.0173	-7.2765	-30.2273	1.375	0.2438	0.4444	1.0164
0	-7.8659	-7.3040	-29.2916	1.400	0.2254	0.4149	0.9684
5	-7.6918	-7.3393	-28.3047	1.425	0.2004	0.3832	0.9210
00	-7.5106	-7.3792	-27.2900	1.450	0.2018	0.3557	0.8782
.25	-7.3151	-7.4229	-26.2633	1.475	0.1738	0.3320	0.8327
250	-7.1173	-7.4675	-25.2316	1.500	0.1591	0.3108	0.7883
275	-6.9112	-7.5076	-24.2017	1.525	0.1436	0.2910	0.7458
.300	-6.7064	-7.5391	-23.1790	1.550	0.1311	0.2704	0.7033
.325	-6.4970	-7.5551	-22.1663	1.575	0.1190	0.2526	0.6651
0.350	-6.2912	-7.5526	-21.1636	1.600	0.1139	0.2362	0.6255
0.375	-6.0834	-7.5191	-20.1727	1.625	0.1079	0.2194	0.5891
0.400	-5.8804	-7.4591	-19.1970	1.650	0.0943	0.2038	0.5554
0.425	-5.6769	-7.3667	-18.2363	1.675	0.0870	0.1886	0.5243
0.450	-5.4791	-7.2473	-17.2916	1.700	0.0846	0.1750	0.4971
0.475	-5.2815	-7.0948	-16.3627	1.725	0.0773	0.1643	0.4728
0.500	-5.0899	-6.9205	-15.4530	1.750	0.0801	0.1516	0.4500
0.525	-4.8991	-6.7237	-14.5623	1.775	0.0778	0.1437	0.4297
0.550	-4.7147	-6.5109	-13.6925	1.800	0.0659	0.1358	0.4127
0.575	-4.5313	-6.2808	-12.8418	1.825	0.0552	0.1275	0.3934
0.600	-4.3545	-6.0413	-12.0140	1.850	0.0665	0.1210	0.3756
0.625	-4.1791	-5.7930	-11.2102	1.875	0.0543	0.1148	0.3552
0.650	-4.0099	-5.5392	-10.4295	1.900	0.0464	0.1094	0.3342
0.675	-3.8424	-5.2804	-9.6716	1.925	0.0410	0.1055	0.3124
0.700	-3.6816	-5.0201	-8.9399	1.950	0.0459	0.1005	0.2880
0.725	-3.5224	-4.7597	-8.2335	1.975	0.0465	0.0966	0.2627
0.750	-3.3701	-4.5002	-7.5529	2.000	0.0346	0.0936	0.2395
0.775	-3.2195	-4.2429	-6.8975	2.025	0.0339	0.0923	0.2175
0.800	-3.0759	-3.9891	-6.2693	2.050	0.0313	0.0884	0.1968
0.825	-2.9342	-3.7405	-5.6678	2.075	0.0275	0.0844	0.1778
0.850	-2.7990	-3.4967	-5.0934	2.100	0.0233	0.0838	0.1604
0.875	-2.6518	-3.2544	-4.5461	2.125	0.0212	0.0783	0.1474
0.900	-2.4492	-3.0032	-4.0226	2.150	0.0259	0.0739	0.1340
0.925	-2.0743	-2.6054	-3.4747	2.175	0.0199	0.0689	0.1226
0.950	-1.5064	-2.0600	-2.7630	2.200	0.0186	0.0640	0.1110
0.975	-.8533	-1.2581	-1.7821	2.225	0.0204	0.0579	0.1012
1.000	-.2129	-.4339	-.6577	2.250	0.0213	0.0517	0.0906
1.025	0.2627	0.2224	0.3406	2.275	0.0261	0.0486	0.0819
1.050	0.5953	0.7259	1.0497	2.300	0.0293	0.0426	0.0742
1.075	0.7298	0.9517	1.4438	2.325	0.0289	0.0384	0.0661
1.100	0.8286	1.0623	1.6081	2.350	0.0241	0.0344	0.0571
1.125	0.7954	1.0585	1.6305	2.375	0.0273	0.0299	0.0506
1.150	0.7373	1.0109	1.5796	2.400	0.0310	0.0298	0.0421
1.175	0.6875	0.9266	1.5034	2.425	0.0293	0.0237	0.0344
1.200	0.5799	0.8390	1.4236	2.450	0.0245	0.0207	0.0274
1.225	0.5290	0.7573	1.3470	2.475	0.0294	0.0180	0.0227
1.250	0.4689	0.6797	1.2795	2.500	0.0209	0.0169	0.0167

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.134 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.3961	-7.3046	-32.6381	1.275	0.4400	0.5922	1.0327
0.050	-8.3454	-7.2428	-32.2753	1.300	0.3833	0.5295	0.9808
0.075	-8.2550	-7.2389	-31.7048	1.325	0.3313	0.4882	0.9311
0.100	-8.1485	-7.2487	-30.9710	1.350	0.2880	0.4428	0.8839
0.125	-8.0103	-7.2691	-30.1193	1.375	0.2590	0.4147	0.8402
0.150	-7.8587	-7.2967	-29.1876	1.400	0.2315	0.3774	0.7963
0.175	-7.6853	-7.3321	-28.2047	1.425	0.2022	0.3527	0.7517
0.200	-7.5040	-7.3722	-27.1960	1.450	0.1882	0.3236	0.7088
0.225	-7.3092	-7.4161	-26.1743	1.475	0.1765	0.3028	0.6647
0.250	-7.1114	-7.4610	-25.1496	1.500	0.1712	0.2799	0.6276
0.275	-6.9058	-7.5013	-24.1267	1.525	0.1730	0.2593	0.5871
0.300	-6.7009	-7.5331	-23.1110	1.550	0.1428	0.2373	0.5511
0.325	-6.4920	-7.5494	-22.1063	1.575	0.1390	0.2199	0.5161
0.350	-6.2861	-7.5472	-21.1116	1.600	0.1300	0.2035	0.4818
0.375	-6.0787	-7.5139	-20.1297	1.625	0.1227	0.1885	0.4505
0.400	-5.8757	-7.4541	-19.1630	1.650	0.1063	0.1734	0.4213
0.425	-5.6726	-7.3619	-18.2103	1.675	0.0933	0.1617	0.3968
0.450	-5.4748	-7.2426	-17.2745	1.700	0.0979	0.1489	0.3734
0.475	-5.2777	-7.0902	-16.3547	1.725	0.0919	0.1382	0.3534
0.500	-5.0863	-6.9161	-15.4540	1.750	0.0773	0.1285	0.3367
0.525	-4.8960	-6.7196	-14.5733	1.775	0.0815	0.1188	0.3224
0.550	-4.7118	-6.5071	-13.7115	1.800	0.0751	0.1087	0.3099
0.575	-4.5289	-6.2776	-12.8708	1.825	0.0618	0.1012	0.2980
0.600	-4.3522	-6.0386	-12.0520	1.850	0.0553	0.0929	0.2835
0.625	-4.1772	-5.7911	-11.2572	1.875	0.0498	0.0871	0.2713
0.650	-4.0083	-5.5382	-10.4844	1.900	0.0467	0.0827	0.2558
0.675	-3.8412	-5.2804	-9.7363	1.925	0.0494	0.0799	0.2371
0.700	-3.6805	-5.0212	-9.0133	1.950	0.0453	0.0779	0.2194
0.725	-3.5217	-4.7621	-8.3154	1.975	0.0385	0.0747	0.1990
0.750	-3.3694	-4.5038	-7.6432	2.000	0.0312	0.0708	0.1800
0.775	-3.2193	-4.2478	-6.9960	2.025	0.0363	0.0699	0.1613
0.800	-3.0756	-3.9954	-6.3758	2.050	0.0272	0.0677	0.1459
0.825	-2.9343	-3.7481	-5.7821	2.075	0.0309	0.0638	0.1309
0.850	-2.7988	-3.5057	-5.2152	2.100	0.0230	0.0611	0.1178
0.875	-2.6545	-3.2645	-4.6751	2.125	0.0251	0.0592	0.1069
0.900	-2.4444	-3.0145	-4.1583	2.150	0.0291	0.0572	0.0983
0.925	-2.0794	-2.6197	-3.6171	2.175	0.0221	0.0522	0.0893
0.950	-1.4939	-2.0745	-2.9100	2.200	0.0322	0.0463	0.0815
0.975	-.8308	-1.2778	-1.9339	2.225	0.0193	0.0429	0.0747
1.000	-.2021	-.4595	-.8171	2.250	0.0220	0.0388	0.0677
1.025	0.3217	0.1971	0.1804	2.275	0.0269	0.0327	0.0613
1.050	0.6063	0.6999	0.8821	2.300	0.0277	0.0274	0.0550
1.075	0.7622	0.9251	1.2739	2.325	0.0147	0.0249	0.0487
1.100	0.8166	1.0428	1.4315	2.350	0.0263	0.0234	0.0429
1.125	0.7954	1.0303	1.4537	2.375	0.0167	0.0194	0.0368
1.150	0.7453	0.9793	1.4000	2.400	0.0137	0.0163	0.0309
1.175	0.6969	0.8990	1.3212	2.425	0.0182	0.0137	0.0258
1.200	0.6185	0.8110	1.2383	2.450	0.0173	0.0133	0.0217
1.225	0.5594	0.7276	1.1625	2.475	0.0135	0.0116	0.0165
1.250	0.5178	0.6545	1.0944	2.500	0.0208	0.0112	0.0131

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.177 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.0572	-6.7197	-30.8881	1.275	0.4172	0.6292	1.1918
0.050	-8.0125	-6.6980	-30.5253	1.300	0.3760	0.5706	1.1320
0.075	-7.9251	-6.7050	-29.9578	1.325	0.3368	0.5274	1.0748
0.100	-7.8177	-6.7210	-29.2330	1.350	0.2926	0.4862	1.0179
0.125	-7.6799	-6.7452	-28.3953	1.375	0.2731	0.4483	0.9666
0.150	-7.5282	-6.7755	-27.4845	1.400	0.2396	0.4114	0.9136
0.175	-7.3563	-6.8134	-26.5267	1.425	0.2199	0.3840	0.8617
0.200	-7.1769	-6.8562	-25.5470	1.450	0.1935	0.3577	0.8119
0.225	-6.9853	-6.9034	-24.5563	1.475	0.1847	0.3324	0.7666
0.250	-6.7915	-6.9522	-23.5656	1.500	0.1643	0.3080	0.7260
0.275	-6.5909	-6.9983	-22.5777	1.525	0.1480	0.2867	0.6817
0.300	-6.3917	-7.0371	-21.5990	1.550	0.1415	0.2662	0.6435
0.325	-6.1891	-7.0613	-20.6323	1.575	0.1329	0.2469	0.6071
0.350	-5.9901	-7.0678	-19.6786	1.600	0.1209	0.2302	0.5711
0.375	-5.7898	-7.0444	-18.7377	1.625	0.1073	0.2157	0.5353
0.400	-5.5943	-6.9949	-17.8140	1.650	0.1015	0.2029	0.5049
0.425	-5.3987	-6.9129	-16.9063	1.675	0.0938	0.1873	0.4733
0.450	-5.2086	-6.8042	-16.0165	1.700	0.0882	0.1768	0.4434
0.475	-5.0191	-6.6633	-15.1437	1.725	0.0917	0.1643	0.4192
0.500	-4.8354	-6.5011	-14.2910	1.750	0.0756	0.1551	0.3931
0.525	-4.6528	-6.3164	-13.4582	1.775	0.0729	0.1461	0.3739
0.550	-4.4762	-6.1161	-12.6445	1.800	0.0672	0.1352	0.3499
0.575	-4.3011	-5.8994	-11.8508	1.825	0.0590	0.1275	0.3307
0.600	-4.1319	-5.6734	-11.0800	1.850	0.0597	0.1194	0.3116
0.625	-3.9648	-5.4386	-10.3302	1.875	0.0543	0.1134	0.2936
0.650	-3.8032	-5.1985	-9.6026	1.900	0.0483	0.1058	0.2727
0.675	-3.6438	-4.9537	-8.8970	1.925	0.0496	0.1009	0.2539
0.700	-3.4905	-4.7076	-8.2153	1.950	0.0448	0.0955	0.2346
0.725	-3.3393	-4.4612	-7.5573	1.975	0.0382	0.0926	0.2141
0.750	-3.1942	-4.2157	-6.9232	2.000	0.0399	0.0895	0.1959
0.775	-3.0515	-3.9727	-6.3127	2.025	0.0399	0.0841	0.1796
0.800	-2.9148	-3.7332	-5.7279	2.050	0.0356	0.0791	0.1628
0.825	-2.7808	-3.4987	-5.1685	2.075	0.0280	0.0754	0.1476
0.850	-2.6525	-3.2690	-4.6350	2.100	0.0301	0.0722	0.1346
0.875	-2.5161	-3.0410	-4.1275	2.125	0.0254	0.0678	0.1220
0.900	-2.3198	-2.8051	-3.6431	2.150	0.0244	0.0630	0.1088
0.925	-1.9732	-2.4314	-3.1406	2.175	0.0237	0.0601	0.0990
0.950	-1.4411	-1.9205	-2.4930	2.200	0.0232	0.0551	0.0893
0.975	-.7915	-1.1682	-1.6051	2.225	0.0230	0.0513	0.0795
1.000	-.1796	-.3855	-.5845	2.250	0.0229	0.0484	0.0714
1.025	0.2589	0.2330	0.3352	2.275	0.0232	0.0440	0.0644
1.050	0.5644	0.7198	1.0021	2.300	0.0218	0.0406	0.0575
1.075	0.7320	0.9417	1.3856	2.325	0.0224	0.0379	0.0496
1.100	0.7811	1.0649	1.5522	2.350	0.0203	0.0328	0.0455
1.125	0.7827	1.0490	1.5860	2.375	0.0222	0.0297	0.0386
1.150	0.7329	1.0039	1.5484	2.400	0.0196	0.0266	0.0315
1.175	0.6675	0.9202	1.4781	2.425	0.0218	0.0240	0.0254
1.200	0.6002	0.8403	1.4008	2.450	0.0205	0.0232	0.0232
1.225	0.5330	0.7625	1.3297	2.475	0.0179	0.0201	0.0189
1.250	0.4772	0.6896	1.2589	2.500	0.0164	0.0179	0.0156

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.177 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-8.0537	-6.7191	-30.8041	1.275	0.4306	0.5972	1.0385
0.050	-8.0060	-6.6898	-30.4433	1.300	0.3783	0.5379	0.9791
0.075	-7.9188	-6.6952	-29.8788	1.325	0.3402	0.4929	0.9247
0.100	-7.8105	-6.7106	-29.1570	1.350	0.3073	0.4488	0.8706
0.125	-7.6732	-6.7346	-28.3243	1.375	0.2764	0.4142	0.8177
0.150	-7.5209	-6.7650	-27.4165	1.400	0.2466	0.3792	0.7704
0.175	-7.3495	-6.8032	-26.4637	1.425	0.2273	0.3517	0.7214
0.200	-7.1698	-6.8463	-25.4880	1.450	0.2097	0.3240	0.6755
0.225	-6.9787	-6.8937	-24.5023	1.475	0.1882	0.2995	0.6329
0.250	-6.7846	-6.9429	-23.5166	1.500	0.1687	0.2748	0.5935
0.275	-6.5845	-6.9893	-22.5337	1.525	0.1542	0.2551	0.5569
0.300	-6.3849	-7.0285	-21.5620	1.550	0.1453	0.2330	0.5230
0.325	-6.1828	-7.0531	-20.6013	1.575	0.1285	0.2165	0.4905
0.350	-5.9835	-7.0600	-19.6536	1.600	0.1238	0.2009	0.4599
0.375	-5.7836	-7.0370	-18.7197	1.625	0.1151	0.1859	0.4294
0.400	-5.5878	-6.9881	-17.8030	1.650	0.1074	0.1709	0.4032
0.425	-5.3925	-6.9066	-16.9023	1.675	0.0966	0.1581	0.3776
0.450	-5.2021	-6.7986	-16.0205	1.700	0.0907	0.1467	0.3544
0.475	-5.0130	-6.6584	-15.1547	1.725	0.0845	0.1352	0.3316
0.500	-4.8291	-6.4968	-14.3100	1.750	0.0773	0.1261	0.3109
0.525	-4.6469	-6.3130	-13.4842	1.775	0.0749	0.1169	0.2944
0.550	-4.4702	-6.1135	-12.6785	1.800	0.0707	0.1088	0.2778
0.575	-4.2955	-5.8977	-11.8928	1.825	0.0620	0.1005	0.2614
0.600	-4.1264	-5.6726	-11.1290	1.850	0.0600	0.0934	0.2470
0.625	-3.9595	-5.4388	-10.3872	1.875	0.0552	0.0868	0.2315
0.650	-3.7982	-5.1998	-9.6667	1.900	0.0503	0.0820	0.2164
0.675	-3.6391	-4.9562	-8.9683	1.925	0.0513	0.0768	0.2015
0.700	-3.4860	-4.7113	-8.2937	1.950	0.0424	0.0718	0.1861
0.725	-3.3351	-4.4662	-7.6424	1.975	0.0411	0.0687	0.1711
0.750	-3.1902	-4.2219	-7.0149	2.000	0.0378	0.0640	0.1584
0.775	-3.0477	-3.9802	-6.4108	2.025	0.0350	0.0615	0.1441
0.800	-2.9114	-3.7419	-5.8322	2.050	0.0316	0.0581	0.1310
0.825	-2.7776	-3.5087	-5.2788	2.075	0.0318	0.0553	0.1187
0.850	-2.6496	-3.2803	-4.7509	2.100	0.0269	0.0523	0.1076
0.875	-2.5131	-3.0535	-4.2487	2.125	0.0249	0.0486	0.0967
0.900	-2.3162	-2.8186	-3.7695	2.150	0.0253	0.0458	0.0874
0.925	-1.9646	-2.4476	-3.2714	2.175	0.0202	0.0433	0.0799
0.950	-1.4205	-1.9399	-2.6281	2.200	0.0199	0.0389	0.0710
0.975	-.7791	-1.1884	-1.7448	2.225	0.0186	0.0356	0.0640
1.000	-.1728	-.4144	-.7254	2.250	0.0186	0.0324	0.0567
1.025	0.2796	0.2089	0.1909	2.275	0.0188	0.0294	0.0512
1.050	0.5851	0.6919	0.8521	2.300	0.0174	0.0255	0.0449
1.075	0.7502	0.9122	1.2349	2.325	0.0169	0.0236	0.0397
1.100	0.8059	1.0271	1.3965	2.350	0.0168	0.0212	0.0348
1.125	0.7923	1.0178	1.4314	2.375	0.0182	0.0188	0.0302
1.150	0.7433	0.9737	1.3902	2.400	0.0154	0.0175	0.0261
1.175	0.6832	0.8946	1.3229	2.425	0.0158	0.0136	0.0221
1.200	0.6194	0.8155	1.2478	2.450	0.0136	0.0120	0.0192
1.225	0.5469	0.7352	1.1705	2.475	0.0137	0.0104	0.0144
1.250	0.4863	0.6602	1.1001	2.500	0.0132	0.0097	0.0117

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.257 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-7.0751	-5.4604	-25.7251	1.275	0.4249	0.6003	1.0234
0.050	-7.0292	-5.4512	-25.3892	1.300	0.3791	0.5456	0.9642
0.075	-6.9495	-5.4616	-24.8698	1.325	0.3414	0.4973	0.8992
0.100	-6.8459	-5.4795	-24.2140	1.350	0.3054	0.4536	0.8430
0.125	-6.7191	-5.5053	-23.4622	1.375	0.2754	0.4154	0.7960
0.150	-6.5767	-5.5371	-22.6515	1.400	0.2497	0.3802	0.7400
0.175	-6.4204	-5.5764	-21.8067	1.425	0.2253	0.3482	0.6889
0.200	-6.2558	-5.6210	-20.9480	1.450	0.2046	0.3209	0.6452
0.225	-6.0840	-5.6712	-20.0863	1.475	0.1873	0.2963	0.6046
0.250	-5.9091	-5.7245	-19.2295	1.500	0.1716	0.2717	0.5673
0.275	-5.7313	-5.7773	-18.3818	1.525	0.1576	0.2498	0.5283
0.300	-5.5537	-5.8254	-17.5470	1.550	0.1432	0.2306	0.4969
0.325	-5.3757	-5.8617	-16.7272	1.575	0.1318	0.2132	0.4635
0.350	-5.2000	-5.8827	-15.9235	1.600	0.1208	0.1978	0.4423
0.375	-5.0252	-5.8777	-15.1348	1.625	0.1125	0.1832	0.4104
0.400	-4.8537	-5.8492	-14.3660	1.650	0.1031	0.1691	0.3815
0.425	-4.6839	-5.7906	-13.6142	1.675	0.0967	0.1562	0.3626
0.450	-4.5180	-5.7079	-12.8804	1.700	0.0872	0.1460	0.3393
0.475	-4.3542	-5.5968	-12.1648	1.725	0.0801	0.1368	0.3176
0.500	-4.1947	-5.4663	-11.4680	1.750	0.0745	0.1282	0.2959
0.525	-4.0374	-5.3155	-10.7892	1.775	0.0676	0.1186	0.2793
0.550	-3.8846	-5.1508	-10.1294	1.800	0.0636	0.1109	0.2588
0.575	-3.7342	-4.9720	-9.4880	1.825	0.0587	0.1044	0.2413
0.600	-3.5885	-4.7848	-8.8657	1.850	0.0540	0.0949	0.2256
0.625	-3.4453	-4.5896	-8.2623	1.875	0.0511	0.0894	0.2116
0.650	-3.3066	-4.3898	-7.6777	1.900	0.0439	0.0826	0.1964
0.675	-3.1705	-4.1861	-7.1116	1.925	0.0409	0.0776	0.1832
0.700	-3.0392	-3.9811	-6.5654	1.950	0.0392	0.0763	0.1655
0.725	-2.9105	-3.7758	-6.0387	1.975	0.0356	0.0711	0.1576
0.750	-2.7866	-3.5712	-5.5315	2.000	0.0308	0.0668	0.1445
0.775	-2.6653	-3.3689	-5.0436	2.025	0.0287	0.0620	0.1351
0.800	-2.5490	-3.1697	-4.5766	2.050	0.0293	0.0570	0.1263
0.825	-2.4355	-2.9747	-4.1303	2.075	0.0274	0.0546	0.1166
0.850	-2.3265	-2.7839	-3.7053	2.100	0.0256	0.0508	0.1035
0.875	-2.2107	-2.5948	-3.3016	2.125	0.0242	0.0480	0.0936
0.900	-2.0448	-2.3994	-2.9174	2.150	0.0203	0.0438	0.0866
0.925	-1.7352	-2.0852	-2.5227	2.175	0.0198	0.0418	0.0765
0.950	-1.2581	-1.6538	-2.0218	2.200	0.0201	0.0376	0.0659
0.975	-.6929	-1.0041	-1.3367	2.225	0.0171	0.0347	0.0608
1.000	-.1601	-.3246	-.5349	2.250	0.0150	0.0315	0.0554
1.025	0.2604	0.2268	0.2130	2.275	0.0168	0.0290	0.0468
1.050	0.5362	0.6612	0.7827	2.300	0.0152	0.0247	0.0428
1.075	0.6814	0.8638	1.1230	2.325	0.0119	0.0235	0.0379
1.100	0.7417	0.9779	1.2962	2.350	0.0126	0.0211	0.0350
1.125	0.7364	0.9767	1.3489	2.375	0.0118	0.0203	0.0271
1.150	0.6993	0.9392	1.3316	2.400	0.0121	0.0193	0.0251
1.175	0.6452	0.8751	1.2870	2.425	0.0120	0.0163	0.0226
1.200	0.5907	0.8029	1.2178	2.450	0.0109	0.0142	0.0183
1.225	0.5263	0.7295	1.1501	2.475	0.0096	0.0132	0.0175
1.250	0.4752	0.6622	1.0911	2.500	0.0071	0.0104	0.0155

DIRECT CORRELATION FUNCTIONS FOR $T^* = 2.0$

$\sigma_{22}/\sigma_{11} = 2.00$ $\rho^* = 0.257$ $x_1 = 0.7500$ $\epsilon_{22}/\epsilon_{11} = 2.00$

