

CONTENTS - Continued

PHYSICAL REVIEW E

THIRD SERIES, VOLUME 63, NUMBER 6

JUNE 2001

General pseudoadditivity of composable entropy prescribed by the existence of equilibrium (3 pages)	061105
Sumiyoshi Abe	
Isobaric molecular dynamics simulations of hard sphere systems (9 pages)	061106
T. Gruhn and P. A. Monson	
Global oscillation mechanism in the stochastic Lotka model (8 pages)	061107
V. Kashcheyevs and V. N. Kuzovkov	
Measurement of the percolation threshold for fully penetrable disks of different radii (5 pages)	061108
J. Quintanilla	
Kinetics of nucleation controlled formation and condensational growth of disperse particles (8 pages)	061109
A. A. Lushnikov and M. Kulmala	
Pair distribution functions of a binary Yukawa mixture and their asymptotic behavior (10 pages)	061110
Christian Tutschka, Gerhard Kahl, and Giorgio Pastore	
Analytical and numerical investigation of escape rate for a noise driven bath (11 pages)	061111
Jyotipratim Ray Chaudhuri, Suman Kumar Banik, Bidhan Chandra Bag, and Deb Shankar Ray	
Multidimensional and memory effects on diffusion of a particle (7 pages)	061112
Jing-Dong Bao	
Equilibrium and linear transport properties of fluids	
Finite-size dependence of the bridge function extracted from molecular dynamics simulations (4 pages)	061201
A. Baumketner and Y. Hiwatari	
Thermodynamic pressure in nonlinear nonequilibrium thermodynamics of dilute nonviscous gases (4 pages)	061202
Maria Stella Mongiovì	
Application of hard sphere perturbation theory for thermodynamics of model liquid metals (5 pages)	061203
K. K. Mon	
Mean-field treatment of polarons in strong electrolytes (7 pages)	061204
G. N. Chuev, V. V. Sychyov, and O. Yu. Sokolova	
Effect of helicity on the effective diffusivity for incompressible random flows (12 pages)	061205
D. S. Dean, I. T. Drummond, and R. R. Horgan	
Reformulation of density functional theory for generation of the nonuniform density distribution (6 pages)	061206
Shiqi Zhou	
Dynamic scaling theory for a tethered membrane in solution (15 pages)	061207
Sheh-Yi Sheu and Dah-Yen Yang	
Forced two-dimensional turbulence in spectral and physical space (12 pages)	061208
Sergey Danilov and David Gurarie	
Light-scattering spectra of supercooled molecular liquids (12 pages)	061209
T. Franosch, M. Fuchs, and A. Latz	
Dynamics in a supercooled molecular liquid: Theory and simulations (10 pages)	061210
Adele Rinaldi, Francesco Sciortino, and Piero Tartaglia	
Model for the atomic-scale structure of the homogeneous cooling state of granular fluids (14 pages)	061211
James F. Lutsko	
Modified Lattice Boltzmann method for compressible fluid simulations (9 pages)	061212
F. L. Hinton, M. N. Rosenbluth, S. K. Wong, Y. R. Lin-Liu, and R. L. Miller	
Granular materials	
Linear response of vibrated granular systems to sudden changes in the vibration intensity (9 pages)	061301
J. Javier Brey and A. Prados	
Convection in a fully immersed granular slurry (5 pages)	061302
Milica Medved, Heinrich M. Jaeger, and Sidney R. Nagel	

(Continued)