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-7.0711	-5.4234	-25.6931	1.275	0.4231	0.5861	0.9135
0.050	-7.0244	-5.4225	-25.3592	1.300	0.3762	0.5277	0.8566
0.075	-6.9441	-5.4352	-24.8418	1.325	0.3385	0.4814	0.7959
0.100	-6.8404	-5.4544	-24.1870	1.350	0.3008	0.4361	0.7396
0.125	-6.7132	-5.4810	-23.4382	1.375	0.2713	0.3988	0.6889
0.150	-6.5708	-5.5136	-22.6305	1.400	0.2468	0.3642	0.6375
0.175	-6.4141	-5.5536	-21.7887	1.425	0.2200	0.3327	0.5913
0.200	-6.2493	-5.5991	-20.9330	1.450	0.2022	0.3035	0.5491
0.225	-6.0771	-5.6503	-20.0753	1.475	0.1839	0.2784	0.5117
0.250	-5.9020	-5.7045	-19.2215	1.500	0.1675	0.2541	0.4763
0.275	-5.7239	-5.7584	-18.3778	1.525	0.1533	0.2312	0.4453
0.300	-5.5461	-5.8076	-17.5470	1.550	0.1400	0.2121	0.4126
0.325	-5.3681	-5.8451	-16.7302	1.575	0.1274	0.1958	0.3819
0.350	-5.1921	-5.8672	-15.9305	1.600	0.1169	0.1809	0.3590
0.375	-5.0174	-5.8633	-15.1468	1.625	0.1100	0.1671	0.3364
0.400	-4.8457	-5.8360	-14.3820	1.650	0.0996	0.1540	0.3111
0.425	-4.6761	-5.7784	-13.6352	1.675	0.0944	0.1424	0.2907
0.450	-4.5101	-5.6968	-12.9064	1.700	0.0835	0.1327	0.2689
0.475	-4.3466	-5.5868	-12.1958	1.725	0.0771	0.1236	0.2514
0.500	-4.1870	-5.4574	-11.5040	1.750	0.0685	0.1145	0.2337
0.525	-4.0300	-5.3077	-10.8302	1.775	0.0645	0.1055	0.2178
0.550	-3.8772	-5.1441	-10.1754	1.800	0.0561	0.0991	0.2018
0.575	-3.7271	-4.9664	-9.5387	1.825	0.0525	0.0921	0.1889
0.600	-3.5814	-4.7804	-8.9210	1.850	0.0477	0.0849	0.1744
0.625	-3.4385	-4.5864	-8.3219	1.875	0.0452	0.0805	0.1635
0.650	-3.2998	-4.3877	-7.7415	1.900	0.0407	0.0739	0.1517
0.675	-3.1640	-4.1852	-7.1793	1.925	0.0375	0.0685	0.1399
0.700	-3.0328	-3.9814	-6.6368	1.950	0.0335	0.0641	0.1297
0.725	-2.9044	-3.7772	-6.1135	1.975	0.0311	0.0591	0.1188
0.750	-2.7805	-3.5737	-5.6097	2.000	0.0297	0.0541	0.1074
0.775	-2.6597	-3.3725	-5.1252	2.025	0.0274	0.0512	0.1006
0.800	-2.5435	-3.1743	-4.6613	2.050	0.0260	0.0472	0.0924
0.825	-2.4304	-2.9803	-4.2181	2.075	0.0228	0.0441	0.0844
0.850	-2.3215	-2.7905	-3.7959	2.100	0.0214	0.0418	0.0766
0.875	-2.2059	-2.6024	-3.3950	2.125	0.0198	0.0384	0.0681
0.900	-2.0384	-2.4076	-3.0132	2.150	0.0182	0.0360	0.0632
0.925	-1.7313	-2.0954	-2.6202	2.175	0.0180	0.0328	0.0573
0.950	-1.2595	-1.6655	-2.1234	2.200	0.0165	0.0301	0.0523
0.975	-.6947	-1.0143	-1.4415	2.225	0.0154	0.0272	0.0457
1.000	-.1557	-.3361	-.6445	2.250	0.0150	0.0256	0.0416
1.025	0.2653	0.2197	0.1032	2.275	0.0107	0.0221	0.0363
1.050	0.5316	0.6481	0.6628	2.300	0.0109	0.0212	0.0311
1.075	0.6811	0.8542	1.0059	2.325	0.0104	0.0192	0.0288
1.100	0.7393	0.9656	1.1820	2.350	0.0082	0.0167	0.0237
1.125	0.7388	0.9650	1.2292	2.375	0.0098	0.0152	0.0219
1.150	0.7068	0.9249	1.2167	2.400	0.0070	0.0143	0.0194
1.175	0.6517	0.8589	1.1715	2.425	0.0069	0.0121	0.0150
1.200	0.5906	0.7838	1.1087	2.450	0.0060	0.0097	0.0131
1.225	0.5278	0.7131	1.0415	2.475	0.0060	0.0085	0.0111
1.250	0.4737	0.6452	0.9811	2.500	0.0043	0.0077	0.0077

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.332 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-5.4360	-3.7061	-17.8290	1.275	0.4172	0.5585	0.7626
0.050	-5.3961	-3.7119	-17.5572	1.300	0.3739	0.5010	0.7082
0.075	-5.3310	-3.7254	-17.1409	1.325	0.3349	0.4551	0.6501
0.100	-5.2456	-3.7444	-16.6170	1.350	0.3016	0.4107	0.5934
0.125	-5.1432	-3.7703	-16.0242	1.375	0.2718	0.3718	0.5434
0.150	-5.0281	-3.8019	-15.3914	1.400	0.2451	0.3352	0.4937
0.175	-4.9037	-3.8401	-14.7398	1.425	0.2201	0.3041	0.4590
0.200	-4.7730	-3.8839	-14.0850	1.450	0.2015	0.2753	0.4150
0.225	-4.6384	-3.9338	-13.4362	1.475	0.1832	0.2503	0.3866
0.250	-4.5017	-3.9875	-12.7984	1.500	0.1681	0.2263	0.3579
0.275	-4.3645	-4.0424	-12.1738	1.525	0.1514	0.2052	0.3269
0.300	-4.2277	-4.0948	-11.5670	1.550	0.1368	0.1875	0.3023
0.325	-4.0922	-4.1392	-10.9772	1.575	0.1265	0.1692	0.2773
0.350	-3.9584	-4.1719	-10.4063	1.600	0.1140	0.1563	0.2583
0.375	-3.8270	-4.1846	-9.8523	1.625	0.1057	0.1436	0.2363
0.400	-3.6978	-4.1787	-9.3169	1.650	0.0953	0.1308	0.2146
0.425	-3.5715	-4.1486	-8.7992	1.675	0.0869	0.1206	0.1947
0.450	-3.4478	-4.0992	-8.2984	1.700	0.0790	0.1103	0.1778
0.475	-3.3269	-4.0280	-7.8139	1.725	0.0717	0.1007	0.1632
0.500	-3.2090	-3.9415	-7.3459	1.750	0.0665	0.0931	0.1545
0.525	-3.0939	-3.8390	-6.8937	1.775	0.0611	0.0854	0.1400
0.550	-2.9818	-3.7260	-6.4569	1.800	0.0555	0.0793	0.1325
0.575	-2.8725	-3.6024	-6.0344	1.825	0.0518	0.0723	0.1241
0.600	-2.7662	-3.4726	-5.6271	1.850	0.0477	0.0650	0.1114
0.625	-2.6627	-3.3368	-5.2343	1.875	0.0423	0.0610	0.1040
0.650	-2.5622	-3.1977	-4.8556	1.900	0.0391	0.0558	0.0930
0.675	-2.4645	-3.0560	-4.4907	1.925	0.0377	0.0514	0.0905
0.700	-2.3697	-2.9136	-4.1401	1.950	0.0346	0.0452	0.0761
0.725	-2.2778	-2.7709	-3.8035	1.975	0.0312	0.0411	0.0767
0.750	-2.1888	-2.6290	-3.4809	2.000	0.0278	0.0368	0.0677
0.775	-2.1026	-2.4890	-3.1719	2.025	0.0248	0.0341	0.0582
0.800	-2.0194	-2.3513	-2.8775	2.050	0.0228	0.0309	0.0561
0.825	-1.9390	-2.2166	-2.5973	2.075	0.0220	0.0293	0.0540
0.850	-1.8613	-2.0852	-2.3315	2.100	0.0199	0.0264	0.0458
0.875	-1.7783	-1.9549	-2.0800	2.125	0.0187	0.0240	0.0459
0.900	-1.6515	-1.8193	-1.8420	2.150	0.0171	0.0214	0.0420
0.925	-1.4085	-1.5891	-1.5998	2.175	0.0142	0.0197	0.0369
0.950	-1.0196	-1.2604	-1.2904	2.200	0.0129	0.0175	0.0396
0.975	-.5472	-.7449	-.8539	2.225	0.0119	0.0166	0.0300
1.000	-.0962	-.1978	-.3287	2.250	0.0114	0.0149	0.0263
1.025	0.2638	0.2612	0.2005	2.275	0.0107	0.0138	0.0241
1.050	0.4994	0.6219	0.6124	2.300	0.0096	0.0118	0.0213
1.075	0.6357	0.8040	0.8685	2.325	0.0089	0.0105	0.0215
1.100	0.6902	0.9080	1.0073	2.350	0.0073	0.0085	0.0199
1.125	0.6923	0.9084	1.0589	2.375	0.0057	0.0087	0.0135
1.150	0.6644	0.8775	1.0445	2.400	0.0051	0.0073	0.0099
1.175	0.6199	0.8149	1.0052	2.425	0.0035	0.0063	0.0095
1.200	0.5688	0.7497	0.9603	2.450	0.0026	0.0048	0.0072
1.225	0.5137	0.6831	0.8950	2.475	0.0030	0.0041	0.0105
1.250	0.4634	0.6174	0.8329	2.500	0.0026	0.0029	0.0077

DIRECT CORRELATION FUNCTIONS FOR T* = 2.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.339 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.3320	-2.7758	-13.3620	1.275	0.4067	0.5441	0.7208
0.050	-4.2999	-2.7828	-13.1401	1.300	0.3651	0.4895	0.6697
0.075	-4.2474	-2.7956	-12.7989	1.325	0.3274	0.4409	0.6077
0.100	-4.1792	-2.8129	-12.3740	1.350	0.2956	0.3983	0.5552
0.125	-4.0972	-2.8365	-11.8931	1.375	0.2661	0.3591	0.5086
0.150	-4.0058	-2.8652	-11.3823	1.400	0.2400	0.3253	0.4595
0.175	-3.9070	-2.8998	-10.8588	1.425	0.2168	0.2933	0.4140
0.200	-3.8039	-2.9394	-10.3360	1.450	0.1955	0.2656	0.3814
0.225	-3.6979	-2.9848	-9.8214	1.475	0.1763	0.2408	0.3562
0.250	-3.5910	-3.0336	-9.3189	1.500	0.1610	0.2163	0.3309
0.275	-3.4838	-3.0840	-8.8309	1.525	0.1455	0.1987	0.3086
0.300	-3.3775	-3.1329	-8.3598	1.550	0.1315	0.1797	0.2783
0.325	-3.2724	-3.1757	-7.9057	1.575	0.1190	0.1649	0.2505
0.350	-3.1692	-3.2093	-7.4686	1.600	0.1085	0.1501	0.2385
0.375	-3.0680	-3.2269	-7.0477	1.625	0.0982	0.1397	0.2129
0.400	-2.9690	-3.2296	-6.6437	1.650	0.0890	0.1283	0.2001
0.425	-2.8723	-3.2126	-6.2555	1.675	0.0810	0.1171	0.1810
0.450	-2.7781	-3.1803	-5.8824	1.700	0.0730	0.1082	0.1662
0.475	-2.6862	-3.1304	-5.5234	1.725	0.0659	0.0997	0.1548
0.500	-2.5968	-3.0685	-5.1787	1.750	0.0598	0.0922	0.1322
0.525	-2.5099	-2.9938	-4.8473	1.775	0.0552	0.0837	0.1343
0.550	-2.4254	-2.9107	-4.5287	1.800	0.0484	0.0772	0.1110
0.575	-2.3432	-2.8195	-4.2220	1.825	0.0459	0.0708	0.1056
0.600	-2.2635	-2.7235	-3.9278	1.850	0.0410	0.0647	0.0908
0.625	-2.1860	-2.6229	-3.6452	1.875	0.0383	0.0600	0.0829
0.650	-2.1110	-2.5199	-3.3740	1.900	0.0348	0.0549	0.0790
0.675	-2.0381	-2.4150	-3.1136	1.925	0.0319	0.0493	0.0696
0.700	-1.9677	-2.3096	-2.8645	1.950	0.0293	0.0443	0.0620
0.725	-1.8994	-2.2041	-2.6263	1.975	0.0264	0.0403	0.0588
0.750	-1.8335	-2.0995	-2.3987	2.000	0.0236	0.0369	0.0586
0.775	-1.7697	-1.9963	-2.1816	2.025	0.0227	0.0344	0.0464
0.800	-1.7082	-1.8948	-1.9756	2.050	0.0197	0.0312	0.0423
0.825	-1.6489	-1.7959	-1.7802	2.075	0.0188	0.0287	0.0387
0.850	-1.5915	-1.6995	-1.5955	2.100	0.0166	0.0255	0.0410
0.875	-1.5294	-1.6033	-1.4217	2.125	0.0150	0.0229	0.0320
0.900	-1.4286	-1.5017	-1.2580	2.150	0.0138	0.0200	0.0305
0.925	-1.2245	-1.3169	-1.0872	2.175	0.0119	0.0189	0.0314
0.950	-.8879	-1.0450	-.8615	2.200	0.0112	0.0168	0.0253
0.975	-.4741	-.6002	-.5320	2.225	0.0100	0.0144	0.0301
1.000	-.0670	-.1202	-.1141	2.250	0.0085	0.0132	0.0277
1.025	0.2601	0.2910	0.3144	2.275	0.0072	0.0113	0.0276
1.050	0.4807	0.6186	0.6334	2.300	0.0070	0.0089	0.0235
1.075	0.6086	0.7815	0.8710	2.325	0.0061	0.0093	0.0152
1.100	0.6582	0.8700	0.9903	2.350	0.0048	0.0071	0.0165
1.125	0.6648	0.8756	1.0246	2.375	0.0035	0.0052	0.0132
1.150	0.6386	0.8523	1.0118	2.400	0.0036	0.0042	0.0102
1.175	0.5992	0.7954	0.9700	2.425	0.0027	0.0033	0.0080
1.200	0.5499	0.7303	0.9165	2.450	0.0022	0.0013	0.0031
1.225	0.4992	0.6644	0.8594	2.475	0.0007	0.0014	0.0018
1.250	0.4529	0.5983	0.7876	2.500	0.0004	0.0015	0.0087

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.076 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.7094	-2.6369	-5.8718	1.275	0.2577	0.1757	0.1311
0.050	-2.7014	-2.6371	-5.8333	1.300	0.3696	0.1616	0.1185
0.075	-2.6892	-2.6392	-5.7716	1.325	0.3241	0.1484	0.1098
0.100	-2.6726	-2.6420	-5.6899	1.350	0.0756	0.1338	0.0992
0.125	-2.6521	-2.6455	-5.5915	1.375	0.1017	0.1141	0.0926
0.150	-2.6281	-2.6490	-5.4802	1.400	0.2221	0.1085	0.0854
0.175	-2.6010	-2.6520	-5.3588	1.425	0.1400	0.1016	0.0788
0.200	-2.5713	-2.6538	-5.2302	1.450	0.0925	0.0895	0.0729
0.225	-2.5395	-2.6540	-5.0964	1.475	0.0474	0.0808	0.0668
0.250	-2.5058	-2.6520	-4.9593	1.500	0.0301	0.0679	0.0623
0.275	-2.4709	-2.6461	-4.8200	1.525	0.1082	0.0606	0.0561
0.300	-2.4348	-2.6368	-4.6797	1.550	0.0825	0.0601	0.0530
0.325	-2.3981	-2.6232	-4.5391	1.575	0.1735	0.0542	0.0490
0.350	-2.3606	-2.6057	-4.3989	1.600	0.0386	0.0429	0.0436
0.375	-2.3230	-2.5827	-4.2594	1.625	0.1206	0.0416	0.0395
0.400	-2.2850	-2.5559	-4.1211	1.650	-.0218	0.0401	0.0376
0.425	-2.2472	-2.5251	-3.9843	1.675	0.0525	0.0399	0.0354
0.450	-2.2093	-2.4909	-3.8493	1.700	0.0612	0.0320	0.0337
0.475	-2.1718	-2.4528	-3.7159	1.725	0.0277	0.0309	0.0304
0.500	-2.1344	-2.4123	-3.5848	1.750	-.0383	0.0320	0.0289
0.525	-2.0975	-2.3696	-3.4558	1.775	0.0586	0.0253	0.0270
0.550	-2.0608	-2.3251	-3.3292	1.800	0.0816	0.0210	0.0268
0.575	-2.0247	-2.2785	-3.2048	1.825	0.0279	0.0217	0.0250
0.600	-1.9889	-2.2311	-3.0831	1.850	-.0053	0.0219	0.0219
0.625	-1.9538	-2.1828	-2.9640	1.875	0.0036	0.0176	0.0198
0.650	-1.9190	-2.1339	-2.8477	1.900	0.0147	0.0175	0.0197
0.675	-1.8849	-2.0845	-2.7340	1.925	0.0396	0.0162	0.0186
0.700	-1.8512	-2.0350	-2.6234	1.950	0.0077	0.0095	0.0156
0.725	-1.8182	-1.9858	-2.5158	1.975	-.0133	0.0112	0.0172
0.750	-1.7856	-1.9366	-2.4113	2.000	-.0045	0.0152	0.0151
0.775	-1.7539	-1.8878	-2.3097	2.025	0.0518	0.0106	0.0120
0.800	-1.7224	-1.8395	-2.2092	2.050	-.0055	0.0113	0.0136
0.825	-1.6919	-1.7845	-2.0913	2.075	-.0516	0.0107	0.0138
0.850	-1.6540	-1.7131	-1.9077	2.100	-.0233	0.0138	0.0115
0.875	-1.5747	-1.5518	-1.6138	2.125	-.0236	0.0063	0.0101
0.900	-1.4464	-1.3073	-1.2298	2.150	-.0280	0.0033	0.0097
0.925	-1.1681	-.9622	-.8362	2.175	-.0537	0.0074	0.0088
0.950	-.7754	-.6029	-.4811	2.200	-.0341	0.0120	0.0065
0.975	-.2524	-.2895	-.2112	2.225	-.0494	0.0048	0.0068
1.000	-.0895	-.0331	-.0253	2.250	-.0339	0.0070	0.0065
1.025	0.3579	0.1214	0.0947	2.275	-.0304	0.0065	0.0070
1.050	0.3824	0.2399	0.1570	2.300	-.0274	0.0040	0.0055
1.075	0.4229	0.2818	0.1942	2.325	-.0383	0.0051	0.0051
1.100	0.5651	0.3046	0.2028	2.350	-.0474	0.0045	0.0042
1.125	0.6808	0.3004	0.2032	2.375	0.0160	0.0066	0.0035
1.150	0.3681	0.2951	0.1931	2.400	-.0418	0.0074	0.0047
1.175	0.5897	0.2788	0.1822	2.425	-.0725	0.0023	0.0037
1.200	0.6239	0.2573	0.1691	2.450	-.0222	-.0002	0.0029
1.225	0.4184	0.2279	0.1571	2.475	-.0801	0.0001	0.0028
1.250	0.2928	0.1931	0.1411	2.500	0.0168	-.0004	0.0015

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.078 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.6895	-2.6014	-5.8239	1.275	0.3015	0.1882	0.1316
0.050	-2.6812	-2.6026	-5.7852	1.300	0.2221	0.1660	0.1238
0.075	-2.6694	-2.6051	-5.7234	1.325	0.1760	0.1497	0.1106
0.100	-2.6526	-2.6082	-5.6416	1.350	0.1876	0.1487	0.1062
0.125	-2.6324	-2.6118	-5.5433	1.375	0.1952	0.1258	0.0974
0.150	-2.6083	-2.6157	-5.4321	1.400	0.1976	0.1069	0.0873
0.175	-2.5814	-2.6189	-5.3109	1.425	0.1188	0.1020	0.0833
0.200	-2.5517	-2.6211	-5.1827	1.450	0.1000	0.0913	0.0801
0.225	-2.5200	-2.6217	-5.0495	1.475	0.1009	0.0818	0.0726
0.250	-2.4865	-2.6202	-4.9131	1.500	0.1144	0.0715	0.0656
0.275	-2.4518	-2.6148	-4.7745	1.525	0.0856	0.0664	0.0627
0.300	-2.4158	-2.6060	-4.6351	1.550	0.0130	0.0584	0.0577
0.325	-2.3792	-2.5930	-4.4955	1.575	-.0001	0.0644	0.0542
0.350	-2.3419	-2.5761	-4.3564	1.600	0.0095	0.0565	0.0501
0.375	-2.3045	-2.5537	-4.2180	1.625	0.0626	0.0481	0.0470
0.400	-2.2667	-2.5275	-4.0810	1.650	0.0242	0.0380	0.0443
0.425	-2.2291	-2.4973	-3.9454	1.675	0.0351	0.0396	0.0441
0.450	-2.1913	-2.4637	-3.8117	1.700	-.0073	0.0385	0.0380
0.475	-2.1540	-2.4262	-3.6796	1.725	-.0084	0.0325	0.0364
0.500	-2.1167	-2.3863	-3.5498	1.750	0.0024	0.0284	0.0331
0.525	-2.0801	-2.3441	-3.4221	1.775	0.0244	0.0257	0.0315
0.550	-2.0435	-2.3001	-3.2968	1.800	-.0358	0.0224	0.0308
0.575	-2.0076	-2.2542	-3.1737	1.825	-.0075	0.0236	0.0284
0.600	-1.9719	-2.2073	-3.0532	1.850	-.0376	0.0179	0.0266
0.625	-1.9371	-2.1596	-2.9354	1.875	-.0355	0.0208	0.0235
0.650	-1.9024	-2.1113	-2.8203	1.900	-.0059	0.0181	0.0226
0.675	-1.8687	-2.0625	-2.7078	1.925	-.0046	0.0140	0.0201
0.700	-1.8351	-2.0137	-2.5983	1.950	0.0098	0.0160	0.0201
0.725	-1.8025	-1.9650	-2.4917	1.975	-.0179	0.0138	0.0185
0.750	-1.7700	-1.9165	-2.3883	2.000	0.0202	0.0083	0.0172
0.775	-1.7387	-1.8683	-2.2877	2.025	-.0131	0.0109	0.0164
0.800	-1.7074	-1.8206	-2.1879	2.050	-.0050	0.0062	0.0147
0.825	-1.6773	-1.7661	-2.0716	2.075	-.0444	0.0112	0.0146
0.850	-1.6445	-1.6969	-1.8902	2.100	-.0032	0.0089	0.0129
0.875	-1.5714	-1.5297	-1.5991	2.125	-.0174	0.0041	0.0118
0.900	-1.4092	-1.2945	-1.2227	2.150	0.0201	0.0090	0.0112
0.925	-1.1432	-.9538	-.8235	2.175	0.0013	0.0065	0.0103
0.950	-.7402	-.5953	-.4780	2.200	0.0145	0.0100	0.0094
0.975	-.4446	-.2878	-.2112	2.225	-.0098	0.0109	0.0086
1.000	-.0643	-.0435	-.0243	2.250	-.0473	0.0059	0.0098
1.025	0.2506	0.1275	0.0954	2.275	0.0145	0.0077	0.0085
1.050	0.3078	0.2495	0.1626	2.300	0.0215	0.0123	0.0060
1.075	0.3051	0.2838	0.1972	2.325	0.0138	0.0066	0.0059
1.100	0.4023	0.3057	0.2074	2.350	-.0046	0.0059	0.0061
1.125	0.4996	0.3223	0.2051	2.375	-.0144	0.0043	0.0055
1.150	0.4297	0.3119	0.1975	2.400	0.0169	0.0043	0.0043
1.175	0.3079	0.2766	0.1863	2.425	0.0127	0.0041	0.0022
1.200	0.3815	0.2542	0.1712	2.450	0.0179	0.0063	0.0043
1.225	0.3519	0.2324	0.1610	2.475	-.0038	0.0030	0.0032
1.250	0.2544	0.2076	0.1440	2.500	0.0161	-.0001	0.0027

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.087 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.6233	-2.4919	-5.6451	1.275	0.2938	0.1983	0.1395
0.050	-2.6153	-2.4938	-5.6064	1.300	0.2465	0.1795	0.1294
0.075	-2.6030	-2.4964	-5.5446	1.325	0.2521	0.1631	0.1164
0.100	-2.5859	-2.4997	-5.4630	1.350	0.2076	0.1436	0.1110
0.125	-2.5650	-2.5036	-5.3654	1.375	0.1794	0.1324	0.1033
0.150	-2.5406	-2.5078	-5.2554	1.400	0.1585	0.1194	0.0965
0.175	-2.5133	-2.5117	-5.1359	1.425	0.1461	0.1086	0.0892
0.200	-2.4834	-2.5148	-5.0098	1.450	0.1359	0.0972	0.0811
0.225	-2.4517	-2.5164	-4.8790	1.475	0.1238	0.0875	0.0774
0.250	-2.4182	-2.5164	-4.7455	1.500	0.1106	0.0793	0.0715
0.275	-2.3837	-2.5128	-4.6100	1.525	0.1150	0.0757	0.0665
0.300	-2.3482	-2.5059	-4.4740	1.550	0.1078	0.0673	0.0653
0.325	-2.3122	-2.4950	-4.3380	1.575	0.0737	0.0638	0.0619
0.350	-2.2755	-2.4800	-4.2027	1.600	0.0807	0.0569	0.0541
0.375	-2.2389	-2.4598	-4.0683	1.625	0.0544	0.0523	0.0522
0.400	-2.2018	-2.4358	-3.9353	1.650	0.0533	0.0476	0.0488
0.425	-2.1652	-2.4077	-3.8040	1.675	0.0480	0.0445	0.0423
0.450	-2.1284	-2.3762	-3.6745	1.700	0.0576	0.0437	0.0433
0.475	-2.0922	-2.3409	-3.5468	1.725	0.0431	0.0373	0.0390
0.500	-2.0558	-2.3032	-3.4214	1.750	0.0486	0.0354	0.0379
0.525	-2.0203	-2.2631	-3.2981	1.775	0.0451	0.0310	0.0369
0.550	-1.9847	-2.2213	-3.1773	1.800	0.0258	0.0286	0.0346
0.575	-1.9501	-2.1775	-3.0587	1.825	0.0147	0.0264	0.0334
0.600	-1.9155	-2.1328	-2.9427	1.850	0.0271	0.0303	0.0308
0.625	-1.8819	-2.0872	-2.8293	1.875	0.0403	0.0280	0.0285
0.650	-1.8482	-2.0411	-2.7187	1.900	0.0225	0.0275	0.0270
0.675	-1.8158	-1.9945	-2.6106	1.925	0.0276	0.0231	0.0255
0.700	-1.7832	-1.9477	-2.5054	1.950	0.0121	0.0235	0.0247
0.725	-1.7519	-1.9012	-2.4032	1.975	0.0249	0.0202	0.0230
0.750	-1.7206	-1.8548	-2.3040	2.000	0.0240	0.0188	0.0218
0.775	-1.6905	-1.8087	-2.2076	2.025	0.0108	0.0196	0.0200
0.800	-1.6605	-1.7630	-2.1122	2.050	0.0326	0.0158	0.0201
0.825	-1.6316	-1.7117	-2.0008	2.075	0.0090	0.0174	0.0177
0.850	-1.5936	-1.6448	-1.8265	2.100	0.0019	0.0154	0.0164
0.875	-1.5295	-1.4847	-1.5440	2.125	0.0163	0.0145	0.0167
0.900	-1.3746	-1.2528	-1.1831	2.150	0.0254	0.0121	0.0146
0.925	-1.0795	-.9179	-.7992	2.175	0.0087	0.0132	0.0145
0.950	-.7413	-.5730	-.4646	2.200	0.0119	0.0153	0.0140
0.975	-.3464	-.2755	-.2029	2.225	-.0017	0.0131	0.0117
1.000	-.0254	-.0308	-.0214	2.250	0.0131	0.0103	0.0114
1.025	0.2143	0.1298	0.0952	2.275	0.0048	0.0095	0.0108
1.050	0.3516	0.2448	0.1584	2.300	0.0094	0.0067	0.0101
1.075	0.4355	0.2832	0.2008	2.325	0.0064	0.0076	0.0112
1.100	0.4896	0.3131	0.2096	2.350	-.0053	0.0082	0.0081
1.125	0.5168	0.3108	0.2125	2.375	0.0011	0.0054	0.0085
1.150	0.4597	0.3075	0.2037	2.400	0.0065	0.0056	0.0084
1.175	0.4431	0.2858	0.1929	2.425	-.0026	0.0042	0.0066
1.200	0.4160	0.2603	0.1768	2.450	0.0078	0.0029	0.0071
1.225	0.3679	0.2409	0.1627	2.475	0.0022	0.0042	0.0052
1.250	0.3061	0.2170	0.1488	2.500	-.0033	0.0057	0.0043

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.105 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.4595	-2.2414	-5.1851	1.275	0.3008	0.1907	0.1389
0.050	-2.4513	-2.2436	-5.1468	1.300	0.2725	0.1715	0.1344
0.075	-2.4384	-2.2468	-5.0860	1.325	0.2432	0.1580	0.1194
0.100	-2.4206	-2.2508	-5.0063	1.350	0.2252	0.1444	0.1101
0.125	-2.3992	-2.2558	-4.9118	1.375	0.1851	0.1272	0.1042
0.150	-2.3742	-2.2614	-4.8061	1.400	0.1806	0.1166	0.0944
0.175	-2.3468	-2.2673	-4.6921	1.425	0.1556	0.1046	0.0864
0.200	-2.3169	-2.2728	-4.5726	1.450	0.1363	0.0961	0.0802
0.225	-2.2857	-2.2775	-4.4495	1.475	0.1145	0.0887	0.0743
0.250	-2.2529	-2.2808	-4.3245	1.500	0.1184	0.0801	0.0702
0.275	-2.2195	-2.2813	-4.1983	1.525	0.1002	0.0716	0.0632
0.300	-2.1851	-2.2789	-4.0721	1.550	0.0996	0.0643	0.0619
0.325	-2.1508	-2.2725	-3.9465	1.575	0.0793	0.0613	0.0596
0.350	-2.1158	-2.2624	-3.8219	1.600	0.0599	0.0541	0.0570
0.375	-2.0813	-2.2472	-3.6985	1.625	0.0670	0.0486	0.0526
0.400	-2.0464	-2.2282	-3.5768	1.650	0.0612	0.0455	0.0492
0.425	-2.0122	-2.2051	-3.4570	1.675	0.0489	0.0417	0.0488
0.450	-1.9779	-2.1787	-3.3392	1.700	0.0445	0.0428	0.0452
0.475	-1.9443	-2.1485	-3.2233	1.725	0.0406	0.0384	0.0431
0.500	-1.9108	-2.1160	-3.1098	1.750	0.0356	0.0349	0.0407
0.525	-1.8781	-2.0811	-2.9985	1.775	0.0271	0.0324	0.0359
0.550	-1.8456	-2.0445	-2.8897	1.800	0.0330	0.0277	0.0328
0.575	-1.8139	-2.0061	-2.7831	1.825	0.0301	0.0249	0.0331
0.600	-1.7825	-1.9667	-2.6791	1.850	0.0353	0.0265	0.0304
0.625	-1.7519	-1.9266	-2.5776	1.875	0.0267	0.0228	0.0290
0.650	-1.7217	-1.8858	-2.4787	1.900	0.0290	0.0229	0.0284
0.675	-1.6922	-1.8447	-2.3823	1.925	0.0226	0.0206	0.0228
0.700	-1.6632	-1.8034	-2.2886	1.950	0.0250	0.0174	0.0260
0.725	-1.6349	-1.7623	-2.1976	1.975	0.0198	0.0171	0.0205
0.750	-1.6071	-1.7213	-2.1095	2.000	0.0175	0.0157	0.0204
0.775	-1.5800	-1.6807	-2.0240	2.025	0.0169	0.0160	0.0188
0.800	-1.5535	-1.6405	-1.9391	2.050	0.0119	0.0153	0.0219
0.825	-1.5273	-1.5944	-1.8398	2.075	0.0109	0.0141	0.0172
0.850	-1.4979	-1.5338	-1.6834	2.100	0.0176	0.0134	0.0186
0.875	-1.4363	-1.3897	-1.4281	2.125	0.0111	0.0130	0.0163
0.900	-1.2911	-1.1803	-1.0964	2.150	0.0124	0.0130	0.0152
0.925	-1.0251	-.8656	-.7487	2.175	0.0169	0.0091	0.0148
0.950	-.6819	-.5448	-.4323	2.200	0.0073	0.0084	0.0123
0.975	-.3378	-.2599	-.1867	2.225	0.0069	0.0091	0.0098
1.000	-.0134	-.0254	-.0183	2.250	0.0089	0.0102	0.0095
1.025	0.2197	0.1172	0.0938	2.275	0.0105	0.0080	0.0096
1.050	0.3687	0.2208	0.1645	2.300	0.0064	0.0052	0.0086
1.075	0.4486	0.2738	0.1960	2.325	0.0060	0.0065	0.0081
1.100	0.4796	0.3023	0.2043	2.350	0.0058	0.0069	0.0068
1.125	0.4981	0.2979	0.2092	2.375	0.0040	0.0064	0.0072
1.150	0.4611	0.2919	0.2019	2.400	0.0092	0.0041	0.0069
1.175	0.4336	0.2723	0.1898	2.425	0.0076	0.0053	0.0058
1.200	0.4083	0.2546	0.1856	2.450	0.0007	0.0053	0.0065
1.225	0.3760	0.2304	0.1692	2.475	0.0044	0.0065	0.0049
1.250	0.3417	0.2087	0.1507	2.500	0.0043	0.0059	0.0040

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.131 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.1906	-1.8940	-4.4552	1.275	0.2897	0.1835	0.1429
0.050	-2.1829	-1.8961	-4.4190	1.300	0.2510	0.1626	0.1266
0.075	-2.1698	-1.8996	-4.3622	1.325	0.2261	0.1539	0.1267
0.100	-2.1529	-1.9042	-4.2884	1.350	0.2095	0.1410	0.1061
0.125	-2.1319	-1.9100	-4.2017	1.375	0.1866	0.1300	0.1085
0.150	-2.1084	-1.9167	-4.1055	1.400	0.1646	0.1168	0.0984
0.175	-2.0821	-1.9241	-4.0029	1.425	0.1462	0.1056	0.0905
0.200	-2.0546	-1.9318	-3.8962	1.450	0.1287	0.0926	0.0802
0.225	-2.0253	-1.9393	-3.7872	1.475	0.1235	0.0862	0.0793
0.250	-1.9956	-1.9460	-3.6773	1.500	0.0985	0.0807	0.0711
0.275	-1.9649	-1.9507	-3.5674	1.525	0.1004	0.0719	0.0719
0.300	-1.9343	-1.9530	-3.4581	1.550	0.0909	0.0697	0.0561
0.325	-1.9032	-1.9518	-3.3499	1.575	0.0828	0.0626	0.0575
0.350	-1.8726	-1.9473	-3.2432	1.600	0.0734	0.0581	0.0449
0.375	-1.8419	-1.9383	-3.1380	1.625	0.0653	0.0506	0.0461
0.400	-1.8117	-1.9257	-3.0347	1.650	0.0581	0.0469	0.0422
0.425	-1.7817	-1.9091	-2.9333	1.675	0.0565	0.0425	0.0447
0.450	-1.7524	-1.8896	-2.8340	1.700	0.0469	0.0379	0.0414
0.475	-1.7233	-1.8666	-2.7368	1.725	0.0402	0.0383	0.0371
0.500	-1.6950	-1.8414	-2.6417	1.750	0.0381	0.0344	0.0310
0.525	-1.6670	-1.8140	-2.5488	1.775	0.0334	0.0310	0.0291
0.550	-1.6397	-1.7850	-2.4581	1.800	0.0335	0.0306	0.0315
0.575	-1.6129	-1.7545	-2.3697	1.825	0.0337	0.0281	0.0268
0.600	-1.5867	-1.7230	-2.2836	1.850	0.0275	0.0235	0.0164
0.625	-1.5610	-1.6908	-2.1998	1.875	0.0292	0.0225	0.0298
0.650	-1.5360	-1.6582	-2.1183	1.900	0.0213	0.0242	0.0159
0.675	-1.5115	-1.6251	-2.0392	1.925	0.0208	0.0226	0.0151
0.700	-1.4875	-1.5920	-1.9625	1.950	0.0168	0.0180	0.0244
0.725	-1.4642	-1.5590	-1.8882	1.975	0.0145	0.0157	0.0177
0.750	-1.4414	-1.5261	-1.8165	2.000	0.0233	0.0168	0.0158
0.775	-1.4193	-1.4936	-1.7472	2.025	0.0130	0.0136	0.0140
0.800	-1.3976	-1.4614	-1.6789	2.050	0.0156	0.0185	0.0149
0.825	-1.3765	-1.4239	-1.5953	2.075	0.0131	0.0163	0.0155
0.850	-1.3516	-1.3728	-1.4657	2.100	0.0066	0.0135	0.0161
0.875	-1.2989	-1.2454	-1.2533	2.125	0.0112	0.0090	0.0179
0.900	-1.1707	-1.0611	-.9638	2.150	0.0052	0.0096	0.0062
0.925	-.9331	-.7751	-.6714	2.175	0.0092	0.0085	0.0100
0.950	-.6147	-.4896	-.3920	2.200	0.0072	0.0083	0.0098
0.975	-.2944	-.2381	-.1775	2.225	0.0057	0.0077	0.0096
1.000	-.0182	-.0192	-.0176	2.250	0.0058	0.0045	0.0125
1.025	0.1834	0.1112	0.0812	2.275	0.0071	0.0050	0.0140
1.050	0.3158	0.2086	0.1551	2.300	0.0039	0.0025	0.0052
1.075	0.3911	0.2547	0.1884	2.325	0.0056	0.0059	0.0094
1.100	0.4388	0.2817	0.1955	2.350	0.0048	0.0052	0.0069
1.125	0.4446	0.2864	0.1966	2.375	0.0061	0.0048	0.0065
1.150	0.4153	0.2782	0.1910	2.400	0.0092	0.0044	0.0096
1.175	0.4088	0.2623	0.1813	2.425	-.0001	0.0042	0.0035
1.200	0.3799	0.2447	0.1747	2.450	0.0034	0.0039	0.0050
1.225	0.3423	0.2243	0.1624	2.475	0.0024	0.0026	0.0056
1.250	0.3100	0.1992	0.1469	2.500	-.0014	0.0053	0.0033

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.151 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-1.9677	-1.6257	-3.8535	1.275	0.2676	0.1811	0.1064
0.050	-1.9600	-1.6277	-3.8195	1.300	0.2448	0.1744	0.1108
0.075	-1.9475	-1.6313	-3.7664	1.325	0.2254	0.1557	0.1074
0.100	-1.9312	-1.6361	-3.6980	1.350	0.1967	0.1392	0.1033
0.125	-1.9112	-1.6424	-3.6182	1.375	0.1755	0.1270	0.0808
0.150	-1.8890	-1.6496	-3.5305	1.400	0.1590	0.1135	0.0890
0.175	-1.8644	-1.6581	-3.4377	1.425	0.1455	0.1058	0.0634
0.200	-1.8387	-1.6671	-3.3420	1.450	0.1276	0.0958	0.0672
0.225	-1.8118	-1.6763	-3.2450	1.475	0.1167	0.0863	0.0448
0.250	-1.7846	-1.6850	-3.1477	1.500	0.1030	0.0759	0.0517
0.275	-1.7568	-1.6924	-3.0510	1.525	0.0959	0.0719	0.0411
0.300	-1.7293	-1.6979	-2.9553	1.550	0.0831	0.0668	0.0309
0.325	-1.7016	-1.7001	-2.8612	1.575	0.0771	0.0592	0.0310
0.350	-1.6744	-1.6993	-2.7687	1.600	0.0704	0.0573	0.0434
0.375	-1.6474	-1.6945	-2.6781	1.625	0.0601	0.0507	0.0338
0.400	-1.6210	-1.6864	-2.5896	1.650	0.0579	0.0426	0.0359
0.425	-1.5949	-1.6745	-2.5031	1.675	0.0530	0.0423	0.0247
0.450	-1.5695	-1.6599	-2.4187	1.700	0.0482	0.0372	0.0289
0.475	-1.5445	-1.6422	-2.3365	1.725	0.0430	0.0355	0.0341
0.500	-1.5202	-1.6225	-2.2565	1.750	0.0379	0.0318	0.0203
0.525	-1.4964	-1.6007	-2.1786	1.775	0.0360	0.0280	0.0177
0.550	-1.4731	-1.5776	-2.1030	1.800	0.0322	0.0284	0.0138
0.575	-1.4505	-1.5531	-2.0295	1.825	0.0313	0.0266	0.0240
0.600	-1.4284	-1.5277	-1.9582	1.850	0.0262	0.0222	0.0220
0.625	-1.4070	-1.5017	-1.8891	1.875	0.0262	0.0197	0.0124
0.650	-1.3860	-1.4753	-1.8221	1.900	0.0226	0.0191	0.0202
0.675	-1.3657	-1.4485	-1.7574	1.925	0.0218	0.0162	0.0029
0.700	-1.3458	-1.4217	-1.6949	1.950	0.0204	0.0170	0.0080
0.725	-1.3267	-1.3951	-1.6345	1.975	0.0137	0.0140	0.0077
0.750	-1.3079	-1.3685	-1.5764	2.000	0.0181	0.0123	0.0045
0.775	-1.2898	-1.3423	-1.5205	2.025	0.0139	0.0124	0.0038
0.800	-1.2721	-1.3163	-1.4647	2.050	0.0121	0.0107	0.0100
0.825	-1.2549	-1.2856	-1.3989	2.075	0.0074	0.0098	0.0064
0.850	-1.2341	-1.2441	-1.2931	2.100	0.0116	0.0105	0.0072
0.875	-1.1869	-1.1302	-1.1042	2.125	0.0086	0.0096	0.0058
0.900	-1.0698	-.9610	-.8572	2.150	0.0075	0.0101	0.0084
0.925	-.8544	-.7121	-.5994	2.175	0.0079	0.0079	-.0013
0.950	-.5708	-.4378	-.3521	2.200	0.0077	0.0049	0.0045
0.975	-.2710	-.2059	-.1667	2.225	0.0049	0.0079	0.0024
1.000	-.0112	-.0144	-.0192	2.250	0.0074	0.0108	0.0007
1.025	0.1743	0.1142	0.0606	2.275	0.0030	0.0063	0.0019
1.050	0.3113	0.2042	0.1055	2.300	0.0046	0.0050	0.0051
1.075	0.3776	0.2475	0.1614	2.325	0.0026	0.0031	0.0005
1.100	0.4054	0.2645	0.1779	2.350	0.0042	0.0020	0.0022
1.125	0.4201	0.2758	0.1730	2.375	0.0023	0.0031	0.0027
1.150	0.4019	0.2696	0.1634	2.400	0.0016	0.0035	0.0051
1.175	0.3821	0.2519	0.1473	2.425	0.0011	0.0037	0.0024
1.200	0.3553	0.2364	0.1420	2.450	0.0001	0.0044	0.0076
1.225	0.3282	0.2156	0.1422	2.475	0.0001	0.0014	0.0029
1.250	0.2964	0.2010	0.1244	2.500	-.0007	0.0020	0.0101

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.158 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 0.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-1.8814	-1.5339	-3.6313	1.275	0.2600	0.1720	0.1118
0.050	-1.8738	-1.5358	-3.5989	1.300	0.2379	0.1605	0.0976
0.075	-1.8618	-1.5394	-3.5481	1.325	0.2130	0.1412	0.0803
0.100	-1.8458	-1.5442	-3.4826	1.350	0.1919	0.1274	0.0717
0.125	-1.8266	-1.5504	-3.4064	1.375	0.1740	0.1177	0.0795
0.150	-1.8049	-1.5577	-3.3228	1.400	0.1581	0.1103	0.0464
0.175	-1.7814	-1.5662	-3.2346	1.425	0.1380	0.0959	0.0767
0.200	-1.7565	-1.5754	-3.1439	1.450	0.1270	0.0860	0.0651
0.225	-1.7309	-1.5850	-3.0522	1.475	0.1196	0.0745	0.0404
0.250	-1.7047	-1.5942	-2.9605	1.500	0.1027	0.0693	0.0474
0.275	-1.6784	-1.6022	-2.8694	1.525	0.0918	0.0611	0.0476
0.300	-1.6521	-1.6085	-2.7796	1.550	0.0830	0.0566	0.0440
0.325	-1.6261	-1.6117	-2.6914	1.575	0.0745	0.0512	0.0469
0.350	-1.6002	-1.6122	-2.6049	1.600	0.0665	0.0444	0.0320
0.375	-1.5749	-1.6087	-2.5204	1.625	0.0599	0.0439	0.0257
0.400	-1.5499	-1.6022	-2.4380	1.650	0.0558	0.0390	0.0225
0.425	-1.5256	-1.5920	-2.3577	1.675	0.0501	0.0362	0.0158
0.450	-1.5017	-1.5792	-2.2795	1.700	0.0472	0.0387	0.0157
0.475	-1.4784	-1.5635	-2.2035	1.725	0.0425	0.0329	0.0490
0.500	-1.4556	-1.5458	-2.1296	1.750	0.0392	0.0289	0.0440
0.525	-1.4335	-1.5261	-2.0578	1.775	0.0330	0.0265	0.0302
0.550	-1.4119	-1.5051	-1.9881	1.800	0.0329	0.0253	0.0364
0.575	-1.3909	-1.4829	-1.9205	1.825	0.0263	0.0229	0.0140
0.600	-1.3704	-1.4598	-1.8549	1.850	0.0260	0.0191	0.0237
0.625	-1.3506	-1.4361	-1.7913	1.875	0.0224	0.0194	0.0092
0.650	-1.3312	-1.4120	-1.7297	1.900	0.0208	0.0202	-.0113
0.675	-1.3125	-1.3876	-1.6702	1.925	0.0181	0.0158	0.0125
0.700	-1.2942	-1.3632	-1.6127	1.950	0.0158	0.0154	0.0114
0.725	-1.2766	-1.3389	-1.5573	1.975	0.0163	0.0163	0.0203
0.750	-1.2593	-1.3147	-1.5039	2.000	0.0131	0.0149	0.0090
0.775	-1.2427	-1.2907	-1.4526	2.025	0.0095	0.0121	0.0059
0.800	-1.2265	-1.2670	-1.4023	2.050	0.0093	0.0130	0.0162
0.825	-1.2109	-1.2389	-1.3431	2.075	0.0095	0.0115	0.0108
0.850	-1.1917	-1.1993	-1.2373	2.100	0.0070	0.0081	0.0011
0.875	-1.1479	-1.0933	-1.0690	2.125	0.0076	0.0089	-.0052
0.900	-1.0360	-.9321	-.8258	2.150	0.0053	0.0063	0.0108
0.925	-.8295	-.6906	-.5781	2.175	0.0035	0.0068	-.0015
0.950	-.5515	-.4331	-.4104	2.200	0.0050	0.0094	0.0062
0.975	-.2663	-.2158	-.1973	2.225	0.0058	0.0088	0.0025
1.000	-.0179	-.0228	-.0475	2.250	0.0040	0.0096	-.0086
1.025	0.1732	0.1011	0.0170	2.275	0.0038	0.0067	-.0003
1.050	0.2970	0.1951	0.1098	2.300	0.0029	0.0044	0.0065
1.075	0.3662	0.2292	0.1550	2.325	0.0026	0.0032	0.0089
1.100	0.3945	0.2572	0.1332	2.350	0.0028	0.0037	0.0224
1.125	0.4052	0.2573	0.1396	2.375	0.0016	0.0045	0.0125
1.150	0.3895	0.2526	0.1527	2.400	0.0016	0.0024	0.0079
1.175	0.3698	0.2352	0.1331	2.425	0.0005	0.0034	0.0097
1.200	0.3485	0.2207	0.1245	2.450	-.0003	0.0036	-.0003
1.225	0.3189	0.2019	0.1540	2.475	-.0030	-.0001	-.0005
1.250	0.2891	0.1852	0.0837	2.500	-.0001	-.0010	0.0078

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.081 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.2829	-2.9982	-8.3146	1.275	0.5021	0.2693	0.2515
0.050	-3.2707	-2.9996	-8.2496	1.300	0.3181	0.2408	0.2277
0.075	-3.2530	-3.0043	-8.1457	1.325	0.1265	0.2059	0.2088
0.100	-3.2278	-3.0108	-8.0089	1.350	0.1920	0.1799	0.1901
0.125	-3.1975	-3.0191	-7.8455	1.375	0.2632	0.1680	0.1732
0.150	-3.1613	-3.0285	-7.6618	1.400	0.1873	0.1572	0.1598
0.175	-3.1212	-3.0385	-7.4632	1.425	0.0806	0.1392	0.1464
0.200	-3.0770	-3.0483	-7.2547	1.450	0.1402	0.1269	0.1351
0.225	-3.0301	-3.0571	-7.0398	1.475	0.0533	0.1132	0.1234
0.250	-2.9804	-3.0644	-6.8210	1.500	0.0726	0.1058	0.1138
0.275	-2.9292	-3.0677	-6.6003	1.525	0.0481	0.0936	0.1060
0.300	-2.8763	-3.0669	-6.3798	1.550	0.0420	0.0837	0.0956
0.325	-2.8228	-3.0608	-6.1603	1.575	0.1065	0.0789	0.0886
0.350	-2.7683	-3.0492	-5.9425	1.600	-.0347	0.0677	0.0820
0.375	-2.7140	-3.0294	-5.7268	1.625	0.0253	0.0644	0.0739
0.400	-2.6590	-3.0036	-5.5143	1.650	0.1211	0.0583	0.0668
0.425	-2.6049	-2.9710	-5.3049	1.675	0.1153	0.0545	0.0610
0.450	-2.5504	-2.9326	-5.0989	1.700	0.0041	0.0494	0.0560
0.475	-2.4970	-2.8873	-4.8963	1.725	0.1135	0.0389	0.0521
0.500	-2.4435	-2.8376	-4.6977	1.750	0.0413	0.0386	0.0491
0.525	-2.3914	-2.7835	-4.5031	1.775	-.0290	0.0337	0.0445
0.550	-2.3393	-2.7261	-4.3123	1.800	0.0836	0.0341	0.0434
0.575	-2.2887	-2.6649	-4.1255	1.825	0.0148	0.0333	0.0391
0.600	-2.2383	-2.6017	-3.9433	1.850	0.0651	0.0275	0.0378
0.625	-2.1894	-2.5368	-3.7655	1.875	-.0475	0.0255	0.0351
0.650	-2.1408	-2.4705	-3.5920	1.900	0.0178	0.0296	0.0330
0.675	-2.0937	-2.4031	-3.4230	1.925	0.0348	0.0210	0.0301
0.700	-2.0469	-2.3353	-3.2588	1.950	0.0191	0.0176	0.0288
0.725	-2.0016	-2.2676	-3.0994	1.975	0.0184	0.0166	0.0271
0.750	-1.9567	-2.1998	-2.9450	2.000	-.0204	0.0098	0.0245
0.775	-1.9134	-2.1326	-2.7954	2.025	0.0504	0.0126	0.0235
0.800	-1.8704	-2.0660	-2.6510	2.050	0.0349	0.0100	0.0209
0.825	-1.8290	-1.9990	-2.5114	2.075	0.0151	0.0121	0.0199
0.850	-1.7880	-1.9284	-2.3695	2.100	-.0187	0.0096	0.0173
0.875	-1.6813	-1.8023	-2.1868	2.125	-.0147	0.0114	0.0166
0.900	-1.5315	-1.6080	-1.8957	2.150	0.0163	0.0060	0.0141
0.925	-1.1545	-1.2594	-1.4661	2.175	-.0341	0.0079	0.0126
0.950	-.6649	-.8532	-.9692	2.200	-.0585	0.0086	0.0116
0.975	-.3806	-.4323	-.4974	2.225	-.0134	0.0083	0.0112
1.000	-.1586	-.0729	-.1216	2.250	-.0149	0.0067	0.0095
1.025	0.1453	0.1831	0.1395	2.275	-.0385	0.0069	0.0085
1.050	0.4451	0.3436	0.3007	2.300	-.0064	0.0079	0.0079
1.075	0.4228	0.4195	0.3786	2.325	-.0304	0.0063	0.0059
1.100	0.4793	0.4608	0.4111	2.350	0.0026	0.0100	0.0071
1.125	0.6565	0.4575	0.4087	2.375	-.0281	0.0055	0.0051
1.150	0.3940	0.4391	0.3881	2.400	-.0155	0.0028	0.0048
1.175	0.4364	0.4067	0.3614	2.425	0.0322	0.0039	0.0044
1.200	0.3859	0.3734	0.3336	2.450	0.0126	0.0009	0.0035
1.225	0.5036	0.3389	0.3035	2.475	0.0247	-.0011	0.0032
1.250	0.2262	0.3034	0.2764	2.500	0.0370	0.0032	0.0020

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.084 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.2678	-2.9943	-8.2719	1.275	0.3670	0.2711	0.2716
0.050	-3.2549	-2.9950	-8.2064	1.300	0.3640	0.2361	0.2466
0.075	-3.2378	-2.9993	-8.1020	1.325	0.3305	0.2131	0.2289
0.100	-3.2124	-3.0054	-7.9646	1.350	0.2329	0.1933	0.2111
0.125	-3.1825	-3.0132	-7.8008	1.375	0.2257	0.1741	0.1954
0.150	-3.1464	-3.0221	-7.6168	1.400	0.1783	0.1534	0.1816
0.175	-3.1068	-3.0317	-7.4180	1.425	0.2177	0.1416	0.1673
0.200	-3.0628	-3.0412	-7.2096	1.450	0.1162	0.1254	0.1549
0.225	-3.0164	-3.0497	-6.9947	1.475	0.1549	0.1176	0.1436
0.250	-2.9671	-3.0566	-6.7761	1.500	0.1570	0.1058	0.1336
0.275	-2.9164	-3.0598	-6.5557	1.525	0.1397	0.0994	0.1243
0.300	-2.8639	-3.0589	-6.3356	1.550	0.1311	0.0889	0.1160
0.325	-2.8109	-3.0526	-6.1165	1.575	0.1067	0.0781	0.1086
0.350	-2.7570	-3.0408	-5.8991	1.600	0.0698	0.0711	0.0988
0.375	-2.7031	-3.0209	-5.6840	1.625	0.0896	0.0662	0.0929
0.400	-2.6488	-2.9949	-5.4720	1.650	0.1005	0.0628	0.0858
0.425	-2.5950	-2.9621	-5.2632	1.675	0.0258	0.0567	0.0796
0.450	-2.5412	-2.9236	-5.0577	1.700	0.0504	0.0536	0.0738
0.475	-2.4882	-2.8781	-4.8556	1.725	0.0576	0.0473	0.0685
0.500	-2.4354	-2.8283	-4.6575	1.750	0.0407	0.0457	0.0639
0.525	-2.3836	-2.7741	-4.4634	1.775	0.0669	0.0375	0.0604
0.550	-2.3321	-2.7165	-4.2732	1.800	0.0237	0.0323	0.0575
0.575	-2.2818	-2.6552	-4.0870	1.825	0.0316	0.0316	0.0556
0.600	-2.2318	-2.5920	-3.9053	1.850	0.0544	0.0264	0.0514
0.625	-2.1832	-2.5271	-3.7280	1.875	0.0561	0.0239	0.0487
0.650	-2.1349	-2.4609	-3.5551	1.900	0.0349	0.0219	0.0478
0.675	-2.0880	-2.3935	-3.3867	1.925	0.0182	0.0223	0.0437
0.700	-2.0416	-2.3259	-3.2231	1.950	0.0286	0.0195	0.0411
0.725	-1.9966	-2.2582	-3.0643	1.975	0.0394	0.0168	0.0379
0.750	-1.9520	-2.1907	-2.9104	2.000	0.0541	0.0142	0.0360
0.775	-1.9089	-2.1236	-2.7614	2.025	0.0489	0.0116	0.0342
0.800	-1.8662	-2.0572	-2.6176	2.050	0.0671	0.0121	0.0309
0.825	-1.8250	-1.9904	-2.4786	2.075	0.0353	0.0146	0.0297
0.850	-1.7766	-1.9204	-2.3377	2.100	0.0239	0.0126	0.0265
0.875	-1.6926	-1.7957	-2.1557	2.125	0.0384	0.0105	0.0254
0.900	-1.5011	-1.6054	-1.8662	2.150	0.0253	0.0090	0.0215
0.925	-1.2102	-1.2524	-1.4437	2.175	0.0238	0.0108	0.0214
0.950	-.7460	-.8383	-.9469	2.200	0.0205	0.0112	0.0194
0.975	-.3531	-.4407	-.4777	2.225	0.0289	0.0106	0.0176
1.000	0.0241	-.0823	-.1017	2.250	0.0170	0.0095	0.0160
1.025	0.2304	0.1497	0.1570	2.275	0.0161	0.0084	0.0138
1.050	0.4768	0.3309	0.3149	2.300	0.0290	0.0044	0.0127
1.075	0.5061	0.4079	0.3952	2.325	0.0409	0.0059	0.0118
1.100	0.5838	0.4515	0.4232	2.350	0.0160	0.0061	0.0112
1.125	0.6265	0.4485	0.4224	2.375	0.0060	0.0069	0.0093
1.150	0.5585	0.4329	0.4105	2.400	0.0045	0.0029	0.0072
1.175	0.5220	0.4030	0.3839	2.425	0.0242	0.0043	0.0063
1.200	0.4275	0.3589	0.3541	2.450	0.0278	0.0043	0.0059
1.225	0.4609	0.3299	0.3208	2.475	0.0293	0.0026	0.0048
1.250	0.4168	0.2939	0.2933	2.500	0.0127	-.0011	0.0027

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.094 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.1407	-2.8071	-7.8218	1.275	0.3067	0.2833	0.2827
0.050	-3.1285	-2.8140	-7.7578	1.300	0.2664	0.2568	0.2553
0.075	-3.1117	-2.8199	-7.6563	1.325	0.2418	0.2307	0.2391
0.100	-3.0864	-2.8269	-7.5232	1.350	0.2351	0.2045	0.2195
0.125	-3.0571	-2.8354	-7.3650	1.375	0.1837	0.1849	0.1993
0.150	-3.0214	-2.8448	-7.1879	1.400	0.1714	0.1640	0.1866
0.175	-2.9828	-2.8550	-6.9975	1.425	0.1429	0.1512	0.1740
0.200	-2.9396	-2.8652	-6.7980	1.450	0.1449	0.1345	0.1639
0.225	-2.8947	-2.8747	-6.5929	1.475	0.1032	0.1251	0.1494
0.250	-2.8466	-2.8829	-6.3848	1.500	0.1206	0.1129	0.1391
0.275	-2.7979	-2.8877	-6.1756	1.525	0.0987	0.1064	0.1322
0.300	-2.7470	-2.8888	-5.9667	1.550	0.0893	0.0995	0.1237
0.325	-2.6963	-2.8847	-5.7592	1.575	0.0753	0.0886	0.1157
0.350	-2.6442	-2.8754	-5.5536	1.600	0.0742	0.0779	0.1054
0.375	-2.5928	-2.8584	-5.3507	1.625	0.0682	0.0732	0.1007
0.400	-2.5406	-2.8355	-5.1507	1.650	0.0786	0.0690	0.0937
0.425	-2.4894	-2.8059	-4.9539	1.675	0.0445	0.0615	0.0874
0.450	-2.4377	-2.7708	-4.7607	1.700	0.0537	0.0575	0.0828
0.475	-2.3874	-2.7291	-4.5710	1.725	0.0580	0.0519	0.0791
0.500	-2.3368	-2.6831	-4.3851	1.750	0.0498	0.0469	0.0724
0.525	-2.2877	-2.6328	-4.2031	1.775	0.0528	0.0434	0.0698
0.550	-2.2385	-2.5794	-4.0250	1.800	0.0579	0.0392	0.0647
0.575	-2.1908	-2.5224	-3.8510	1.825	0.0389	0.0373	0.0612
0.600	-2.1432	-2.4635	-3.6811	1.850	0.0360	0.0335	0.0571
0.625	-2.0971	-2.4030	-3.5154	1.875	0.0428	0.0310	0.0555
0.650	-2.0512	-2.3413	-3.3540	1.900	0.0186	0.0276	0.0502
0.675	-2.0068	-2.2784	-3.1969	1.925	0.0283	0.0288	0.0485
0.700	-1.9628	-2.2152	-3.0442	1.950	0.0324	0.0281	0.0462
0.725	-1.9202	-2.1520	-2.8961	1.975	0.0195	0.0244	0.0418
0.750	-1.8781	-2.0889	-2.7526	2.000	0.0261	0.0213	0.0410
0.775	-1.8373	-2.0262	-2.6137	2.025	0.0056	0.0220	0.0369
0.800	-1.7971	-1.9642	-2.4796	2.050	0.0325	0.0198	0.0342
0.825	-1.7582	-1.9017	-2.3500	2.075	0.0151	0.0189	0.0328
0.850	-1.7150	-1.8364	-2.2181	2.100	0.0117	0.0120	0.0301
0.875	-1.6301	-1.7179	-2.0484	2.125	0.0146	0.0150	0.0271
0.900	-1.4511	-1.5342	-1.7744	2.150	0.0126	0.0155	0.0265
0.925	-1.1489	-1.1947	-1.3717	2.175	0.0171	0.0102	0.0235
0.950	-.7740	-.8035	-.9023	2.200	0.0107	0.0136	0.0210
0.975	-.4042	-.4055	-.4528	2.225	-.0038	0.0115	0.0175
1.000	-.0382	-.0532	-.0888	2.250	-.0072	0.0109	0.0156
1.025	0.2403	0.1733	0.1614	2.275	-.0049	0.0081	0.0152
1.050	0.3573	0.3480	0.3163	2.300	0.0014	0.0096	0.0130
1.075	0.4742	0.4177	0.3974	2.325	-.0048	0.0072	0.0114
1.100	0.5033	0.4553	0.4249	2.350	0.0198	0.0046	0.0126
1.125	0.4905	0.4636	0.4289	2.375	0.0159	0.0059	0.0099
1.150	0.4924	0.4462	0.4118	2.400	-.0020	0.0036	0.0088
1.175	0.4418	0.4117	0.3870	2.425	0.0114	0.0045	0.0063
1.200	0.4119	0.3756	0.3544	2.450	0.0072	0.0048	0.0062
1.225	0.3624	0.3453	0.3316	2.475	-.0013	0.0038	0.0043
1.250	0.3508	0.3203	0.3032	2.500	0.0091	0.0035	0.0040

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.117 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.9350	-2.5540	-7.1697	1.275	0.2870	0.2701	0.2760
0.050	-2.9227	-2.5579	-7.1064	1.300	0.2577	0.2441	0.2536
0.075	-2.9054	-2.5631	-7.0066	1.325	0.2114	0.2198	0.2300
0.100	-2.8801	-2.5697	-6.8766	1.350	0.2080	0.2009	0.2130
0.125	-2.8508	-2.5780	-6.7235	1.375	0.1696	0.1801	0.1975
0.150	-2.8155	-2.5875	-6.5535	1.400	0.1667	0.1641	0.1833
0.175	-2.7777	-2.5983	-6.3720	1.425	0.1461	0.1466	0.1661
0.200	-2.7357	-2.6095	-6.1831	1.450	0.1297	0.1343	0.1549
0.225	-2.6924	-2.6206	-5.9900	1.475	0.1102	0.1242	0.1422
0.250	-2.6465	-2.6308	-5.7950	1.500	0.1030	0.1092	0.1339
0.275	-2.6002	-2.6385	-5.5999	1.525	0.0848	0.0985	0.1229
0.300	-2.5523	-2.6431	-5.4059	1.550	0.0862	0.0928	0.1168
0.325	-2.5047	-2.6429	-5.2138	1.575	0.0724	0.0834	0.1079
0.350	-2.4562	-2.6378	-5.0242	1.600	0.0659	0.0758	0.1019
0.375	-2.4083	-2.6254	-4.8376	1.625	0.0645	0.0706	0.0944
0.400	-2.3602	-2.6073	-4.6542	1.650	0.0478	0.0637	0.0866
0.425	-2.3128	-2.5825	-4.4744	1.675	0.0436	0.0557	0.0829
0.450	-2.2655	-2.5525	-4.2982	1.700	0.0472	0.0550	0.0779
0.475	-2.2192	-2.5162	-4.1258	1.725	0.0402	0.0513	0.0725
0.500	-2.1732	-2.4758	-3.9572	1.750	0.0316	0.0467	0.0671
0.525	-2.1281	-2.4312	-3.7925	1.775	0.0329	0.0414	0.0626
0.550	-2.0837	-2.3837	-3.6317	1.800	0.0302	0.0364	0.0584
0.575	-2.0401	-2.3329	-3.4749	1.825	0.0308	0.0342	0.0559
0.600	-1.9972	-2.2802	-3.3221	1.850	0.0236	0.0320	0.0492
0.625	-1.9552	-2.2259	-3.1733	1.875	0.0173	0.0326	0.0479
0.650	-1.9141	-2.1705	-3.0287	1.900	0.0145	0.0315	0.0440
0.675	-1.8738	-2.1142	-2.8881	1.925	0.0136	0.0282	0.0427
0.700	-1.8344	-2.0575	-2.7517	1.950	0.0216	0.0242	0.0412
0.725	-1.7958	-2.0008	-2.6196	1.975	0.0169	0.0234	0.0367
0.750	-1.7582	-1.9442	-2.4917	2.000	0.0049	0.0203	0.0334
0.775	-1.7214	-1.8880	-2.3681	2.025	0.0162	0.0196	0.0325
0.800	-1.6856	-1.8324	-2.2490	2.050	0.0186	0.0163	0.0313
0.825	-1.6505	-1.7766	-2.1341	2.075	0.0071	0.0154	0.0292
0.850	-1.6113	-1.7178	-2.0171	2.100	0.0112	0.0118	0.0275
0.875	-1.5353	-1.6095	-1.8654	2.125	0.0067	0.0139	0.0254
0.900	-1.3751	-1.4407	-1.6217	2.150	0.0043	0.0127	0.0235
0.925	-1.0930	-1.1262	-1.2631	2.175	0.0017	0.0131	0.0238
0.950	-.7283	-.7567	-.8309	2.200	0.0102	0.0123	0.0177
0.975	-.3299	-.3800	-.4138	2.225	-.0017	0.0116	0.0165
1.000	-.0339	-.0459	-.0751	2.250	0.0102	0.0108	0.0172
1.025	0.1888	0.1707	0.1542	2.275	0.0083	0.0112	0.0144
1.050	0.3712	0.3317	0.3035	2.300	0.0029	0.0112	0.0128
1.075	0.4112	0.4025	0.3798	2.325	0.0003	0.0077	0.0112
1.100	0.4682	0.4428	0.4097	2.350	0.0056	0.0040	0.0109
1.125	0.4800	0.4392	0.4187	2.375	-.0037	0.0056	0.0085
1.150	0.4590	0.4268	0.4035	2.400	0.0046	0.0070	0.0054
1.175	0.4183	0.3968	0.3782	2.425	0.0071	0.0060	0.0066
1.200	0.3755	0.3665	0.3541	2.450	0.0005	0.0042	0.0062
1.225	0.3397	0.3334	0.3302	2.475	0.0043	0.0025	0.0053
1.250	0.3014	0.2980	0.3024	2.500	0.0062	0.0018	0.0045

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.143 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.4476	-2.0250	-5.5591	1.275	0.2696	0.2718	0.2684
0.050	-2.4373	-2.0279	-5.5050	1.300	0.2460	0.2443	0.2457
0.075	-2.4217	-2.0325	-5.4202	1.325	0.2251	0.2228	0.2226
0.100	-2.4001	-2.0386	-5.3107	1.350	0.1972	0.1985	0.2031
0.125	-2.3745	-2.0465	-5.1831	1.375	0.1780	0.1797	0.1880
0.150	-2.3447	-2.0557	-5.0429	1.400	0.1594	0.1674	0.1750
0.175	-2.3126	-2.0664	-4.8947	1.425	0.1438	0.1472	0.1627
0.200	-2.2777	-2.0780	-4.7419	1.450	0.1301	0.1357	0.1472
0.225	-2.2418	-2.0900	-4.5872	1.475	0.1131	0.1214	0.1340
0.250	-2.2042	-2.1018	-4.4322	1.500	0.1005	0.1093	0.1243
0.275	-2.1666	-2.1121	-4.2784	1.525	0.0940	0.1007	0.1128
0.300	-2.1280	-2.1203	-4.1265	1.550	0.0812	0.0906	0.1046
0.325	-2.0899	-2.1247	-3.9772	1.575	0.0706	0.0862	0.0929
0.350	-2.0514	-2.1252	-3.8308	1.600	0.0668	0.0743	0.0848
0.375	-2.0136	-2.1199	-3.6876	1.625	0.0553	0.0694	0.0816
0.400	-1.9757	-2.1099	-3.5477	1.650	0.0532	0.0656	0.0715
0.425	-1.9388	-2.0942	-3.4112	1.675	0.0532	0.0589	0.0639
0.450	-1.9020	-2.0742	-3.2782	1.700	0.0469	0.0549	0.0623
0.475	-1.8662	-2.0490	-3.1486	1.725	0.0381	0.0502	0.0571
0.500	-1.8307	-2.0205	-3.0226	1.750	0.0384	0.0455	0.0487
0.525	-1.7962	-1.9886	-2.8999	1.775	0.0340	0.0429	0.0423
0.550	-1.7620	-1.9542	-2.7807	1.800	0.0297	0.0391	0.0416
0.575	-1.7290	-1.9173	-2.6649	1.825	0.0260	0.0368	0.0409
0.600	-1.6963	-1.8790	-2.5525	1.850	0.0251	0.0346	0.0372
0.625	-1.6647	-1.8393	-2.4435	1.875	0.0221	0.0286	0.0376
0.650	-1.6335	-1.7988	-2.3379	1.900	0.0195	0.0269	0.0309
0.675	-1.6034	-1.7576	-2.2357	1.925	0.0147	0.0259	0.0271
0.700	-1.5737	-1.7162	-2.1368	1.950	0.0134	0.0234	0.0270
0.725	-1.5450	-1.6747	-2.0414	1.975	0.0104	0.0218	0.0204
0.750	-1.5169	-1.6334	-1.9495	2.000	0.0128	0.0195	0.0194
0.775	-1.4896	-1.5924	-1.8610	2.025	0.0103	0.0178	0.0218
0.800	-1.4629	-1.5519	-1.7760	2.050	0.0079	0.0158	0.0214
0.825	-1.4371	-1.5112	-1.6942	2.075	0.0088	0.0127	0.0186
0.850	-1.4077	-1.4683	-1.6115	2.100	0.0096	0.0117	0.0163
0.875	-1.3480	-1.3813	-1.5018	2.125	0.0054	0.0103	0.0144
0.900	-1.2123	-1.2412	-1.3165	2.150	0.0029	0.0092	0.0128
0.925	-.9540	-.9724	-1.0264	2.175	0.0040	0.0107	0.0144
0.950	-.6344	-.6527	-.6827	2.200	-.0001	0.0092	0.0105
0.975	-.3137	-.3203	-.3318	2.225	0.0001	0.0089	0.0099
1.000	-.0262	-.0243	-.0543	2.250	0.0019	0.0071	0.0145
1.025	0.1980	0.1682	0.1486	2.275	0.0017	0.0068	0.0128
1.050	0.3233	0.3150	0.2820	2.300	0.0003	0.0064	0.0119
1.075	0.4012	0.3839	0.3499	2.325	0.0046	0.0046	0.0053
1.100	0.4338	0.4255	0.3751	2.350	0.0004	0.0038	0.0063
1.125	0.4473	0.4200	0.3899	2.375	0.0008	0.0043	0.0083
1.150	0.4189	0.4151	0.3713	2.400	0.0002	0.0039	0.0033
1.175	0.3919	0.3905	0.3686	2.425	-.0005	0.0031	0.0025
1.200	0.3679	0.3619	0.3349	2.450	-.0036	0.0022	0.0051
1.225	0.3255	0.3251	0.3121	2.475	-.0018	0.0023	0.0051
1.250	0.3076	0.3007	0.2933	2.500	-.0022	0.0032	0.0025

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.159 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.0689	-1.6680	-4.4113	1.275	0.2745	0.2521	0.2522
0.050	-2.0607	-1.6702	-4.3650	1.300	0.2436	0.2284	0.2206
0.075	-2.0467	-1.6742	-4.2927	1.325	0.2196	0.2084	0.2144
0.100	-2.0288	-1.6796	-4.2002	1.350	0.1977	0.1880	0.1788
0.125	-2.0066	-1.6866	-4.0930	1.375	0.1778	0.1681	0.1685
0.150	-1.9821	-1.6950	-3.9763	1.400	0.1632	0.1521	0.1620
0.175	-1.9547	-1.7049	-3.8539	1.425	0.1469	0.1415	0.1558
0.200	-1.9263	-1.7158	-3.7287	1.450	0.1310	0.1313	0.1331
0.225	-1.8964	-1.7274	-3.6030	1.475	0.1174	0.1136	0.1191
0.250	-1.8662	-1.7391	-3.4781	1.500	0.1051	0.1032	0.1144
0.275	-1.8353	-1.7500	-3.3550	1.525	0.0978	0.0937	0.1034
0.300	-1.8047	-1.7593	-3.2343	1.550	0.0880	0.0880	0.0910
0.325	-1.7740	-1.7656	-3.1164	1.575	0.0823	0.0802	0.0905
0.350	-1.7437	-1.7687	-3.0015	1.600	0.0679	0.0701	0.0860
0.375	-1.7137	-1.7670	-2.8897	1.625	0.0665	0.0668	0.0841
0.400	-1.6843	-1.7614	-2.7812	1.650	0.0581	0.0594	0.0689
0.425	-1.6553	-1.7510	-2.6759	1.675	0.0567	0.0548	0.0531
0.450	-1.6270	-1.7370	-2.5737	1.700	0.0533	0.0494	0.0662
0.475	-1.5993	-1.7189	-2.4747	1.725	0.0451	0.0457	0.0613
0.500	-1.5721	-1.6980	-2.3788	1.750	0.0373	0.0389	0.0439
0.525	-1.5457	-1.6743	-2.2860	1.775	0.0367	0.0379	0.0428
0.550	-1.5198	-1.6487	-2.1961	1.800	0.0361	0.0323	0.0418
0.575	-1.4946	-1.6211	-2.1092	1.825	0.0280	0.0320	0.0482
0.600	-1.4700	-1.5924	-2.0253	1.850	0.0299	0.0286	0.0363
0.625	-1.4462	-1.5626	-1.9442	1.875	0.0245	0.0263	0.0355
0.650	-1.4227	-1.5323	-1.8660	1.900	0.0236	0.0228	0.0294
0.675	-1.4002	-1.5015	-1.7906	1.925	0.0201	0.0198	0.0202
0.700	-1.3780	-1.4706	-1.7180	1.950	0.0208	0.0223	0.0233
0.725	-1.3567	-1.4397	-1.6482	1.975	0.0166	0.0182	0.0311
0.750	-1.3357	-1.4090	-1.5812	2.000	0.0161	0.0158	0.0237
0.775	-1.3157	-1.3786	-1.5171	2.025	0.0149	0.0121	0.0223
0.800	-1.2959	-1.3487	-1.4557	2.050	0.0125	0.0141	0.0257
0.825	-1.2768	-1.3186	-1.3967	2.075	0.0120	0.0107	0.0246
0.850	-1.2537	-1.2865	-1.3363	2.100	0.0107	0.0094	0.0210
0.875	-1.2056	-1.2146	-1.2497	2.125	0.0073	0.0115	0.0255
0.900	-1.0854	-1.0942	-1.1038	2.150	0.0078	0.0095	0.0140
0.925	-.8652	-.8620	-.8710	2.175	0.0085	0.0091	0.0182
0.950	-.5746	-.5817	-.5735	2.200	0.0064	0.0105	0.0131
0.975	-.2825	-.2885	-.2938	2.225	0.0027	0.0078	0.0192
1.000	-.0146	-.0203	-.0461	2.250	0.0076	0.0057	0.0113
1.025	0.1830	0.1633	0.1502	2.275	0.0044	0.0064	0.0171
1.050	0.3004	0.2845	0.2403	2.300	0.0039	0.0005	0.0155
1.075	0.3837	0.3573	0.3109	2.325	0.0033	0.0047	0.0193
1.100	0.4130	0.3884	0.3670	2.350	0.0028	0.0010	0.0101
1.125	0.4164	0.3926	0.3576	2.375	0.0012	0.0018	0.0097
1.150	0.4035	0.3844	0.3390	2.400	0.0040	0.0005	0.0015
1.175	0.3830	0.3599	0.3566	2.425	0.0045	0.0011	0.0122
1.200	0.3559	0.3344	0.3156	2.450	-.0009	0.0024	0.0069
1.225	0.3327	0.3068	0.2912	2.475	0.0012	0.0018	0.0036
1.250	0.2917	0.2787	0.2632	2.500	-.0016	0.0004	0.0058

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.163 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 1.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-1.9310	-1.5474	-4.0270	1.275	0.2675	0.2560	0.2765
0.050	-1.9232	-1.5494	-3.9838	1.300	0.2418	0.2319	0.2536
0.075	-1.9104	-1.5532	-3.9165	1.325	0.2153	0.2123	0.2390
0.100	-1.8936	-1.5583	-3.8304	1.350	0.1959	0.1890	0.2135
0.125	-1.8732	-1.5650	-3.7310	1.375	0.1771	0.1714	0.2053
0.150	-1.8504	-1.5729	-3.6228	1.400	0.1638	0.1581	0.1948
0.175	-1.8254	-1.5824	-3.5096	1.425	0.1433	0.1422	0.1640
0.200	-1.7992	-1.5929	-3.3941	1.450	0.1324	0.1320	0.1491
0.225	-1.7720	-1.6041	-3.2782	1.475	0.1212	0.1185	0.1557
0.250	-1.7443	-1.6156	-3.1633	1.500	0.1054	0.1069	0.1062
0.275	-1.7164	-1.6264	-3.0502	1.525	0.0966	0.0938	0.1252
0.300	-1.6885	-1.6359	-2.9394	1.550	0.0873	0.0857	0.1091
0.325	-1.6608	-1.6426	-2.8314	1.575	0.0807	0.0784	0.1041
0.350	-1.6335	-1.6464	-2.7263	1.600	0.0737	0.0710	0.0859
0.375	-1.6065	-1.6458	-2.6242	1.625	0.0660	0.0666	0.0680
0.400	-1.5801	-1.6416	-2.5252	1.650	0.0597	0.0592	0.0663
0.425	-1.5541	-1.6330	-2.4293	1.675	0.0572	0.0547	0.0699
0.450	-1.5288	-1.6210	-2.3366	1.700	0.0503	0.0496	0.0541
0.475	-1.5040	-1.6053	-2.2469	1.725	0.0441	0.0449	0.0499
0.500	-1.4799	-1.5870	-2.1602	1.750	0.0430	0.0399	0.0208
0.525	-1.4563	-1.5661	-2.0764	1.775	0.0386	0.0358	0.0327
0.550	-1.4334	-1.5435	-1.9956	1.800	0.0338	0.0317	0.0305
0.575	-1.4111	-1.5191	-1.9176	1.825	0.0303	0.0303	0.0267
0.600	-1.3893	-1.4937	-1.8424	1.850	0.0285	0.0256	0.0321
0.625	-1.3682	-1.4674	-1.7699	1.875	0.0252	0.0234	0.0295
0.650	-1.3476	-1.4405	-1.7003	1.900	0.0221	0.0209	0.0318
0.675	-1.3277	-1.4132	-1.6333	1.925	0.0219	0.0193	0.0419
0.700	-1.3082	-1.3858	-1.5690	1.950	0.0183	0.0190	0.0296
0.725	-1.2894	-1.3586	-1.5074	1.975	0.0189	0.0160	0.0486
0.750	-1.2711	-1.3314	-1.4484	2.000	0.0172	0.0141	0.0349
0.775	-1.2534	-1.3046	-1.3921	2.025	0.0149	0.0130	0.0260
0.800	-1.2362	-1.2781	-1.3385	2.050	0.0142	0.0111	0.0413
0.825	-1.2195	-1.2514	-1.2872	2.075	0.0122	0.0104	0.0429
0.850	-1.1991	-1.2221	-1.2364	2.100	0.0133	0.0093	0.0302
0.875	-1.1537	-1.1580	-1.1610	2.125	0.0087	0.0062	0.0385
0.900	-1.0403	-1.0472	-1.0241	2.150	0.0092	0.0058	0.0312
0.925	-.8308	-.8231	-.8040	2.175	0.0085	0.0048	0.0358
0.950	-.5481	-.5520	-.5327	2.200	0.0074	0.0031	0.0409
0.975	-.2676	-.2709	-.2712	2.225	0.0049	0.0059	0.0261
1.000	-.0139	-.0251	-.0106	2.250	0.0061	0.0044	0.0213
1.025	0.1757	0.1526	0.1645	2.275	0.0049	0.0038	0.0175
1.050	0.2965	0.2796	0.2845	2.300	0.0031	0.0051	0.0195
1.075	0.3732	0.3417	0.3567	2.325	0.0030	0.0038	0.0241
1.100	0.4051	0.3801	0.3752	2.350	0.0037	0.0009	0.0155
1.125	0.4055	0.3843	0.3683	2.375	0.0021	0.0017	0.0233
1.150	0.3941	0.3772	0.3502	2.400	0.0015	0.0001	0.0180
1.175	0.3785	0.3537	0.3434	2.425	-.0006	0.0039	0.0164
1.200	0.3510	0.3283	0.3299	2.450	0.0003	0.0009	0.0208
1.225	0.3248	0.3020	0.3016	2.475	-.0008	0.0011	0.0158
1.250	0.2928	0.2816	0.2856	2.500	-.0022	0.0011	0.0150

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.089 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.0186	-3.5720	-11.6322	1.275	0.2506	0.3150	0.3874
0.050	-4.0017	-3.5834	-11.5287	1.300	0.2308	0.2692	0.3543
0.075	-3.9775	-3.5924	-11.3642	1.325	0.1101	0.2494	0.3256
0.100	-3.9415	-3.6028	-11.1487	1.350	0.1453	0.2253	0.2993
0.125	-3.8990	-3.6154	-10.8933	1.375	0.1432	0.1987	0.2763
0.150	-3.8476	-3.6297	-10.6083	1.400	0.0872	0.1864	0.2546
0.175	-3.7914	-3.6455	-10.3027	1.425	0.0406	0.1648	0.2353
0.200	-3.7288	-3.6618	-9.9837	1.450	0.0916	0.1449	0.2183
0.225	-3.6632	-3.6779	-9.6568	1.475	0.0434	0.1370	0.2009
0.250	-3.5934	-3.6927	-9.3262	1.500	0.0361	0.1231	0.1863
0.275	-3.5222	-3.7036	-8.9947	1.525	0.0478	0.1130	0.1716
0.300	-3.4483	-3.7098	-8.6645	1.550	0.0805	0.1052	0.1589
0.325	-3.3741	-3.7093	-8.3370	1.575	0.0384	0.0941	0.1451
0.350	-3.2986	-3.7016	-8.0131	1.600	0.0430	0.0817	0.1338
0.375	-3.2235	-3.6827	-7.6937	1.625	0.0282	0.0732	0.1235
0.400	-3.1479	-3.6548	-7.3791	1.650	-.0593	0.0676	0.1124
0.425	-3.0732	-3.6167	-7.0699	1.675	-.0381	0.0639	0.1040
0.450	-2.9987	-3.5699	-6.7661	1.700	0.0307	0.0548	0.0951
0.475	-2.9254	-3.5123	-6.4682	1.725	-.0048	0.0522	0.0889
0.500	-2.8526	-3.4476	-6.1762	1.750	0.0103	0.0472	0.0824
0.525	-2.7812	-3.3758	-5.8904	1.775	-.0317	0.0454	0.0772
0.550	-2.7106	-3.2986	-5.6108	1.800	0.0335	0.0404	0.0738
0.575	-2.6415	-3.2155	-5.3378	1.825	0.0542	0.0376	0.0682
0.600	-2.5733	-3.1290	-5.0714	1.850	-.0039	0.0354	0.0656
0.625	-2.5067	-3.0396	-4.8118	1.875	-.0645	0.0321	0.0624
0.650	-2.4412	-2.9482	-4.5591	1.900	0.0229	0.0274	0.0581
0.675	-2.3772	-2.8549	-4.3135	1.925	0.0370	0.0268	0.0553
0.700	-2.3143	-2.7609	-4.0752	1.950	-.0324	0.0221	0.0509
0.725	-2.2531	-2.6667	-3.8442	1.975	-.0180	0.0213	0.0476
0.750	-2.1930	-2.5726	-3.6208	2.000	-.0199	0.0177	0.0444
0.775	-2.1345	-2.4791	-3.4050	2.025	-.0096	0.0182	0.0398
0.800	-2.0773	-2.3865	-3.1970	2.050	-.0148	0.0145	0.0369
0.825	-2.0216	-2.2951	-2.9969	2.075	-.0037	0.0130	0.0333
0.850	-1.9673	-2.2039	-2.8042	2.100	-.0386	0.0121	0.0315
0.875	-1.8349	-2.0772	-2.6088	2.125	-.0233	0.0124	0.0284
0.900	-1.6122	-1.8968	-2.3592	2.150	-.0073	0.0120	0.0251
0.925	-1.3051	-1.5355	-1.9698	2.175	-.0058	0.0123	0.0234
0.950	-.8507	-1.0879	-1.4222	2.200	0.0296	0.0083	0.0207
0.975	-.4697	-.5886	-.8048	2.225	-.0425	0.0092	0.0184
1.000	-.1202	-.1315	-.2451	2.250	-.0028	0.0076	0.0163
1.025	0.1428	0.1786	0.1686	2.275	-.0128	0.0056	0.0139
1.050	0.3526	0.4105	0.4337	2.300	-.0480	0.0052	0.0133
1.075	0.4170	0.5102	0.5742	2.325	-.0060	0.0066	0.0115
1.100	0.5329	0.5601	0.6274	2.350	-.0435	0.0059	0.0110
1.125	0.4203	0.5526	0.6255	2.375	-.0321	0.0047	0.0088
1.150	0.4433	0.5400	0.5978	2.400	0.0412	0.0062	0.0071
1.175	0.2788	0.4878	0.5554	2.425	-.0268	0.0066	0.0067
1.200	0.3113	0.4495	0.5123	2.450	-.0133	0.0089	0.0052
1.225	0.2381	0.4019	0.4669	2.475	0.0039	0.0070	0.0039
1.250	0.3032	0.3608	0.4232	2.500	-.0371	0.0016	0.0038

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.092 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.0122	-3.5550	-11.5969	1.275	0.2864	0.3357	0.3981
0.050	-3.9953	-3.5639	-11.4928	1.300	0.3187	0.2901	0.3685
0.075	-3.9707	-3.5723	-11.3275	1.325	0.2821	0.2599	0.3367
0.100	-3.9348	-3.5826	-11.1112	1.350	0.2016	0.2338	0.3130
0.125	-3.8921	-3.5951	-10.8550	1.375	0.1754	0.2109	0.2899
0.150	-3.8407	-3.6094	-10.5693	1.400	0.1744	0.1842	0.2703
0.175	-3.7845	-3.6252	-10.2632	1.425	0.1471	0.1706	0.2503
0.200	-3.7220	-3.6416	-9.9440	1.450	0.1881	0.1544	0.2322
0.225	-3.6565	-3.6578	-9.6171	1.475	0.0583	0.1407	0.2154
0.250	-3.5868	-3.6727	-9.2866	1.500	0.1046	0.1243	0.2001
0.275	-3.5157	-3.6837	-8.9554	1.525	0.1199	0.1168	0.1866
0.300	-3.4419	-3.6901	-8.6256	1.550	0.0854	0.1030	0.1731
0.325	-3.3679	-3.6897	-8.2987	1.575	0.0654	0.0936	0.1611
0.350	-3.2923	-3.6820	-7.9755	1.600	0.0759	0.0858	0.1484
0.375	-3.2174	-3.6631	-7.6568	1.625	0.0838	0.0814	0.1369
0.400	-3.1416	-3.6352	-7.3430	1.650	0.0447	0.0745	0.1271
0.425	-3.0671	-3.5970	-7.0346	1.675	0.0384	0.0662	0.1171
0.450	-2.9922	-3.5501	-6.7316	1.700	0.0576	0.0616	0.1103
0.475	-2.9190	-3.4924	-6.4345	1.725	0.0442	0.0567	0.1017
0.500	-2.8458	-3.4276	-6.1433	1.750	0.0422	0.0512	0.0955
0.525	-2.7744	-3.3558	-5.8583	1.775	0.0472	0.0470	0.0903
0.550	-2.7033	-3.2787	-5.5796	1.800	0.0452	0.0398	0.0841
0.575	-2.6342	-3.1957	-5.3074	1.825	0.0160	0.0370	0.0810
0.600	-2.5656	-3.1094	-5.0417	1.850	0.0122	0.0333	0.0771
0.625	-2.4989	-3.0202	-4.7828	1.875	0.0105	0.0286	0.0733
0.650	-2.4329	-2.9291	-4.5309	1.900	0.0265	0.0277	0.0684
0.675	-2.3689	-2.8360	-4.2860	1.925	0.0067	0.0259	0.0665
0.700	-2.3057	-2.7423	-4.0484	1.950	0.0085	0.0244	0.0615
0.725	-2.2444	-2.6484	-3.8181	1.975	0.0248	0.0245	0.0571
0.750	-2.1840	-2.5547	-3.5953	2.000	0.0364	0.0205	0.0529
0.775	-2.1256	-2.4615	-3.3801	2.025	0.0158	0.0181	0.0474
0.800	-2.0680	-2.3693	-3.1726	2.050	0.0072	0.0173	0.0441
0.825	-2.0125	-2.2782	-2.9731	2.075	0.0244	0.0157	0.0407
0.850	-1.9536	-2.1871	-2.7809	2.100	0.0184	0.0175	0.0365
0.875	-1.8399	-2.0613	-2.5858	2.125	0.0064	0.0146	0.0329
0.900	-1.6693	-1.8828	-2.3385	2.150	0.0151	0.0160	0.0315
0.925	-1.3153	-1.5280	-1.9512	2.175	0.0209	0.0139	0.0281
0.950	-.8105	-1.0742	-1.4064	2.200	-.0004	0.0128	0.0244
0.975	-.4675	-.5839	-.7918	2.225	0.0000	0.0093	0.0224
1.000	0.0424	-.1388	-.2389	2.250	0.0218	0.0074	0.0202
1.025	0.2520	0.1766	0.1758	2.275	-.0097	0.0088	0.0183
1.050	0.3263	0.4055	0.4410	2.300	-.0065	0.0095	0.0163
1.075	0.5608	0.5023	0.5815	2.325	0.0084	0.0071	0.0153
1.100	0.4970	0.5700	0.6345	2.350	0.0133	0.0058	0.0135
1.125	0.5045	0.5560	0.6356	2.375	0.0148	0.0042	0.0116
1.150	0.5016	0.5341	0.6071	2.400	0.0182	0.0031	0.0093
1.175	0.5058	0.4999	0.5654	2.425	0.0136	0.0032	0.0095
1.200	0.3715	0.4492	0.5231	2.450	0.0075	0.0033	0.0079
1.225	0.3747	0.4153	0.4769	2.475	0.0146	0.0019	0.0057
1.250	0.3380	0.3671	0.4339	2.500	0.0064	0.0017	0.0057

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.105 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.9445	-3.4296	-11.3327	1.275	0.3038	0.3504	0.4339
0.050	-3.9274	-3.4376	-11.2282	1.300	0.2925	0.3113	0.4004
0.075	-3.9020	-3.4458	-11.0628	1.325	0.2154	0.2763	0.3707
0.100	-3.8654	-3.4560	-10.8469	1.350	0.2078	0.2494	0.3451
0.125	-3.8219	-3.4685	-10.5919	1.375	0.1776	0.2261	0.3213
0.150	-3.7699	-3.4829	-10.3083	1.400	0.1830	0.2014	0.3003
0.175	-3.7132	-3.4991	-10.0050	1.425	0.1513	0.1855	0.2789
0.200	-3.6504	-3.5161	-9.6891	1.450	0.1538	0.1641	0.2605
0.225	-3.5848	-3.5331	-9.3661	1.475	0.1153	0.1518	0.2419
0.250	-3.5151	-3.5490	-9.0398	1.500	0.1223	0.1380	0.2258
0.275	-3.4443	-3.5614	-8.7132	1.525	0.0902	0.1264	0.2130
0.300	-3.3707	-3.5694	-8.3882	1.550	0.1045	0.1149	0.1981
0.325	-3.2973	-3.5708	-8.0662	1.575	0.0796	0.1060	0.1856
0.350	-3.2222	-3.5650	-7.7482	1.600	0.0721	0.0961	0.1734
0.375	-3.1480	-3.5481	-7.4347	1.625	0.0772	0.0882	0.1623
0.400	-3.0730	-3.5224	-7.1264	1.650	0.0526	0.0808	0.1518
0.425	-2.9994	-3.4862	-6.8235	1.675	0.0603	0.0750	0.1432
0.450	-2.9255	-3.4415	-6.5264	1.700	0.0321	0.0666	0.1333
0.475	-2.8532	-3.3861	-6.2351	1.725	0.0432	0.0611	0.1254
0.500	-2.7811	-3.3236	-5.9499	1.750	0.0288	0.0556	0.1188
0.525	-2.7107	-3.2542	-5.6709	1.775	0.0463	0.0521	0.1102
0.550	-2.6409	-3.1795	-5.3984	1.800	0.0462	0.0457	0.1043
0.575	-2.5727	-3.0991	-5.1323	1.825	0.0332	0.0404	0.0982
0.600	-2.5053	-3.0153	-4.8729	1.850	0.0387	0.0384	0.0933
0.625	-2.4397	-2.9287	-4.6202	1.875	0.0271	0.0372	0.0883
0.650	-2.3750	-2.8401	-4.3743	1.900	0.0178	0.0355	0.0831
0.675	-2.3119	-2.7496	-4.1355	1.925	0.0216	0.0317	0.0795
0.700	-2.2500	-2.6585	-3.9037	1.950	0.0167	0.0284	0.0723
0.725	-2.1897	-2.5673	-3.6792	1.975	0.0118	0.0276	0.0671
0.750	-2.1307	-2.4761	-3.4619	2.000	0.0136	0.0268	0.0626
0.775	-2.0733	-2.3856	-3.2522	2.025	0.0072	0.0235	0.0590
0.800	-2.0172	-2.2960	-3.0500	2.050	0.0202	0.0209	0.0538
0.825	-1.9626	-2.2074	-2.8557	2.075	0.0067	0.0200	0.0511
0.850	-1.8994	-2.1186	-2.6685	2.100	0.0048	0.0168	0.0455
0.875	-1.8123	-1.9970	-2.4786	2.125	0.0161	0.0186	0.0427
0.900	-1.6162	-1.8237	-2.2377	2.150	0.0029	0.0160	0.0383
0.925	-1.2782	-1.4730	-1.8655	2.175	0.0150	0.0148	0.0348
0.950	-.8497	-1.0349	-1.3358	2.200	0.0014	0.0140	0.0333
0.975	-.4259	-.5485	-.7449	2.225	0.0078	0.0112	0.0309
1.000	-.0668	-.1060	-.2035	2.250	0.0115	0.0119	0.0270
1.025	0.2401	0.1974	0.1972	2.275	0.0262	0.0106	0.0240
1.050	0.4141	0.4225	0.4546	2.300	0.0023	0.0124	0.0208
1.075	0.4363	0.5243	0.5962	2.325	0.0052	0.0104	0.0201
1.100	0.4943	0.5761	0.6557	2.350	-.0020	0.0096	0.0180
1.125	0.5291	0.5766	0.6580	2.375	0.0011	0.0053	0.0152
1.150	0.4571	0.5535	0.6345	2.400	-.0003	0.0066	0.0132
1.175	0.4292	0.5158	0.5951	2.425	0.0024	0.0037	0.0117
1.200	0.4085	0.4720	0.5531	2.450	0.0049	0.0038	0.0107
1.225	0.3944	0.4297	0.5101	2.475	-.0005	0.0042	0.0090
1.250	0.3363	0.3833	0.4671	2.500	-.0076	0.0035	0.0071

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.131 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.6119	-3.0511	-10.0298	1.275	0.2879	0.3467	0.4220
0.050	-3.5949	-3.0593	-9.9304	1.300	0.2562	0.3097	0.3915
0.075	-3.5707	-3.0672	-9.7742	1.325	0.2228	0.2813	0.3621
0.100	-3.5353	-3.0768	-9.5718	1.350	0.2143	0.2572	0.3327
0.125	-3.4942	-3.0888	-9.3344	1.375	0.1832	0.2311	0.3075
0.150	-3.4449	-3.1026	-9.0723	1.400	0.1671	0.2067	0.2802
0.175	-3.3919	-3.1186	-8.7938	1.425	0.1486	0.1895	0.2609
0.200	-3.3332	-3.1356	-8.5056	1.450	0.1441	0.1714	0.2404
0.225	-3.2726	-3.1531	-8.2123	1.475	0.1206	0.1590	0.2177
0.250	-3.2082	-3.1702	-7.9174	1.500	0.1196	0.1449	0.2043
0.275	-3.1434	-3.1847	-7.6234	1.525	0.0912	0.1306	0.1864
0.300	-3.0763	-3.1955	-7.3319	1.550	0.0876	0.1193	0.1753
0.325	-3.0097	-3.2004	-7.0441	1.575	0.0819	0.1117	0.1628
0.350	-2.9418	-3.1987	-6.7608	1.600	0.0745	0.1007	0.1520
0.375	-2.8750	-3.1870	-6.4825	1.625	0.0573	0.0946	0.1426
0.400	-2.8076	-3.1670	-6.2095	1.650	0.0553	0.0883	0.1303
0.425	-2.7416	-3.1371	-5.9421	1.675	0.0604	0.0819	0.1210
0.450	-2.6756	-3.0992	-5.6805	1.700	0.0485	0.0747	0.1121
0.475	-2.6111	-3.0515	-5.4249	1.725	0.0393	0.0696	0.1027
0.500	-2.5469	-2.9974	-5.1753	1.750	0.0402	0.0654	0.0960
0.525	-2.4844	-2.9367	-4.9318	1.775	0.0423	0.0597	0.0897
0.550	-2.4223	-2.8713	-4.6944	1.800	0.0293	0.0535	0.0836
0.575	-2.3619	-2.8007	-4.4632	1.825	0.0228	0.0492	0.0791
0.600	-2.3022	-2.7272	-4.2381	1.850	0.0302	0.0476	0.0728
0.625	-2.2441	-2.6510	-4.0194	1.875	0.0255	0.0431	0.0675
0.650	-2.1870	-2.5731	-3.8069	1.900	0.0249	0.0410	0.0646
0.675	-2.1313	-2.4936	-3.6008	1.925	0.0284	0.0372	0.0579
0.700	-2.0767	-2.4135	-3.4011	1.950	0.0224	0.0332	0.0539
0.725	-2.0236	-2.3333	-3.2079	1.975	0.0206	0.0300	0.0489
0.750	-1.9717	-2.2532	-3.0213	2.000	0.0176	0.0278	0.0475
0.775	-1.9211	-2.1737	-2.8414	2.025	0.0204	0.0280	0.0413
0.800	-1.8718	-2.0950	-2.6683	2.050	0.0165	0.0238	0.0421
0.825	-1.8236	-2.0174	-2.5021	2.075	0.0164	0.0231	0.0360
0.850	-1.7713	-1.9397	-2.3425	2.100	0.0142	0.0210	0.0344
0.875	-1.6820	-1.8311	-2.1802	2.125	0.0110	0.0215	0.0315
0.900	-1.5010	-1.6743	-1.9741	2.150	0.0121	0.0180	0.0266
0.925	-1.1801	-1.3516	-1.6494	2.175	0.0131	0.0163	0.0247
0.950	-.7917	-.9456	-1.1821	2.200	0.0094	0.0146	0.0229
0.975	-.3816	-.4998	-.6512	2.225	0.0028	0.0150	0.0197
1.000	-.0396	-.0805	-.1689	2.250	0.0035	0.0132	0.0187
1.025	0.1976	0.2066	0.2047	2.275	0.0068	0.0124	0.0150
1.050	0.3556	0.4201	0.4456	2.300	0.0054	0.0143	0.0157
1.075	0.4385	0.5096	0.5795	2.325	0.0051	0.0126	0.0142
1.100	0.4775	0.5660	0.6364	2.350	0.0045	0.0119	0.0122
1.125	0.4635	0.5620	0.6388	2.375	0.0028	0.0095	0.0090
1.150	0.4557	0.5438	0.6157	2.400	0.0076	0.0105	0.0076
1.175	0.4437	0.5050	0.5827	2.425	0.0033	0.0090	0.0068
1.200	0.3934	0.4617	0.5433	2.450	0.0040	0.0074	0.0058
1.225	0.3520	0.4231	0.5014	2.475	0.0081	0.0071	0.0068
1.250	0.3303	0.3837	0.4602	2.500	0.0043	0.0071	0.0057

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.160 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.8160	-2.2681	-7.0679	1.275	0.2767	0.3298	0.3953
0.050	-2.8030	-2.2716	-6.9905	1.300	0.2523	0.2996	0.3523
0.075	-2.7832	-2.2774	-6.8696	1.325	0.2255	0.2683	0.3382
0.100	-2.7558	-2.2850	-6.7141	1.350	0.2082	0.2390	0.3021
0.125	-2.7233	-2.2949	-6.5337	1.375	0.1818	0.2184	0.2803
0.150	-2.6856	-2.3065	-6.3365	1.400	0.1623	0.1970	0.2533
0.175	-2.6446	-2.3203	-6.1293	1.425	0.1437	0.1786	0.2318
0.200	-2.6005	-2.3353	-5.9169	1.450	0.1331	0.1585	0.2136
0.225	-2.5546	-2.3514	-5.7028	1.475	0.1209	0.1470	0.1922
0.250	-2.5071	-2.3676	-5.4895	1.500	0.1024	0.1347	0.1749
0.275	-2.4589	-2.3828	-5.2786	1.525	0.1030	0.1213	0.1655
0.300	-2.4101	-2.3957	-5.0711	1.550	0.0871	0.1121	0.1448
0.325	-2.3612	-2.4044	-4.8679	1.575	0.0791	0.1030	0.1316
0.350	-2.3124	-2.4085	-4.6692	1.600	0.0728	0.0924	0.1242
0.375	-2.2639	-2.4052	-4.4754	1.625	0.0662	0.0827	0.1070
0.400	-2.2161	-2.3957	-4.2865	1.650	0.0609	0.0765	0.0954
0.425	-2.1686	-2.3786	-4.1027	1.675	0.0532	0.0699	0.0974
0.450	-2.1221	-2.3554	-3.9239	1.700	0.0504	0.0626	0.0842
0.475	-2.0761	-2.3251	-3.7501	1.725	0.0499	0.0598	0.0786
0.500	-2.0313	-2.2900	-3.5813	1.750	0.0403	0.0555	0.0709
0.525	-1.9870	-2.2499	-3.4175	1.775	0.0394	0.0490	0.0626
0.550	-1.9440	-2.2064	-3.2586	1.800	0.0302	0.0447	0.0615
0.575	-1.9014	-2.1592	-3.1046	1.825	0.0288	0.0400	0.0593
0.600	-1.8603	-2.1098	-2.9554	1.850	0.0295	0.0387	0.0485
0.625	-1.8196	-2.0586	-2.8110	1.875	0.0275	0.0346	0.0454
0.650	-1.7804	-2.0061	-2.6714	1.900	0.0231	0.0327	0.0434
0.675	-1.7416	-1.9526	-2.5365	1.925	0.0217	0.0305	0.0408
0.700	-1.7043	-1.8986	-2.4064	1.950	0.0190	0.0266	0.0381
0.725	-1.6674	-1.8447	-2.2810	1.975	0.0135	0.0227	0.0344
0.750	-1.6320	-1.7908	-2.1603	2.000	0.0121	0.0215	0.0323
0.775	-1.5970	-1.7374	-2.0444	2.025	0.0130	0.0199	0.0257
0.800	-1.5635	-1.6846	-1.9333	2.050	0.0092	0.0200	0.0337
0.825	-1.5302	-1.6325	-1.8271	2.075	0.0087	0.0153	0.0278
0.850	-1.4939	-1.5804	-1.7254	2.100	0.0105	0.0119	0.0217
0.875	-1.4235	-1.5019	-1.6220	2.125	0.0118	0.0120	0.0184
0.900	-1.2772	-1.3823	-1.4853	2.150	0.0068	0.0117	0.0198
0.925	-1.0108	-1.1242	-1.2544	2.175	0.0108	0.0120	0.0195
0.950	-.6653	-.7951	-.9000	2.200	0.0090	0.0106	0.0171
0.975	-.3284	-.4127	-.4938	2.225	0.0061	0.0100	0.0120
1.000	-.0273	-.0616	-.1017	2.250	0.0082	0.0081	0.0096
1.025	0.1867	0.1903	0.1978	2.275	0.0049	0.0073	0.0132
1.050	0.3312	0.3869	0.3992	2.300	0.0073	0.0081	0.0050
1.075	0.4071	0.4744	0.5202	2.325	0.0021	0.0058	0.0049
1.100	0.4428	0.5274	0.5727	2.350	0.0042	0.0031	0.0065
1.125	0.4363	0.5239	0.5701	2.375	0.0040	0.0040	0.0065
1.150	0.4275	0.5131	0.5650	2.400	0.0028	0.0032	0.0050
1.175	0.3999	0.4729	0.5342	2.425	-.0008	0.0028	0.0025
1.200	0.3708	0.4406	0.4964	2.450	-.0019	0.0005	0.0018
1.225	0.3358	0.3996	0.4694	2.475	0.0014	0.0018	0.0040
1.250	0.3104	0.3623	0.4169	2.500	0.0008	0.0023	0.0022

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.167 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 1.50

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.1700	-1.7152	-4.9402	1.275	0.2739	0.3094	0.3598
0.050	-2.1607	-1.7176	-4.8816	1.300	0.2440	0.2834	0.3431
0.075	-2.1456	-1.7220	-4.7906	1.325	0.2175	0.2573	0.2913
0.100	-2.1257	-1.7280	-4.6744	1.350	0.2024	0.2277	0.2817
0.125	-2.1015	-1.7358	-4.5405	1.375	0.1813	0.2076	0.2561
0.150	-2.0743	-1.7452	-4.3956	1.400	0.1583	0.1889	0.2291
0.175	-2.0445	-1.7564	-4.2444	1.425	0.1444	0.1701	0.1917
0.200	-2.0131	-1.7689	-4.0908	1.450	0.1264	0.1452	0.1732
0.225	-1.9802	-1.7825	-3.9372	1.475	0.1161	0.1362	0.1629
0.250	-1.9469	-1.7965	-3.7854	1.500	0.1096	0.1245	0.1507
0.275	-1.9129	-1.8101	-3.6364	1.525	0.0974	0.1118	0.1538
0.300	-1.8792	-1.8224	-3.4910	1.550	0.0910	0.1008	0.1302
0.325	-1.8453	-1.8317	-3.3497	1.575	0.0792	0.0915	0.1095
0.350	-1.8119	-1.8376	-3.2127	1.600	0.0684	0.0847	0.1175
0.375	-1.7788	-1.8384	-3.0801	1.625	0.0699	0.0735	0.0976
0.400	-1.7465	-1.8345	-2.9519	1.650	0.0624	0.0672	0.0881
0.425	-1.7145	-1.8250	-2.8281	1.675	0.0534	0.0597	0.0776
0.450	-1.6833	-1.8112	-2.7087	1.700	0.0472	0.0583	0.0718
0.475	-1.6527	-1.7923	-2.5935	1.725	0.0457	0.0533	0.0706
0.500	-1.6229	-1.7699	-2.4824	1.750	0.0404	0.0492	0.0657
0.525	-1.5936	-1.7440	-2.3754	1.775	0.0402	0.0412	0.0648
0.550	-1.5653	-1.7158	-2.2723	1.800	0.0334	0.0403	0.0589
0.575	-1.5374	-1.6850	-2.1730	1.825	0.0351	0.0356	0.0476
0.600	-1.5105	-1.6528	-2.0774	1.850	0.0255	0.0331	0.0494
0.625	-1.4841	-1.6194	-1.9854	1.875	0.0255	0.0326	0.0421
0.650	-1.4586	-1.5852	-1.8969	1.900	0.0266	0.0279	0.0345
0.675	-1.4335	-1.5503	-1.8118	1.925	0.0212	0.0229	0.0488
0.700	-1.4094	-1.5152	-1.7302	1.950	0.0187	0.0243	0.0340
0.725	-1.3856	-1.4802	-1.6519	1.975	0.0161	0.0213	0.0363
0.750	-1.3629	-1.4453	-1.5770	2.000	0.0145	0.0214	0.0215
0.775	-1.3405	-1.4108	-1.5054	2.025	0.0177	0.0188	0.0306
0.800	-1.3191	-1.3767	-1.4370	2.050	0.0134	0.0182	0.0275
0.825	-1.2979	-1.3432	-1.3719	2.075	0.0128	0.0134	0.0218
0.850	-1.2732	-1.3094	-1.3097	2.100	0.0102	0.0136	0.0188
0.875	-1.2236	-1.2535	-1.2454	2.125	0.0074	0.0112	0.0167
0.900	-1.0979	-1.1625	-1.1523	2.150	0.0087	0.0125	0.0093
0.925	-.8764	-.9463	-.9827	2.175	0.0081	0.0073	0.0138
0.950	-.5806	-.6675	-.7054	2.200	0.0084	0.0070	0.0127
0.975	-.2770	-.3373	-.3748	2.225	0.0027	0.0044	0.0152
1.000	-.0147	-.0411	-.0460	2.250	0.0050	0.0046	0.0158
1.025	0.1735	0.1868	0.2115	2.275	0.0033	0.0049	0.0167
1.050	0.3122	0.3620	0.3875	2.300	0.0022	0.0037	0.0175
1.075	0.3860	0.4393	0.4932	2.325	0.0046	0.0039	0.0044
1.100	0.4132	0.4835	0.5301	2.350	0.0027	0.0036	0.0137
1.125	0.4200	0.4815	0.5390	2.375	0.0033	0.0016	0.0091
1.150	0.4095	0.4718	0.5316	2.400	0.0023	0.0020	0.0070
1.175	0.3864	0.4452	0.5082	2.425	-.0009	0.0014	0.0143
1.200	0.3597	0.4137	0.4891	2.450	-.0007	0.0003	0.0116
1.225	0.3307	0.3754	0.4243	2.475	0.0002	0.0008	0.0074
1.250	0.3011	0.3416	0.3998	2.500	0.0002	0.0003	0.0051

DIRECT CORRELATION FUNCTIONS FOR $T^* = 3.0$
$\sigma_{22}/\sigma_{11} = 2.00$ $\rho^* = 0.167$ $x_1 = 0.9502$ $\epsilon_{22}/\epsilon_{11} = 1.50$

R^*	c_{11}	c_{12}	c_{22}	R^*	c_{11}	c_{12}	c_{22}
0.025	-1.9687	-1.5683	-4.3623	1.275	0.2614	0.3082	0.3585
0.050	-1.9605	-1.5705	-4.3094	1.300	0.2372	0.2810	0.3189
0.075	-1.9472	-1.5745	-4.2273	1.325	0.2141	0.2476	0.3056
0.100	-1.9297	-1.5800	-4.1228	1.350	0.1894	0.2280	0.2695
0.125	-1.9085	-1.5870	-4.0026	1.375	0.1748	0.2002	0.2558
0.150	-1.8847	-1.5955	-3.8727	1.400	0.1593	0.1805	0.2373
0.175	-1.8587	-1.6056	-3.7376	1.425	0.1423	0.1668	0.2220
0.200	-1.8314	-1.6169	-3.6006	1.450	0.1262	0.1454	0.1748
0.225	-1.8030	-1.6293	-3.4641	1.475	0.1137	0.1391	0.1696
0.250	-1.7743	-1.6421	-3.3297	1.500	0.1012	0.1241	0.1629
0.275	-1.7451	-1.6547	-3.1983	1.525	0.0952	0.1130	0.1417
0.300	-1.7162	-1.6662	-3.0705	1.550	0.0865	0.1027	0.1560
0.325	-1.6873	-1.6751	-2.9467	1.575	0.0772	0.0938	0.1425
0.350	-1.6589	-1.6810	-2.8270	1.600	0.0677	0.0874	0.1070
0.375	-1.6308	-1.6824	-2.7114	1.625	0.0621	0.0798	0.0900
0.400	-1.6033	-1.6797	-2.6000	1.650	0.0537	0.0679	0.1083
0.425	-1.5763	-1.6720	-2.4925	1.675	0.0510	0.0632	0.0996
0.450	-1.5499	-1.6605	-2.3889	1.700	0.0476	0.0609	0.0859
0.475	-1.5241	-1.6445	-2.2891	1.725	0.0439	0.0538	0.0979
0.500	-1.4990	-1.6256	-2.1930	1.750	0.0394	0.0440	0.0507
0.525	-1.4745	-1.6035	-2.1005	1.775	0.0360	0.0444	0.0609
0.550	-1.4506	-1.5793	-2.0115	1.800	0.0322	0.0365	0.0445
0.575	-1.4274	-1.5531	-1.9259	1.825	0.0314	0.0322	0.0353
0.600	-1.4047	-1.5256	-1.8436	1.850	0.0257	0.0298	0.0294
0.625	-1.3827	-1.4970	-1.7647	1.875	0.0220	0.0287	0.0445
0.650	-1.3614	-1.4678	-1.6889	1.900	0.0221	0.0236	0.0263
0.675	-1.3406	-1.4381	-1.6164	1.925	0.0186	0.0195	0.0325
0.700	-1.3204	-1.4083	-1.5470	1.950	0.0185	0.0171	0.0317
0.725	-1.3009	-1.3785	-1.4807	1.975	0.0150	0.0167	0.0262
0.750	-1.2819	-1.3490	-1.4175	2.000	0.0128	0.0134	0.0227
0.775	-1.2635	-1.3198	-1.3573	2.025	0.0160	0.0121	0.0198
0.800	-1.2456	-1.2910	-1.3002	2.050	0.0120	0.0128	0.0450
0.825	-1.2282	-1.2627	-1.2460	2.075	0.0131	0.0103	0.0132
0.850	-1.2077	-1.2343	-1.1945	2.100	0.0083	0.0064	0.0298
0.875	-1.1610	-1.1846	-1.1430	2.125	0.0103	0.0083	0.0268
0.900	-1.0481	-1.1013	-1.0530	2.150	0.0082	0.0099	0.0279
0.925	-.8354	-.8978	-.8949	2.175	0.0063	0.0070	0.0277
0.950	-.5546	-.6334	-.6662	2.200	0.0068	0.0060	0.0105
0.975	-.2656	-.3220	-.3530	2.225	0.0033	0.0068	0.0175
1.000	-.0175	-.0319	-.0238	2.250	0.0028	0.0069	0.0001
1.025	0.1708	0.1829	0.2033	2.275	0.0051	0.0043	0.0253
1.050	0.2946	0.3462	0.4094	2.300	0.0023	0.0017	-.0056
1.075	0.3664	0.4245	0.5160	2.325	0.0037	0.0018	0.0233
1.100	0.4017	0.4694	0.5385	2.350	0.0019	-.0003	0.0105
1.125	0.4068	0.4729	0.5635	2.375	0.0014	0.0005	0.0188
1.150	0.3900	0.4608	0.5291	2.400	0.0003	-.0017	0.0056
1.175	0.3705	0.4380	0.5010	2.425	0.0006	-.0042	0.0029
1.200	0.3456	0.4014	0.4395	2.450	0.0010	-.0033	0.0035
1.225	0.3158	0.3753	0.4632	2.475	-.0006	-.0018	0.0101
1.250	0.2834	0.3369	0.4107	2.500	0.0004	-.0020	0.0071

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.096 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.9353	-4.3214	-16.0210	1.275	0.3304	0.3875	0.5149
0.050	-4.9134	-4.3308	-15.8658	1.300	0.2823	0.3436	0.4742
0.075	-4.8779	-4.3408	-15.6200	1.325	0.1996	0.3051	0.4377
0.100	-4.8290	-4.3535	-15.2996	1.350	0.2083	0.2756	0.4071
0.125	-4.7689	-4.3695	-14.9218	1.375	0.2074	0.2474	0.3758
0.150	-4.6986	-4.3879	-14.5028	1.400	0.1401	0.2268	0.3482
0.175	-4.6202	-4.4091	-14.0562	1.425	0.1901	0.2068	0.3233
0.200	-4.5347	-4.4316	-13.5924	1.450	0.1733	0.1820	0.2995
0.225	-4.4440	-4.4547	-13.1195	1.475	0.1425	0.1682	0.2762
0.250	-4.3490	-4.4770	-12.6430	1.500	0.0719	0.1538	0.2568
0.275	-4.2511	-4.4953	-12.1668	1.525	0.1643	0.1435	0.2351
0.300	-4.1510	-4.5083	-11.6934	1.550	0.0997	0.1340	0.2162
0.325	-4.0497	-4.5130	-11.2247	1.575	0.1318	0.1208	0.1977
0.350	-3.9476	-4.5085	-10.7619	1.600	0.1099	0.1145	0.1807
0.375	-3.8455	-4.4889	-10.3056	1.625	0.0704	0.1026	0.1659
0.400	-3.7437	-4.4570	-9.8566	1.650	0.0850	0.0929	0.1513
0.425	-3.6426	-4.4106	-9.4151	1.675	0.0489	0.0849	0.1388
0.450	-3.5424	-4.3516	-8.9817	1.700	0.0390	0.0757	0.1273
0.475	-3.4434	-4.2771	-8.5565	1.725	0.0598	0.0682	0.1188
0.500	-3.3457	-4.1922	-8.1400	1.750	0.0357	0.0628	0.1111
0.525	-3.2496	-4.0968	-7.7323	1.775	0.0438	0.0547	0.1043
0.550	-3.1550	-3.9936	-7.3338	1.800	-.0037	0.0513	0.0986
0.575	-3.0621	-3.8818	-6.9448	1.825	0.0495	0.0441	0.0947
0.600	-2.9709	-3.7650	-6.5656	1.850	0.0012	0.0406	0.0907
0.625	-2.8816	-3.6439	-6.1965	1.875	-.0049	0.0384	0.0863
0.650	-2.7941	-3.5199	-5.8376	1.900	0.0677	0.0352	0.0824
0.675	-2.7085	-3.3931	-5.4894	1.925	0.0450	0.0311	0.0772
0.700	-2.6248	-3.2653	-5.1519	1.950	0.0681	0.0331	0.0721
0.725	-2.5431	-3.1372	-4.8254	1.975	0.0477	0.0265	0.0665
0.750	-2.4633	-3.0092	-4.5101	2.000	0.0297	0.0261	0.0607
0.775	-2.3856	-2.8821	-4.2062	2.025	0.0509	0.0270	0.0554
0.800	-2.3099	-2.7563	-3.9137	2.050	0.0152	0.0237	0.0514
0.825	-2.2324	-2.6325	-3.6329	2.075	0.0140	0.0205	0.0458
0.850	-2.1501	-2.5100	-3.3640	2.100	0.0237	0.0196	0.0404
0.875	-2.0262	-2.3648	-3.1045	2.125	0.0255	0.0223	0.0369
0.900	-1.8059	-2.1750	-2.8293	2.150	-.0002	0.0202	0.0327
0.925	-1.4065	-1.8026	-2.4529	2.175	-.0251	0.0192	0.0306
0.950	-.8832	-1.3137	-1.8836	2.200	-.0134	0.0147	0.0272
0.975	-.5399	-.7270	-1.1605	2.225	-.0021	0.0125	0.0249
1.000	0.0443	-.1713	-.4342	2.250	-.0299	0.0128	0.0231
1.025	0.2321	0.2047	0.1492	2.275	0.0084	0.0123	0.0213
1.050	0.4227	0.4980	0.5367	2.300	-.0301	0.0119	0.0181
1.075	0.5164	0.6107	0.7503	2.325	-.0067	0.0101	0.0168
1.100	0.5630	0.6766	0.8310	2.350	-.0102	0.0060	0.0141
1.125	0.6327	0.6699	0.8346	2.375	-.0069	0.0073	0.0128
1.150	0.5309	0.6471	0.7967	2.400	-.0200	0.0095	0.0110
1.175	0.4259	0.5873	0.7385	2.425	-.0047	0.0051	0.0093
1.200	0.4434	0.5257	0.6758	2.450	0.0076	0.0043	0.0071
1.225	0.3958	0.4829	0.6166	2.475	-.0030	0.0020	0.0057
1.250	0.3095	0.4221	0.5641	2.500	0.0102	0.0013	0.0040

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.099 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.8796	-4.2422	-15.7748	1.275	0.2406	0.3924	0.5494
0.050	-4.8576	-4.2602	-15.6207	1.300	0.2476	0.3563	0.5091
0.075	-4.8237	-4.2725	-15.3769	1.325	0.1657	0.3150	0.4709
0.100	-4.7748	-4.2864	-15.0594	1.350	0.1666	0.2806	0.4382
0.125	-4.7162	-4.3030	-14.6854	1.375	0.1895	0.2538	0.4078
0.150	-4.6462	-4.3220	-14.2709	1.400	0.1939	0.2302	0.3805
0.175	-4.5695	-4.3436	-13.8293	1.425	0.1465	0.2121	0.3552
0.200	-4.4845	-4.3665	-13.3711	1.450	0.0842	0.1964	0.3308
0.225	-4.3955	-4.3900	-12.9040	1.475	0.0725	0.1756	0.3080
0.250	-4.3012	-4.4126	-12.4335	1.500	0.1501	0.1612	0.2879
0.275	-4.2050	-4.4314	-11.9634	1.525	0.1357	0.1532	0.2663
0.300	-4.1056	-4.4450	-11.4964	1.550	0.0949	0.1377	0.2475
0.325	-4.0060	-4.4503	-11.0340	1.575	0.1196	0.1248	0.2283
0.350	-3.9047	-4.4466	-10.5775	1.600	0.0905	0.1145	0.2112
0.375	-3.8043	-4.4279	-10.1276	1.625	0.0761	0.1086	0.1935
0.400	-3.7033	-4.3970	-9.6850	1.650	0.0653	0.1035	0.1804
0.425	-3.6038	-4.3516	-9.2499	1.675	0.0641	0.0912	0.1663
0.450	-3.5045	-4.2939	-8.8229	1.700	0.0978	0.0822	0.1550
0.475	-3.4071	-4.2207	-8.4041	1.725	0.0489	0.0779	0.1443
0.500	-3.3104	-4.1372	-7.9939	1.750	0.0543	0.0692	0.1360
0.525	-3.2157	-4.0433	-7.5925	1.775	0.0171	0.0662	0.1285
0.550	-3.1221	-3.9417	-7.2002	1.800	0.0436	0.0599	0.1227
0.575	-3.0306	-3.8315	-6.8172	1.825	0.0370	0.0545	0.1171
0.600	-2.9405	-3.7165	-6.4438	1.850	0.0283	0.0488	0.1112
0.625	-2.8525	-3.5972	-6.0804	1.875	0.0360	0.0453	0.1045
0.650	-2.7660	-3.4750	-5.7270	1.900	0.0343	0.0416	0.0995
0.675	-2.6817	-3.3500	-5.3841	1.925	0.0456	0.0408	0.0932
0.700	-2.5991	-3.2240	-5.0518	1.950	0.0297	0.0384	0.0892
0.725	-2.5186	-3.0978	-4.7303	1.975	0.0495	0.0328	0.0824
0.750	-2.4399	-2.9717	-4.4197	2.000	0.0183	0.0344	0.0754
0.775	-2.3634	-2.8464	-4.1202	2.025	0.0279	0.0292	0.0691
0.800	-2.2886	-2.7224	-3.8321	2.050	0.0010	0.0326	0.0638
0.825	-2.2161	-2.6002	-3.5554	2.075	0.0162	0.0290	0.0573
0.850	-2.1363	-2.4793	-3.2904	2.100	0.0000	0.0281	0.0525
0.875	-2.0076	-2.3358	-3.0347	2.125	0.0166	0.0275	0.0477
0.900	-1.8219	-2.1479	-2.7636	2.150	0.0155	0.0228	0.0416
0.925	-1.4272	-1.7765	-2.3933	2.175	0.0321	0.0229	0.0382
0.950	-.9135	-1.2930	-1.8343	2.200	-.0010	0.0220	0.0360
0.975	-.4782	-.7213	-1.1185	2.225	-.0035	0.0189	0.0312
1.000	-.1440	-.1785	-.4030	2.250	-.0193	0.0177	0.0285
1.025	0.2122	0.2038	0.1803	2.275	-.0036	0.0158	0.0257
1.050	0.4150	0.4943	0.5630	2.300	-.0105	0.0131	0.0240
1.075	0.4208	0.6228	0.7760	2.325	0.0038	0.0121	0.0217
1.100	0.4337	0.6806	0.8579	2.350	-.0436	0.0132	0.0188
1.125	0.4720	0.6783	0.8626	2.375	0.0145	0.0118	0.0163
1.150	0.4519	0.6479	0.8254	2.400	-.0147	0.0079	0.0146
1.175	0.4177	0.6001	0.7688	2.425	-.0082	0.0056	0.0117
1.200	0.3625	0.5407	0.7095	2.450	-.0136	0.0075	0.0103
1.225	0.2953	0.4881	0.6492	2.475	-.0028	0.0051	0.0082
1.250	0.3256	0.4419	0.5963	2.500	0.0110	0.0064	0.0059

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.110 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.5474	-3.9057	-14.2474	1.275	0.2866	0.4045	0.5806
0.050	-4.5271	-3.9202	-14.1051	1.300	0.2620	0.3612	0.5345
0.075	-4.4948	-3.9309	-13.8805	1.325	0.2322	0.3317	0.4989
0.100	-4.4496	-3.9432	-13.5887	1.350	0.1987	0.2985	0.4611
0.125	-4.3948	-3.9582	-13.2458	1.375	0.1810	0.2756	0.4316
0.150	-4.3302	-3.9755	-12.8665	1.400	0.1487	0.2492	0.4019
0.175	-4.2591	-3.9954	-12.4632	1.425	0.1509	0.2276	0.3746
0.200	-4.1811	-4.0167	-12.0453	1.450	0.1352	0.2090	0.3512
0.225	-4.0992	-4.0387	-11.6198	1.475	0.1142	0.1966	0.3263
0.250	-4.0128	-4.0601	-11.1917	1.500	0.1127	0.1797	0.3045
0.275	-3.9248	-4.0785	-10.7646	1.525	0.0889	0.1672	0.2824
0.300	-3.8340	-4.0923	-10.3407	1.550	0.0884	0.1531	0.2641
0.325	-3.7431	-4.0988	-9.9216	1.575	0.0758	0.1417	0.2465
0.350	-3.6508	-4.0970	-9.5085	1.600	0.0832	0.1317	0.2314
0.375	-3.5593	-4.0819	-9.1020	1.625	0.0758	0.1207	0.2143
0.400	-3.4673	-4.0555	-8.7026	1.650	0.0497	0.1106	0.2001
0.425	-3.3768	-4.0157	-8.3106	1.675	0.0495	0.1030	0.1869
0.450	-3.2863	-3.9646	-7.9265	1.700	0.0538	0.0954	0.1738
0.475	-3.1978	-3.8994	-7.5503	1.725	0.0373	0.0878	0.1620
0.500	-3.1096	-3.8248	-7.1823	1.750	0.0296	0.0799	0.1541
0.525	-3.0237	-3.7406	-6.8227	1.775	0.0254	0.0751	0.1427
0.550	-2.9383	-3.6492	-6.4716	1.800	0.0464	0.0682	0.1364
0.575	-2.8553	-3.5500	-6.1293	1.825	0.0218	0.0668	0.1290
0.600	-2.7730	-3.4463	-5.7958	1.850	0.0261	0.0603	0.1209
0.625	-2.6932	-3.3385	-5.4714	1.875	0.0379	0.0585	0.1137
0.650	-2.6141	-3.2280	-5.1561	1.900	0.0253	0.0572	0.1082
0.675	-2.5376	-3.1150	-4.8502	1.925	0.0236	0.0523	0.1006
0.700	-2.4620	-3.0010	-4.5537	1.950	0.0174	0.0488	0.0951
0.725	-2.3890	-2.8866	-4.2668	1.975	0.0339	0.0477	0.0904
0.750	-2.3169	-2.7724	-3.9896	2.000	0.0116	0.0438	0.0814
0.775	-2.2475	-2.6588	-3.7224	2.025	0.0140	0.0404	0.0766
0.800	-2.1790	-2.5464	-3.4652	2.050	0.0206	0.0384	0.0703
0.825	-2.1132	-2.4358	-3.2182	2.075	0.0092	0.0377	0.0640
0.850	-2.0431	-2.3264	-2.9816	2.100	0.0206	0.0347	0.0598
0.875	-1.9293	-2.1959	-2.7534	2.125	0.0136	0.0331	0.0522
0.900	-1.7085	-2.0251	-2.5109	2.150	0.0163	0.0304	0.0474
0.925	-1.3519	-1.6756	-2.1763	2.175	0.0107	0.0295	0.0433
0.950	-.9005	-1.2217	-1.6648	2.200	0.0100	0.0251	0.0423
0.975	-.4508	-.6736	-1.0051	2.225	0.0145	0.0264	0.0373
1.000	-.1224	-.1554	-.3346	2.250	0.0221	0.0226	0.0330
1.025	0.2000	0.2128	0.2187	2.275	0.0075	0.0229	0.0293
1.050	0.3620	0.4850	0.5824	2.300	0.0084	0.0217	0.0275
1.075	0.4817	0.6062	0.7874	2.325	0.0124	0.0195	0.0234
1.100	0.4922	0.6770	0.8761	2.350	0.0212	0.0162	0.0196
1.125	0.5234	0.6632	0.8842	2.375	0.0090	0.0148	0.0188
1.150	0.4562	0.6448	0.8487	2.400	0.0082	0.0155	0.0157
1.175	0.4437	0.5964	0.7986	2.425	0.0036	0.0128	0.0134
1.200	0.4149	0.5425	0.7398	2.450	0.0127	0.0129	0.0109
1.225	0.3299	0.4973	0.6793	2.475	0.0094	0.0100	0.0093
1.250	0.3237	0.4525	0.6266	2.500	0.0029	0.0086	0.0084

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.143 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.3543	-3.6510	-13.4861	1.275	0.2789	0.4001	0.5699
0.050	-4.3332	-3.6619	-13.3426	1.300	0.2540	0.3573	0.5248
0.075	-4.3001	-3.6719	-13.1174	1.325	0.2187	0.3246	0.4866
0.100	-4.2542	-3.6840	-12.8266	1.350	0.1946	0.2945	0.4515
0.125	-4.1991	-3.6989	-12.4869	1.375	0.1742	0.2668	0.4151
0.150	-4.1346	-3.7164	-12.1134	1.400	0.1610	0.2400	0.3870
0.175	-4.0638	-3.7369	-11.7183	1.425	0.1332	0.2207	0.3587
0.200	-3.9868	-3.7591	-11.3108	1.450	0.1321	0.2014	0.3359
0.225	-3.9061	-3.7824	-10.8977	1.475	0.1212	0.1845	0.3096
0.250	-3.8219	-3.8056	-10.4836	1.500	0.1022	0.1656	0.2913
0.275	-3.7358	-3.8265	-10.0717	1.525	0.0886	0.1528	0.2677
0.300	-3.6480	-3.8433	-9.6642	1.550	0.0823	0.1400	0.2496
0.325	-3.5597	-3.8531	-9.2625	1.575	0.0705	0.1292	0.2344
0.350	-3.4710	-3.8549	-8.8675	1.600	0.0660	0.1214	0.2179
0.375	-3.3826	-3.8436	-8.4799	1.625	0.0685	0.1123	0.2046
0.400	-3.2947	-3.8213	-8.1001	1.650	0.0539	0.1066	0.1925
0.425	-3.2076	-3.7854	-7.7283	1.675	0.0521	0.0956	0.1756
0.450	-3.1215	-3.7385	-7.3648	1.700	0.0494	0.0880	0.1664
0.475	-3.0365	-3.6779	-7.0097	1.725	0.0512	0.0802	0.1553
0.500	-2.9530	-3.6081	-6.6630	1.750	0.0433	0.0742	0.1450
0.525	-2.8706	-3.5289	-6.3249	1.775	0.0445	0.0715	0.1352
0.550	-2.7900	-3.4429	-5.9954	1.800	0.0310	0.0653	0.1258
0.575	-2.7105	-3.3494	-5.6745	1.825	0.0339	0.0590	0.1204
0.600	-2.6330	-3.2516	-5.3624	1.850	0.0331	0.0561	0.1141
0.625	-2.5567	-3.1500	-5.0592	1.875	0.0254	0.0516	0.1049
0.650	-2.4826	-3.0458	-4.7649	1.900	0.0253	0.0464	0.1008
0.675	-2.4096	-2.9393	-4.4796	1.925	0.0227	0.0456	0.0919
0.700	-2.3388	-2.8318	-4.2034	1.950	0.0175	0.0429	0.0865
0.725	-2.2693	-2.7242	-3.9363	1.975	0.0181	0.0402	0.0824
0.750	-2.2020	-2.6167	-3.6786	2.000	0.0214	0.0383	0.0777
0.775	-2.1359	-2.5099	-3.4302	2.025	0.0178	0.0373	0.0679
0.800	-2.0722	-2.4043	-3.1915	2.050	0.0164	0.0355	0.0640
0.825	-2.0095	-2.3005	-2.9625	2.075	0.0129	0.0313	0.0579
0.850	-1.9438	-2.1979	-2.7434	2.100	0.0115	0.0288	0.0527
0.875	-1.8373	-2.0758	-2.5323	2.125	0.0110	0.0279	0.0519
0.900	-1.6343	-1.9164	-2.3089	2.150	0.0088	0.0252	0.0440
0.925	-1.2903	-1.5832	-2.0027	2.175	0.0088	0.0249	0.0417
0.950	-.8562	-1.1524	-1.5325	2.200	0.0005	0.0221	0.0375
0.975	-.4312	-.6306	-.9262	2.225	0.0094	0.0209	0.0342
1.000	-.0632	-.1350	-.3080	2.250	0.0133	0.0206	0.0317
1.025	0.1809	0.2171	0.1971	2.275	0.0000	0.0194	0.0275
1.050	0.3466	0.4791	0.5547	2.300	0.0106	0.0178	0.0247
1.075	0.4211	0.5982	0.7484	2.325	0.0076	0.0167	0.0230
1.100	0.4618	0.6601	0.8379	2.350	0.0042	0.0152	0.0199
1.125	0.4568	0.6615	0.8524	2.375	0.0046	0.0141	0.0172
1.150	0.4519	0.6322	0.8287	2.400	0.0091	0.0130	0.0150
1.175	0.4265	0.5894	0.7794	2.425	0.0066	0.0126	0.0157
1.200	0.3741	0.5375	0.7212	2.450	0.0042	0.0112	0.0160
1.225	0.3349	0.4878	0.6685	2.475	0.0072	0.0098	0.0123
1.250	0.3109	0.4347	0.6120	2.500	0.0027	0.0079	0.0121

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.174 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-3.1700	-2.4928	-8.5791	1.275	0.2783	0.3797	0.5075
0.050	-3.1549	-2.4970	-8.4766	1.300	0.2588	0.3428	0.4632
0.075	-3.1304	-2.5038	-8.3166	1.325	0.2304	0.3107	0.4189
0.100	-3.0977	-2.5129	-8.1117	1.350	0.2034	0.2810	0.3835
0.125	-3.0579	-2.5248	-7.8747	1.375	0.1895	0.2530	0.3509
0.150	-3.0125	-2.5388	-7.6168	1.400	0.1646	0.2287	0.3205
0.175	-2.9626	-2.5557	-7.3468	1.425	0.1519	0.2058	0.2929
0.200	-2.9092	-2.5743	-7.0711	1.450	0.1326	0.1897	0.2649
0.225	-2.8534	-2.5945	-6.7945	1.475	0.1239	0.1711	0.2445
0.250	-2.7959	-2.6152	-6.5199	1.500	0.1112	0.1559	0.2221
0.275	-2.7373	-2.6352	-6.2494	1.525	0.0977	0.1418	0.2008
0.300	-2.6781	-2.6531	-5.9843	1.550	0.0894	0.1265	0.1905
0.325	-2.6188	-2.6663	-5.7255	1.575	0.0832	0.1162	0.1741
0.350	-2.5597	-2.6743	-5.4733	1.600	0.0747	0.1024	0.1602
0.375	-2.5010	-2.6735	-5.2280	1.625	0.0706	0.0974	0.1508
0.400	-2.4429	-2.6650	-4.9896	1.650	0.0580	0.0894	0.1335
0.425	-2.3855	-2.6470	-4.7583	1.675	0.0552	0.0815	0.1211
0.450	-2.3290	-2.6212	-4.5339	1.700	0.0523	0.0725	0.1150
0.475	-2.2735	-2.5863	-4.3163	1.725	0.0410	0.0676	0.1077
0.500	-2.2190	-2.5450	-4.1056	1.750	0.0436	0.0626	0.1027
0.525	-2.1656	-2.4972	-3.9014	1.775	0.0383	0.0569	0.0909
0.550	-2.1133	-2.4448	-3.7038	1.800	0.0335	0.0509	0.0855
0.575	-2.0621	-2.3876	-3.5125	1.825	0.0301	0.0470	0.0764
0.600	-2.0120	-2.3275	-3.3275	1.850	0.0273	0.0449	0.0702
0.625	-1.9631	-2.2648	-3.1487	1.875	0.0274	0.0390	0.0668
0.650	-1.9154	-2.2005	-2.9761	1.900	0.0254	0.0346	0.0599
0.675	-1.8688	-2.1348	-2.8096	1.925	0.0197	0.0323	0.0570
0.700	-1.8234	-2.0685	-2.6491	1.950	0.0179	0.0300	0.0574
0.725	-1.7792	-2.0021	-2.4946	1.975	0.0180	0.0269	0.0502
0.750	-1.7361	-1.9358	-2.3462	2.000	0.0140	0.0249	0.0450
0.775	-1.6943	-1.8701	-2.2038	2.025	0.0158	0.0219	0.0417
0.800	-1.6536	-1.8052	-2.0674	2.050	0.0108	0.0207	0.0394
0.825	-1.6139	-1.7414	-1.9371	2.075	0.0098	0.0200	0.0391
0.850	-1.5701	-1.6784	-1.8130	2.100	0.0091	0.0182	0.0339
0.875	-1.4947	-1.5988	-1.6940	2.125	0.0086	0.0167	0.0359
0.900	-1.3339	-1.4877	-1.5642	2.150	0.0093	0.0149	0.0306
0.925	-1.0553	-1.2376	-1.3759	2.175	0.0054	0.0143	0.0288
0.950	-.6994	-.8982	-1.0550	2.200	0.0046	0.0124	0.0228
0.975	-.3457	-.4789	-.6268	2.225	0.0064	0.0117	0.0228
1.000	-.0380	-.0782	-.1569	2.250	0.0043	0.0105	0.0208
1.025	0.1890	0.2206	0.2346	2.275	0.0070	0.0104	0.0198
1.050	0.3384	0.4463	0.5137	2.300	0.0037	0.0094	0.0173
1.075	0.4233	0.5556	0.6961	2.325	0.0048	0.0080	0.0167
1.100	0.4475	0.6186	0.7640	2.350	0.0016	0.0085	0.0132
1.125	0.4553	0.6152	0.7795	2.375	0.0024	0.0061	0.0086
1.150	0.4285	0.5944	0.7623	2.400	-.0022	0.0064	0.0096
1.175	0.4099	0.5574	0.7192	2.425	0.0039	0.0063	0.0081
1.200	0.3800	0.5126	0.6670	2.450	0.0027	0.0058	0.0030
1.225	0.3434	0.4647	0.6106	2.475	0.0020	0.0050	0.0064
1.250	0.3197	0.4245	0.5541	2.500	0.0028	0.0042	0.0021

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.176 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.2826	-1.7790	-5.5868	1.275	0.2690	0.3651	0.5262
0.050	-2.2721	-1.7819	-5.5133	1.300	0.2431	0.3301	0.4733
0.075	-2.2558	-1.7869	-5.3991	1.325	0.2215	0.2985	0.4310
0.100	-2.2336	-1.7938	-5.2539	1.350	0.1983	0.2688	0.3890
0.125	-2.2073	-1.8027	-5.0872	1.375	0.1796	0.2414	0.3505
0.150	-2.1771	-1.8134	-4.9074	1.400	0.1611	0.2151	0.3284
0.175	-2.1444	-1.8261	-4.7210	1.425	0.1468	0.1974	0.3022
0.200	-2.1097	-1.8404	-4.5324	1.450	0.1288	0.1790	0.2805
0.225	-2.0737	-1.8561	-4.3450	1.475	0.1166	0.1625	0.2538
0.250	-2.0368	-1.8725	-4.1607	1.500	0.1090	0.1482	0.2235
0.275	-1.9996	-1.8888	-3.9808	1.525	0.0957	0.1320	0.2032
0.300	-1.9623	-1.9039	-3.8062	1.550	0.0838	0.1247	0.1816
0.325	-1.9251	-1.9161	-3.6372	1.575	0.0760	0.1110	0.1688
0.350	-1.8883	-1.9247	-3.4741	1.600	0.0662	0.0989	0.1684
0.375	-1.8519	-1.9276	-3.3168	1.625	0.0637	0.0918	0.1528
0.400	-1.8162	-1.9252	-3.1653	1.650	0.0596	0.0871	0.1373
0.425	-1.7810	-1.9162	-3.0194	1.675	0.0541	0.0771	0.1134
0.450	-1.7466	-1.9020	-2.8790	1.700	0.0500	0.0714	0.1062
0.475	-1.7129	-1.8817	-2.7438	1.725	0.0425	0.0639	0.0946
0.500	-1.6800	-1.8572	-2.6139	1.750	0.0382	0.0583	0.0896
0.525	-1.6478	-1.8283	-2.4889	1.775	0.0358	0.0517	0.0945
0.550	-1.6164	-1.7966	-2.3688	1.800	0.0350	0.0496	0.0857
0.575	-1.5858	-1.7618	-2.2533	1.825	0.0283	0.0432	0.0725
0.600	-1.5561	-1.7253	-2.1425	1.850	0.0278	0.0413	0.0602
0.625	-1.5271	-1.6871	-2.0361	1.875	0.0217	0.0375	0.0598
0.650	-1.4989	-1.6481	-1.9341	1.900	0.0212	0.0316	0.0549
0.675	-1.4714	-1.6083	-1.8363	1.925	0.0221	0.0307	0.0544
0.700	-1.4448	-1.5682	-1.7428	1.950	0.0189	0.0283	0.0366
0.725	-1.4189	-1.5282	-1.6534	1.975	0.0172	0.0248	0.0409
0.750	-1.3937	-1.4883	-1.5681	2.000	0.0141	0.0213	0.0381
0.775	-1.3693	-1.4489	-1.4868	2.025	0.0116	0.0205	0.0374
0.800	-1.3456	-1.4101	-1.4096	2.050	0.0135	0.0212	0.0355
0.825	-1.3226	-1.3721	-1.3363	2.075	0.0098	0.0160	0.0365
0.850	-1.2959	-1.3346	-1.2670	2.100	0.0105	0.0136	0.0298
0.875	-1.2427	-1.2832	-1.2002	2.125	0.0077	0.0141	0.0255
0.900	-1.1172	-1.2061	-1.1254	2.150	0.0079	0.0139	0.0309
0.925	-.8891	-1.0092	-.9994	2.175	0.0061	0.0128	0.0273
0.950	-.5950	-.7344	-.7563	2.200	0.0074	0.0102	0.0245
0.975	-.2836	-.3804	-.4141	2.225	0.0057	0.0103	0.0182
1.000	-.0185	-.0389	-.0346	2.250	0.0049	0.0091	0.0131
1.025	0.1721	0.2214	0.3157	2.275	0.0025	0.0084	0.0120
1.050	0.3125	0.4239	0.5570	2.300	0.0041	0.0075	0.0130
1.075	0.3855	0.5263	0.7006	2.325	0.0030	0.0075	0.0094
1.100	0.4178	0.5836	0.7764	2.350	0.0032	0.0065	0.0078
1.125	0.4203	0.5818	0.7917	2.375	0.0017	0.0065	0.0032
1.150	0.4094	0.5693	0.7583	2.400	0.0009	0.0055	0.0060
1.175	0.3832	0.5313	0.7280	2.425	0.0022	0.0036	0.0010
1.200	0.3573	0.4907	0.6841	2.450	0.0002	0.0053	0.0015
1.225	0.3256	0.4483	0.6224	2.475	0.0016	0.0033	0.0004
1.250	0.2961	0.4056	0.5782	2.500	0.0023	0.0019	0.0003

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.171 x_1= 0.9502 $\epsilon_{22}/\epsilon_{11}$= 2.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.0115	-1.5835	-4.7047	1.275	0.2670	0.3548	0.4980
0.050	-2.0028	-1.5859	-4.6414	1.300	0.2445	0.3208	0.4125
0.075	-1.9889	-1.5902	-4.5434	1.325	0.2168	0.2877	0.4102
0.100	-1.9705	-1.5961	-4.4190	1.350	0.1960	0.2591	0.3530
0.125	-1.9484	-1.6038	-4.2768	1.375	0.1763	0.2348	0.3134
0.150	-1.9234	-1.6131	-4.1239	1.400	0.1587	0.2077	0.2819
0.175	-1.8962	-1.6241	-3.9658	1.425	0.1429	0.1895	0.2634
0.200	-1.8674	-1.6365	-3.8066	1.450	0.1293	0.1654	0.2536
0.225	-1.8378	-1.6502	-3.6488	1.475	0.1162	0.1538	0.2438
0.250	-1.8074	-1.6646	-3.4942	1.500	0.1022	0.1389	0.2165
0.275	-1.7770	-1.6790	-3.3439	1.525	0.0951	0.1269	0.1833
0.300	-1.7464	-1.6923	-3.1985	1.550	0.0867	0.1136	0.1660
0.325	-1.7162	-1.7033	-3.0583	1.575	0.0755	0.1039	0.1626
0.350	-1.6862	-1.7113	-2.9233	1.600	0.0665	0.0902	0.1476
0.375	-1.6567	-1.7144	-2.7937	1.625	0.0637	0.0846	0.1246
0.400	-1.6277	-1.7131	-2.6693	1.650	0.0570	0.0764	0.1118
0.425	-1.5994	-1.7062	-2.5499	1.675	0.0544	0.0678	0.0993
0.450	-1.5717	-1.6949	-2.4354	1.700	0.0484	0.0613	0.1062
0.475	-1.5446	-1.6786	-2.3256	1.725	0.0415	0.0559	0.0970
0.500	-1.5182	-1.6587	-2.2203	1.750	0.0409	0.0517	0.0818
0.525	-1.4925	-1.6353	-2.1195	1.775	0.0366	0.0443	0.0824
0.550	-1.4674	-1.6095	-2.0229	1.800	0.0324	0.0416	0.0691
0.575	-1.4431	-1.5813	-1.9305	1.825	0.0309	0.0392	0.0666
0.600	-1.4194	-1.5516	-1.8420	1.850	0.0278	0.0375	0.0564
0.625	-1.3964	-1.5207	-1.7574	1.875	0.0254	0.0324	0.0565
0.650	-1.3739	-1.4891	-1.6766	1.900	0.0228	0.0263	0.0375
0.675	-1.3523	-1.4570	-1.5994	1.925	0.0214	0.0271	0.0318
0.700	-1.3311	-1.4247	-1.5257	1.950	0.0184	0.0245	0.0385
0.725	-1.3107	-1.3924	-1.4555	1.975	0.0180	0.0213	0.0179
0.750	-1.2908	-1.3604	-1.3886	2.000	0.0168	0.0220	0.0075
0.775	-1.2716	-1.3288	-1.3251	2.025	0.0135	0.0192	0.0293
0.800	-1.2529	-1.2978	-1.2649	2.050	0.0133	0.0167	0.0122
0.825	-1.2348	-1.2674	-1.2080	2.075	0.0126	0.0148	0.0152
0.850	-1.2132	-1.2374	-1.1543	2.100	0.0109	0.0140	0.0284
0.875	-1.1663	-1.1945	-1.1026	2.125	0.0088	0.0154	0.0220
0.900	-1.0510	-1.1260	-1.0440	2.150	0.0078	0.0124	0.0168
0.925	-.8385	-.9425	-.9351	2.175	0.0079	0.0104	0.0103
0.950	-.5590	-.6903	-.7079	2.200	0.0065	0.0071	0.0057
0.975	-.2652	-.3559	-.3900	2.225	0.0044	0.0079	0.0036
1.000	-.0114	-.0262	-.0550	2.250	0.0060	0.0089	0.0105
1.025	0.1761	0.2229	0.2873	2.275	0.0058	0.0063	0.0192
1.050	0.2970	0.4128	0.5120	2.300	0.0022	0.0052	0.0067
1.075	0.3721	0.5041	0.6393	2.325	0.0041	0.0052	0.0072
1.100	0.4044	0.5637	0.7311	2.350	0.0033	0.0065	0.0092
1.125	0.4092	0.5662	0.7359	2.375	0.0010	0.0040	0.0111
1.150	0.3955	0.5473	0.7121	2.400	0.0018	0.0031	0.0112
1.175	0.3777	0.5165	0.6840	2.425	0.0019	0.0020	0.0131
1.200	0.3465	0.4792	0.6220	2.450	0.0004	0.0026	0.0200
1.225	0.3197	0.4331	0.5834	2.475	0.0006	0.0015	0.0158
1.250	0.2937	0.3928	0.5283	2.500	0.0001	0.0004	0.0137

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.107 x_1= 0.0498 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-7.1924	-6.5833	-28.3191	1.275	0.3360	0.4465	0.8441
0.050	-7.1413	-6.5023	-28.0142	1.300	0.1316	0.4059	0.7895
0.075	-7.0726	-6.4903	-27.5328	1.325	0.2534	0.3664	0.7423
0.100	-6.9881	-6.4930	-26.9130	1.350	0.1212	0.3304	0.6979
0.125	-6.8832	-6.5060	-26.1892	1.375	0.1477	0.3010	0.6582
0.150	-6.7643	-6.5251	-25.3955	1.400	0.1752	0.2779	0.6180
0.175	-6.6308	-6.5503	-24.5557	1.425	0.0961	0.2551	0.5811
0.200	-6.4876	-6.5791	-23.6920	1.450	0.1579	0.2341	0.5443
0.225	-6.3353	-6.6111	-22.8163	1.475	0.0709	0.2151	0.5082
0.250	-6.1775	-6.6437	-21.9375	1.500	0.0698	0.1944	0.4722
0.275	-6.0148	-6.6730	-21.0607	1.525	0.1023	0.1771	0.4382
0.300	-5.8498	-6.6961	-20.1910	1.550	0.1308	0.1667	0.4051
0.325	-5.6827	-6.7081	-19.3303	1.575	0.0734	0.1538	0.3738
0.350	-5.5156	-6.7066	-18.4795	1.600	0.0860	0.1411	0.3448
0.375	-5.3483	-6.6814	-17.6398	1.625	0.0505	0.1294	0.3171
0.400	-5.1823	-6.6355	-16.8130	1.650	0.1177	0.1138	0.2935
0.425	-5.0174	-6.5642	-15.9992	1.675	0.1148	0.1050	0.2726
0.450	-4.8547	-6.4708	-15.1995	1.700	0.0707	0.0995	0.2538
0.475	-4.6938	-6.3491	-14.4128	1.725	0.0027	0.0870	0.2412
0.500	-4.5356	-6.2085	-13.6430	1.750	0.1054	0.0752	0.2318
0.525	-4.3796	-6.0487	-12.8882	1.775	0.0393	0.0704	0.2239
0.550	-4.2267	-5.8744	-12.1514	1.800	0.0662	0.0638	0.2186
0.575	-4.0764	-5.6843	-11.4318	1.825	0.0199	0.0579	0.2142
0.600	-3.9294	-5.4853	-10.7320	1.850	-.0151	0.0504	0.2076
0.625	-3.7850	-5.2786	-10.0512	1.875	0.0326	0.0493	0.1998
0.650	-3.6442	-5.0664	-9.3906	1.900	-.0109	0.0415	0.1890
0.675	-3.5061	-4.8491	-8.7502	1.925	-.0127	0.0405	0.1774
0.700	-3.3717	-4.6302	-8.1318	1.950	-.0140	0.0371	0.1638
0.725	-3.2403	-4.4108	-7.5351	1.975	0.0061	0.0385	0.1468
0.750	-3.1126	-4.1916	-6.9600	2.000	-.0473	0.0395	0.1323
0.775	-2.9880	-3.9738	-6.4063	2.025	-.0113	0.0385	0.1179
0.800	-2.8673	-3.7586	-5.8754	2.050	-.0113	0.0390	0.1037
0.825	-2.7497	-3.5473	-5.3664	2.075	-.0531	0.0400	0.0927
0.850	-2.6234	-3.3395	-4.8800	2.100	-.0373	0.0386	0.0829
0.875	-2.4716	-3.1221	-4.4154	2.125	-.0067	0.0334	0.0748
0.900	-2.1260	-2.8794	-3.9697	2.150	0.0207	0.0324	0.0679
0.925	-1.7442	-2.4438	-3.4982	2.175	-.0344	0.0328	0.0629
0.950	-1.1683	-1.8594	-2.8685	2.200	0.0044	0.0294	0.0579
0.975	-.6155	-1.1055	-1.9728	2.225	-.0131	0.0268	0.0539
1.000	-.2709	-.3712	-.9196	2.250	-.0139	0.0236	0.0504
1.025	0.1698	0.1633	0.0372	2.275	-.0155	0.0193	0.0468
1.050	0.2834	0.5648	0.7241	2.300	-.0331	0.0207	0.0429
1.075	0.3828	0.7375	1.1154	2.325	-.0061	0.0152	0.0387
1.100	0.4355	0.8217	1.2716	2.350	-.0119	0.0123	0.0353
1.125	0.3882	0.8166	1.2908	2.375	0.0173	0.0116	0.0313
1.150	0.3886	0.7645	1.2336	2.400	-.0166	0.0093	0.0272
1.175	0.3262	0.6992	1.1505	2.425	-.0165	0.0084	0.0224
1.200	0.2780	0.6249	1.0620	2.450	0.0343	0.0067	0.0179
1.225	0.2281	0.5662	0.9777	2.475	0.0103	0.0041	0.0141
1.250	0.2995	0.5022	0.9063	2.500	0.0366	0.0045	0.0100

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.111 x_1= 0.0999 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-7.0187	-6.3889	-27.3451	1.275	0.2312	0.4749	0.9074
0.050	-6.9721	-6.3124	-27.0492	1.300	0.2272	0.4278	0.8509
0.075	-6.9051	-6.3016	-26.5818	1.325	0.2135	0.3911	0.8020
0.100	-6.8235	-6.3049	-25.9800	1.350	0.2062	0.3536	0.7574
0.125	-6.7213	-6.3181	-25.2782	1.375	0.1274	0.3236	0.7140
0.150	-6.6060	-6.3371	-24.5075	1.400	0.1540	0.2955	0.6733
0.175	-6.4760	-6.3620	-23.6928	1.425	0.1058	0.2760	0.6335
0.200	-6.3371	-6.3905	-22.8550	1.450	0.0937	0.2512	0.5973
0.225	-6.1891	-6.4219	-22.0062	1.475	0.1053	0.2379	0.5605
0.250	-6.0360	-6.4540	-21.1545	1.500	0.0818	0.2184	0.5239
0.275	-5.8779	-6.4831	-20.3048	1.525	0.0916	0.2016	0.4893
0.300	-5.7179	-6.5062	-19.4630	1.550	0.0512	0.1857	0.4557
0.325	-5.5556	-6.5186	-18.6292	1.575	0.0658	0.1699	0.4237
0.350	-5.3936	-6.5179	-17.8065	1.600	0.0656	0.1525	0.3933
0.375	-5.2309	-6.4941	-16.9938	1.625	0.0366	0.1443	0.3639
0.400	-5.0701	-6.4504	-16.1940	1.650	0.0435	0.1318	0.3388
0.425	-4.9097	-6.3819	-15.4072	1.675	0.0632	0.1217	0.3175
0.450	-4.7520	-6.2918	-14.6344	1.700	0.0765	0.1124	0.2970
0.475	-4.5953	-6.1744	-13.8748	1.725	0.0506	0.1016	0.2816
0.500	-4.4421	-6.0386	-13.1310	1.750	0.0577	0.0927	0.2692
0.525	-4.2902	-5.8839	-12.4032	1.775	0.0422	0.0863	0.2588
0.550	-4.1421	-5.7153	-11.6924	1.800	0.0419	0.0782	0.2506
0.575	-3.9955	-5.5311	-10.9978	1.825	0.0506	0.0718	0.2427
0.600	-3.8531	-5.3383	-10.3220	1.850	0.0435	0.0685	0.2340
0.625	-3.7124	-5.1378	-9.6648	1.875	0.0470	0.0648	0.2253
0.650	-3.5759	-4.9320	-9.0273	1.900	0.0214	0.0597	0.2119
0.675	-3.4413	-4.7211	-8.4090	1.925	0.0835	0.0593	0.1983
0.700	-3.3112	-4.5086	-7.8119	1.950	0.0353	0.0556	0.1843
0.725	-3.1829	-4.2956	-7.2355	1.975	0.0375	0.0546	0.1684
0.750	-3.0593	-4.0827	-6.6799	2.000	0.0153	0.0505	0.1517
0.775	-2.9376	-3.8712	-6.1449	2.025	0.0105	0.0535	0.1361
0.800	-2.8208	-3.6622	-5.6317	2.050	0.0195	0.0453	0.1221
0.825	-2.7059	-3.4570	-5.1398	2.075	0.0173	0.0459	0.1093
0.850	-2.5851	-3.2553	-4.6696	2.100	0.0422	0.0456	0.0974
0.875	-2.4204	-3.0446	-4.2207	2.125	0.0330	0.0442	0.0892
0.900	-2.1303	-2.8075	-3.7899	2.150	0.0205	0.0421	0.0804
0.925	-1.6630	-2.3823	-3.3342	2.175	0.0109	0.0412	0.0745
0.950	-1.1540	-1.8129	-2.7237	2.200	-.0067	0.0372	0.0686
0.975	-.5982	-1.0687	-1.8526	2.225	0.0156	0.0353	0.0624
1.000	-.1550	-.3488	-.8268	2.250	0.0153	0.0282	0.0584
1.025	0.1557	0.1812	0.1117	2.275	0.0143	0.0248	0.0531
1.050	0.3302	0.5733	0.7897	2.300	-.0030	0.0238	0.0487
1.075	0.3834	0.7527	1.1758	2.325	-.0046	0.0195	0.0446
1.100	0.4329	0.8397	1.3337	2.350	-.0003	0.0164	0.0391
1.125	0.4751	0.8271	1.3537	2.375	-.0019	0.0141	0.0364
1.150	0.4260	0.7816	1.2970	2.400	0.0123	0.0131	0.0301
1.175	0.4048	0.7207	1.2141	2.425	0.0010	0.0083	0.0258
1.200	0.3495	0.6468	1.1262	2.450	0.0025	0.0080	0.0203
1.225	0.2879	0.5835	1.0430	2.475	0.0013	0.0077	0.0172
1.250	0.3060	0.5189	0.9699	2.500	-.0064	0.0067	0.0127

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.126 x_1= 0.2500 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-6.7755	-6.0026	-26.0631	1.275	0.2746	0.5038	1.0050
0.050	-6.7382	-5.9716	-25.7752	1.300	0.2492	0.4587	0.9438
0.075	-6.6764	-5.9729	-25.3228	1.325	0.2215	0.4198	0.8918
0.100	-6.5973	-5.9828	-24.7400	1.350	0.2061	0.3828	0.8417
0.125	-6.4985	-5.9996	-24.0612	1.375	0.1964	0.3560	0.7974
0.150	-6.3860	-6.0211	-23.3184	1.400	0.1602	0.3307	0.7534
0.175	-6.2597	-6.0481	-22.5328	1.425	0.1714	0.3046	0.7098
0.200	-6.1245	-6.0783	-21.7260	1.450	0.1358	0.2798	0.6713
0.225	-5.9807	-6.1111	-20.9082	1.475	0.1282	0.2637	0.6329
0.250	-5.8322	-6.1448	-20.0885	1.500	0.1197	0.2429	0.5965
0.275	-5.6789	-6.1758	-19.2718	1.525	0.1033	0.2292	0.5595
0.300	-5.5239	-6.2012	-18.4620	1.550	0.0787	0.2129	0.5255
0.325	-5.3667	-6.2160	-17.6612	1.575	0.0729	0.1991	0.4924
0.350	-5.2101	-6.2183	-16.8715	1.600	0.0836	0.1851	0.4605
0.375	-5.0527	-6.1984	-16.0918	1.625	0.0803	0.1710	0.4297
0.400	-4.8974	-6.1590	-15.3260	1.650	0.0741	0.1593	0.4036
0.425	-4.7424	-6.0955	-14.5732	1.675	0.0639	0.1456	0.3795
0.450	-4.5903	-6.0110	-13.8344	1.700	0.0582	0.1379	0.3569
0.475	-4.4390	-5.9001	-13.1088	1.725	0.0499	0.1268	0.3361
0.500	-4.2913	-5.7715	-12.3990	1.750	0.0522	0.1169	0.3175
0.525	-4.1447	-5.6244	-11.7052	1.775	0.0615	0.1095	0.3045
0.550	-4.0021	-5.4638	-11.0274	1.800	0.0472	0.1023	0.2889
0.575	-3.8609	-5.2882	-10.3658	1.825	0.0354	0.0951	0.2779
0.600	-3.7237	-5.1042	-9.7222	1.850	0.0435	0.0906	0.2664
0.625	-3.5884	-4.9125	-9.0966	1.875	0.0282	0.0850	0.2535
0.650	-3.4570	-4.7156	-8.4894	1.900	0.0219	0.0822	0.2389
0.675	-3.3274	-4.5138	-7.9003	1.925	0.0432	0.0770	0.2230
0.700	-3.2023	-4.3105	-7.3313	1.950	0.0417	0.0728	0.2086
0.725	-3.0790	-4.1065	-6.7818	1.975	0.0220	0.0717	0.1916
0.750	-2.9601	-3.9027	-6.2521	2.000	0.0211	0.0664	0.1775
0.775	-2.8432	-3.7002	-5.7419	2.025	0.0172	0.0655	0.1600
0.800	-2.7310	-3.5001	-5.2526	2.050	0.0255	0.0647	0.1465
0.825	-2.6204	-3.3037	-4.7839	2.075	0.0183	0.0623	0.1328
0.850	-2.5092	-3.1106	-4.3361	2.100	0.0146	0.0601	0.1200
0.875	-2.3483	-2.9091	-3.9088	2.125	0.0202	0.0592	0.1069
0.900	-2.0426	-2.6814	-3.4992	2.150	0.0102	0.0557	0.0997
0.925	-1.6002	-2.2709	-3.0678	2.175	0.0112	0.0517	0.0912
0.950	-1.0794	-1.7242	-2.4892	2.200	0.0061	0.0497	0.0824
0.975	-.5371	-1.0064	-1.6633	2.225	0.0222	0.0446	0.0742
1.000	-.1096	-.3051	-.6833	2.250	0.0123	0.0403	0.0683
1.025	0.1749	0.2230	0.2163	2.275	0.0238	0.0363	0.0615
1.050	0.4005	0.6142	0.8754	2.300	0.0202	0.0313	0.0554
1.075	0.4607	0.7781	1.2513	2.325	0.0169	0.0311	0.0499
1.100	0.5100	0.8671	1.4126	2.350	0.0103	0.0287	0.0445
1.125	0.5011	0.8525	1.4358	2.375	0.0169	0.0247	0.0389
1.150	0.4736	0.8118	1.3915	2.400	0.0049	0.0211	0.0345
1.175	0.4491	0.7520	1.3150	2.425	0.0102	0.0185	0.0290
1.200	0.4050	0.6866	1.2280	2.450	0.0249	0.0178	0.0245
1.225	0.3390	0.6181	1.1423	2.475	0.0221	0.0174	0.0193
1.250	0.3271	0.5598	1.0678	2.500	0.0215	0.0138	0.0140

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.164 x_1= 0.5000 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-6.1295	-5.2039	-22.6464	1.275	0.2854	0.4988	0.9467
0.050	-6.0983	-5.2225	-22.3833	1.300	0.2619	0.4517	0.8834
0.075	-6.0435	-5.2362	-21.9722	1.325	0.2400	0.4117	0.8277
0.100	-5.9709	-5.2523	-21.4448	1.350	0.2064	0.3708	0.7771
0.125	-5.8812	-5.2720	-20.8334	1.375	0.1814	0.3441	0.7234
0.150	-5.7784	-5.2952	-20.1661	1.400	0.1698	0.3157	0.6785
0.175	-5.6641	-5.3230	-19.4647	1.425	0.1523	0.2922	0.6379
0.200	-5.5415	-5.3538	-18.7452	1.450	0.1489	0.2692	0.5959
0.225	-5.4121	-5.3870	-18.0184	1.475	0.1242	0.2494	0.5591
0.250	-5.2782	-5.4211	-17.2919	1.500	0.1236	0.2286	0.5241
0.275	-5.1407	-5.4535	-16.5704	1.525	0.1142	0.2114	0.4906
0.300	-5.0016	-5.4812	-15.8572	1.550	0.1044	0.1943	0.4590
0.325	-4.8611	-5.4996	-15.1541	1.575	0.0967	0.1799	0.4305
0.350	-4.7209	-5.5065	-14.4626	1.600	0.0889	0.1636	0.4058
0.375	-4.5807	-5.4937	-13.7834	1.625	0.0821	0.1545	0.3784
0.400	-4.4420	-5.4630	-13.1172	1.650	0.0786	0.1410	0.3539
0.425	-4.3041	-5.4100	-12.4646	1.675	0.0824	0.1322	0.3273
0.450	-4.1686	-5.3380	-11.8259	1.700	0.0682	0.1219	0.3076
0.475	-4.0343	-5.2426	-11.2016	1.725	0.0635	0.1136	0.2900
0.500	-3.9028	-5.1310	-10.5919	1.750	0.0659	0.1047	0.2714
0.525	-3.7729	-5.0026	-9.9969	1.775	0.0587	0.0972	0.2547
0.550	-3.6461	-4.8621	-9.4170	1.800	0.0491	0.0899	0.2394
0.575	-3.5210	-4.7086	-8.8523	1.825	0.0576	0.0834	0.2262
0.600	-3.3993	-4.5475	-8.3032	1.850	0.0534	0.0785	0.2130
0.625	-3.2791	-4.3793	-7.7698	1.875	0.0471	0.0740	0.2029
0.650	-3.1627	-4.2066	-7.2524	1.900	0.0405	0.0703	0.1877
0.675	-3.0479	-4.0300	-6.7513	1.925	0.0387	0.0649	0.1765
0.700	-2.9371	-3.8519	-6.2667	1.950	0.0362	0.0610	0.1651
0.725	-2.8278	-3.6731	-5.7988	1.975	0.0363	0.0590	0.1539
0.750	-2.7226	-3.4947	-5.3478	2.000	0.0334	0.0540	0.1414
0.775	-2.6191	-3.3178	-4.9141	2.025	0.0275	0.0533	0.1293
0.800	-2.5196	-3.1428	-4.4978	2.050	0.0229	0.0501	0.1182
0.825	-2.4217	-2.9712	-4.0992	2.075	0.0250	0.0466	0.1091
0.850	-2.3212	-2.8027	-3.7187	2.100	0.0232	0.0459	0.0982
0.875	-2.1760	-2.6269	-3.3565	2.125	0.0224	0.0425	0.0890
0.900	-1.9153	-2.4277	-3.0097	2.150	0.0200	0.0399	0.0814
0.925	-1.4998	-2.0594	-2.6437	2.175	0.0190	0.0374	0.0711
0.950	-1.0006	-1.5657	-2.1534	2.200	0.0229	0.0339	0.0656
0.975	-.4949	-.9086	-1.4445	2.225	0.0136	0.0311	0.0590
1.000	-.0921	-.2634	-.5932	2.250	0.0194	0.0304	0.0516
1.025	0.1848	0.2212	0.2173	2.275	0.0173	0.0282	0.0455
1.050	0.3723	0.5836	0.8093	2.300	0.0151	0.0249	0.0419
1.075	0.4521	0.7521	1.1671	2.325	0.0164	0.0225	0.0368
1.100	0.4979	0.8394	1.3275	2.350	0.0113	0.0228	0.0333
1.125	0.4842	0.8321	1.3589	2.375	0.0114	0.0201	0.0277
1.150	0.4648	0.7928	1.3186	2.400	0.0154	0.0185	0.0224
1.175	0.4314	0.7360	1.2524	2.425	0.0114	0.0152	0.0193
1.200	0.3994	0.6723	1.1728	2.450	0.0168	0.0134	0.0179
1.225	0.3534	0.6116	1.0893	2.475	0.0152	0.0120	0.0132
1.250	0.3188	0.5548	1.0117	2.500	0.0110	0.0101	0.0116

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0
σ_{22}/σ_{11} = 2.00 ρ^* =0.213 x_1= 0.7500 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-4.4410	-3.4851	-14.3576	1.275	0.2782	0.4761	0.8150
0.050	-4.4170	-3.4911	-14.1682	1.300	0.2555	0.4280	0.7404
0.075	-4.3767	-3.5004	-13.8736	1.325	0.2285	0.3917	0.6822
0.100	-4.3238	-3.5130	-13.4987	1.350	0.2052	0.3510	0.6261
0.125	-4.2590	-3.5295	-13.0680	1.375	0.1805	0.3221	0.5678
0.150	-4.1854	-3.5494	-12.6023	1.400	0.1679	0.2907	0.5324
0.175	-4.1041	-3.5734	-12.1175	1.425	0.1565	0.2612	0.4767
0.200	-4.0177	-3.6004	-11.6249	1.450	0.1349	0.2401	0.4403
0.225	-3.9270	-3.6303	-11.1322	1.475	0.1259	0.2162	0.4047
0.250	-3.8338	-3.6617	-10.6443	1.500	0.1119	0.1982	0.3685
0.275	-3.7388	-3.6930	-10.1644	1.525	0.1034	0.1822	0.3399
0.300	-3.6431	-3.7217	-9.6944	1.550	0.0970	0.1658	0.3145
0.325	-3.5470	-3.7444	-9.2355	1.575	0.0852	0.1521	0.2912
0.350	-3.4513	-3.7593	-8.7884	1.600	0.0858	0.1408	0.2629
0.375	-3.3563	-3.7605	-8.3535	1.625	0.0710	0.1288	0.2434
0.400	-3.2623	-3.7492	-7.9307	1.650	0.0680	0.1169	0.2225
0.425	-3.1695	-3.7217	-7.5203	1.675	0.0585	0.1078	0.2110
0.450	-3.0782	-3.6809	-7.1220	1.700	0.0565	0.1005	0.1959
0.475	-2.9884	-3.6239	-6.7357	1.725	0.0528	0.0925	0.1814
0.500	-2.9003	-3.5556	-6.3614	1.750	0.0472	0.0847	0.1656
0.525	-2.8138	-3.4755	-5.9987	1.775	0.0455	0.0774	0.1529
0.550	-2.7291	-3.3872	-5.6475	1.800	0.0391	0.0714	0.1463
0.575	-2.6462	-3.2902	-5.3077	1.825	0.0353	0.0660	0.1314
0.600	-2.5652	-3.1880	-4.9792	1.850	0.0328	0.0597	0.1189
0.625	-2.4859	-3.0810	-4.6618	1.875	0.0333	0.0564	0.1120
0.650	-2.4086	-2.9710	-4.3555	1.900	0.0276	0.0536	0.1068
0.675	-2.3331	-2.8585	-4.0601	1.925	0.0300	0.0490	0.0921
0.700	-2.2597	-2.7450	-3.7755	1.950	0.0263	0.0475	0.0874
0.725	-2.1881	-2.6310	-3.5017	1.975	0.0242	0.0440	0.0798
0.750	-2.1186	-2.5173	-3.2386	2.000	0.0226	0.0409	0.0704
0.775	-2.0508	-2.4046	-2.9863	2.025	0.0179	0.0377	0.0699
0.800	-1.9854	-2.2932	-2.7449	2.050	0.0184	0.0363	0.0614
0.825	-1.9214	-2.1840	-2.5145	2.075	0.0176	0.0337	0.0603
0.850	-1.8541	-2.0769	-2.2951	2.100	0.0159	0.0292	0.0546
0.875	-1.7504	-1.9635	-2.0870	2.125	0.0129	0.0283	0.0473
0.900	-1.5476	-1.8316	-1.8881	2.150	0.0141	0.0268	0.0451
0.925	-1.2219	-1.5632	-1.6754	2.175	0.0108	0.0245	0.0414
0.950	-.8075	-1.1882	-1.3747	2.200	0.0139	0.0207	0.0398
0.975	-.3956	-.6668	-.9057	2.225	0.0104	0.0194	0.0325
1.000	-.0552	-.1467	-.3040	2.250	0.0107	0.0192	0.0279
1.025	0.1860	0.2514	0.2799	2.275	0.0086	0.0168	0.0267
1.050	0.3447	0.5593	0.7500	2.300	0.0067	0.0153	0.0236
1.075	0.4383	0.7094	1.0346	2.325	0.0089	0.0151	0.0187
1.100	0.4705	0.7854	1.1757	2.350	0.0081	0.0133	0.0187
1.125	0.4631	0.7847	1.2107	2.375	0.0053	0.0126	0.0141
1.150	0.4478	0.7550	1.1828	2.400	0.0047	0.0109	0.0122
1.175	0.4191	0.7035	1.1150	2.425	0.0043	0.0099	0.0142
1.200	0.3799	0.6463	1.0367	2.450	0.0033	0.0084	0.0112
1.225	0.3573	0.5844	0.9565	2.475	0.0059	0.0064	0.0120
1.250	0.3187	0.5248	0.8796	2.500	0.0049	0.0034	0.0101

DIRECT CORRELATION FUNCTIONS FOR T* = 3.0

σ_{22}/σ_{11} = 2.00 ρ^* =0.195 x_1= 0.9001 $\epsilon_{22}/\epsilon_{11}$= 3.00

R*	c_{11}	c_{12}	c_{22}	R*	c_{11}	c_{12}	c_{22}
0.025	-2.5373	-1.9343	-6.9894	1.275	0.2703	0.4484	0.7130
0.050	-2.5249	-1.9377	-6.8830	1.300	0.2410	0.4040	0.6450
0.075	-2.5050	-1.9437	-6.7187	1.325	0.2198	0.3626	0.5751
0.100	-2.4785	-1.9519	-6.5110	1.350	0.2002	0.3249	0.5132
0.125	-2.4467	-1.9627	-6.2745	1.375	0.1777	0.2922	0.4736
0.150	-2.4103	-1.9756	-6.0211	1.400	0.1606	0.2571	0.4231
0.175	-2.3709	-1.9912	-5.7601	1.425	0.1431	0.2337	0.3806
0.200	-2.3289	-2.0087	-5.4979	1.450	0.1288	0.2070	0.3467
0.225	-2.2856	-2.0284	-5.2391	1.475	0.1158	0.1875	0.3115
0.250	-2.2410	-2.0492	-4.9862	1.500	0.1057	0.1713	0.2736
0.275	-2.1961	-2.0704	-4.7411	1.525	0.0945	0.1553	0.2463
0.300	-2.1509	-2.0908	-4.5047	1.550	0.0871	0.1385	0.2384
0.325	-2.1062	-2.1082	-4.2773	1.575	0.0790	0.1270	0.2061
0.350	-2.0616	-2.1217	-4.0592	1.600	0.0695	0.1141	0.1908
0.375	-2.0178	-2.1282	-3.8502	1.625	0.0664	0.1056	0.1696
0.400	-1.9745	-2.1282	-3.6500	1.650	0.0582	0.0973	0.1611
0.425	-1.9322	-2.1196	-3.4583	1.675	0.0530	0.0896	0.1409
0.450	-1.8905	-2.1041	-3.2748	1.700	0.0507	0.0801	0.1247
0.475	-1.8499	-2.0805	-3.0990	1.725	0.0453	0.0748	0.1041
0.500	-1.8101	-2.0511	-2.9308	1.750	0.0399	0.0647	0.0966
0.525	-1.7713	-2.0156	-2.7696	1.775	0.0389	0.0598	0.0863
0.550	-1.7334	-1.9762	-2.6153	1.800	0.0312	0.0532	0.0743
0.575	-1.6966	-1.9325	-2.4675	1.825	0.0308	0.0484	0.0769
0.600	-1.6606	-1.8864	-2.3261	1.850	0.0270	0.0435	0.0618
0.625	-1.6256	-1.8381	-2.1909	1.875	0.0281	0.0383	0.0613
0.650	-1.5915	-1.7885	-2.0617	1.900	0.0224	0.0346	0.0602
0.675	-1.5584	-1.7378	-1.9383	1.925	0.0201	0.0312	0.0525
0.700	-1.5262	-1.6868	-1.8207	1.950	0.0162	0.0280	0.0390
0.725	-1.4949	-1.6358	-1.7087	1.975	0.0165	0.0273	0.0393
0.750	-1.4646	-1.5851	-1.6022	2.000	0.0135	0.0242	0.0336
0.775	-1.4351	-1.5350	-1.5012	2.025	0.0140	0.0216	0.0244
0.800	-1.4066	-1.4858	-1.4055	2.050	0.0115	0.0170	0.0212
0.825	-1.3789	-1.4377	-1.3151	2.075	0.0121	0.0143	0.0226
0.850	-1.3473	-1.3906	-1.2300	2.100	0.0109	0.0114	0.0151
0.875	-1.2886	-1.3377	-1.1502	2.125	0.0081	0.0126	0.0123
0.900	-1.1542	-1.2693	-1.0738	2.150	0.0089	0.0104	0.0113
0.925	-.9161	-1.0960	-.9832	2.175	0.0085	0.0108	0.0054
0.950	-.6101	-.8367	-.8218	2.200	0.0050	0.0081	0.0097
0.975	-.2905	-.4506	-.4960	2.225	0.0061	0.0068	0.0044
1.000	-.0219	-.0532	-.0609	2.250	0.0059	0.0075	0.0035
1.025	0.1876	0.2747	0.3986	2.275	0.0037	0.0065	-.0040
1.050	0.3079	0.5308	0.7889	2.300	0.0045	0.0083	0.0053
1.075	0.3874	0.6535	1.0188	2.325	0.0049	0.0051	-.0053
1.100	0.4183	0.7239	1.1490	2.350	0.0018	0.0048	-.0026
1.125	0.4251	0.7251	1.1768	2.375	0.0006	0.0021	0.0025
1.150	0.4157	0.7026	1.1510	2.400	0.0031	0.0002	0.0044
1.175	0.3840	0.6573	1.0827	2.425	0.0019	0.0023	-.0117
1.200	0.3594	0.6025	0.9913	2.450	0.0012	0.0020	-.0082
1.225	0.3259	0.5498	0.8913	2.475	0.0016	-.0008	-.0117
1.250	0.2957	0.4953	0.7963	2.500	-.0004	-.0007	-.0156

DIRECT CORRELATION FUNCTIONS FOR $T^* = 3.0$
$\sigma_{22}/\sigma_{11} = 2.00$ $\rho^* = 0.178$ $x_1 = 0.9502$ $\epsilon_{22}/\epsilon_{11} = 3.00$

R^*	c_{11}	c_{12}	c_{22}	R^*	c_{11}	c_{12}	c_{22}
0.025	-2.0984	-1.6362	-5.5434	1.275	0.2671	0.4558	0.7321
0.050	-2.0891	-1.6389	-5.4569	1.300	0.2361	0.4145	0.6613
0.075	-2.0739	-1.6438	-5.3234	1.325	0.2147	0.3710	0.5833
0.100	-2.0540	-1.6503	-5.1553	1.350	0.1946	0.3339	0.5465
0.125	-2.0299	-1.6590	-4.9644	1.375	0.1769	0.2996	0.4828
0.150	-2.0027	-1.6695	-4.7607	1.400	0.1591	0.2716	0.4396
0.175	-1.9731	-1.6821	-4.5518	1.425	0.1406	0.2431	0.4028
0.200	-1.9418	-1.6963	-4.3428	1.450	0.1299	0.2167	0.3563
0.225	-1.9095	-1.7122	-4.1371	1.475	0.1163	0.1961	0.3151
0.250	-1.8765	-1.7292	-3.9369	1.500	0.1048	0.1806	0.2866
0.275	-1.8433	-1.7465	-3.7434	1.525	0.0938	0.1650	0.2562
0.300	-1.8100	-1.7633	-3.5573	1.550	0.0854	0.1461	0.2337
0.325	-1.7770	-1.7778	-3.3789	1.575	0.0763	0.1362	0.1907
0.350	-1.7444	-1.7892	-3.2083	1.600	0.0694	0.1196	0.1962
0.375	-1.7123	-1.7952	-3.0452	1.625	0.0627	0.1105	0.1865
0.400	-1.6808	-1.7961	-2.8896	1.650	0.0565	0.1029	0.1571
0.425	-1.6499	-1.7903	-2.7411	1.675	0.0507	0.0907	0.1299
0.450	-1.6197	-1.7791	-2.5994	1.700	0.0473	0.0827	0.1282
0.475	-1.5902	-1.7616	-2.4642	1.725	0.0410	0.0761	0.1147
0.500	-1.5614	-1.7397	-2.3354	1.750	0.0379	0.0694	0.1046
0.525	-1.5334	-1.7132	-2.2126	1.775	0.0343	0.0610	0.0851
0.550	-1.5060	-1.6837	-2.0955	1.800	0.0302	0.0559	0.0887
0.575	-1.4795	-1.6512	-1.9840	1.825	0.0304	0.0532	0.0802
0.600	-1.4536	-1.6168	-1.8779	1.850	0.0248	0.0475	0.0548
0.625	-1.4285	-1.5808	-1.7768	1.875	0.0239	0.0432	0.0541
0.650	-1.4040	-1.5439	-1.6807	1.900	0.0197	0.0383	0.0463
0.675	-1.3803	-1.5064	-1.5894	1.925	0.0178	0.0347	0.0340
0.700	-1.3573	-1.4686	-1.5027	1.950	0.0185	0.0319	0.0277
0.725	-1.3349	-1.4309	-1.4206	1.975	0.0141	0.0295	0.0298
0.750	-1.3133	-1.3935	-1.3428	2.000	0.0144	0.0274	0.0238
0.775	-1.2923	-1.3566	-1.2693	2.025	0.0125	0.0248	0.0138
0.800	-1.2720	-1.3204	-1.2000	2.050	0.0116	0.0216	0.0027
0.825	-1.2520	-1.2850	-1.1349	2.075	0.0116	0.0217	0.0083
0.850	-1.2290	-1.2505	-1.0739	2.100	0.0079	0.0200	0.0096
0.875	-1.1807	-1.2105	-1.0170	2.125	0.0070	0.0174	0.0134
0.900	-1.0622	-1.1552	-.9628	2.150	0.0077	0.0139	-.0147
0.925	-.8464	-1.0012	-.8935	2.175	0.0051	0.0130	-.0076
0.950	-.5593	-.7635	-.7560	2.200	0.0045	0.0104	-.0105
0.975	-.2704	-.4031	-.4645	2.225	0.0046	0.0094	-.0129
1.000	-.0150	-.0233	-.0380	2.250	0.0033	0.0089	-.0181
1.025	0.1782	0.2872	0.4227	2.275	0.0030	0.0064	-.0258
1.050	0.3006	0.5339	0.8286	2.300	0.0037	0.0063	-.0193
1.075	0.3726	0.6537	1.0636	2.325	0.0008	0.0057	-.0171
1.100	0.4053	0.7228	1.1873	2.350	0.0011	0.0059	-.0214
1.125	0.4098	0.7239	1.2077	2.375	0.0010	0.0052	-.0189
1.150	0.3962	0.7019	1.1555	2.400	0.0005	0.0075	-.0215
1.175	0.3755	0.6597	1.0725	2.425	0.0011	0.0044	-.0280
1.200	0.3493	0.6120	1.0049	2.450	-.0004	0.0013	-.0253
1.225	0.3196	0.5550	0.8791	2.475	-.0003	0.0017	-.0289
1.250	0.2942	0.5053	0.8160	2.500	-.0010	0.0015	-.0221

☆U.S. GOVERNMENT PRINTING OFFICE: 1989-675-785/5094

NBS-114A (REV. 2-80)

U.S. DEPT. OF COMM. BIBLIOGRAPHIC DATA SHEET (See instructions)	1. PUBLICATION OR REPORT NO. NIST/TN-1331	2. Performing Organ. Report No.	3. Publication Date May 1989

4. TITLE AND SUBTITLE

Properties of Lennard-Jones Mixtures at Various Temperatures and Energy Ratios With a Size Ratio of Two

5. AUTHOR(S)

Marcia L. Huber and James F. Ely

6. PERFORMING ORGANIZATION (If joint or other than NBS, see instructions)

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
~~NATIONAL BUREAU OF STANDARDS~~
U.S. DEPARTMENT OF COMMERCE
GAITHERSBURG, MD 20899

7. Contract/Grant No.

8. Type of Report & Period Covered

9. SPONSORING ORGANIZATION NAME AND COMPLETE ADDRESS (Street, City, State, ZIP)

10. SUPPLEMENTARY NOTES

[ ] Document describes a computer program; SF-185, FIPS Software Summary, is attached.

11. ABSTRACT (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here)

In this work we present the results of molecular dynamics computer simulations for binary Lennard-Jones mixtures with a size ratio of two. A total of 84 state points were investigated, at seven compositions ranging from 5 per cent to 95 per cent of the small molecule, energy ratios from 0.5 to 3.0, and three reduced temperatures. In addition to the thermodynamic results, we present extensive tabular data for the radial distribution functions, local compositions and the direct correlation functions. We also discuss several theories of dense fluid mixtures and give a new approximation for the radial distribution function of a pair in a mixture, which we call the modified mean density approximation. The predictions of various thermodynamic quantities from the different liquid mixture models are compared with simulation results. For mixtures with large size differences, the modified mean density approximation was found to be competitive with first order, Lee-Levesque type statistical mechanical perturbation theory.

12. KEY WORDS (Six to twelve entries; alphabetical order; capitalize only proper names; and separate key words by semicolons)

computer simulation; Lennard-Jones mixtures; mean density approximation, molecular dynamics

13. AVAILABILITY

[X] Unlimited

[ ] For Official Distribution. Do Not Release to NTIS

[X] Order From Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

[ ] Order From National Technical Information Service (NTIS), Springfield, VA. 22161

14. NO. OF PRINTED PAGES

426

15. Price

USCOMM-DC 6043-P80