

# Future Contributions to *Journal of Statistical Physics*

Asymptotically Degenerate Maximum Eigenvalues of the 8-Vertex Model  
Transfer Matrix and Interfacial Tension

*R. Baxter*

Kinetic Theory of Vibrational Relaxation in a Radiation Field: The Optic-  
Acoustic Effect

*F. R. McCourt and A. Tip*

Dynamical Properties of the Monte Carlo Method in Statistical Mechanics

*H. Müller-Krumbhaar and K. Binder*

A Stochastic Model for Metabolizing Systems with Computer Simulation

*J. S. Milton, C. P. Tsokos, and S. T. Hardiman*

Collective Modes, Damping, and the Scattering Function in Classical Liquids

*A. A. Kugler*

A Convergent Nonequilibrium Statistical Mechanical Theory for Dense  
Gases. I. The Two-Body Distribution Function

*E. Braun and A. Flores*

A Convergent Nonequilibrium Statistical Mechanical Theory for Dense  
Gases. II. Transport Coefficients to First Order in the Density

*A. Flores and E. Braun*

Rotational Travelings in Crystals

*E. N. Ivanov*

The Quasicrystal Model of the Brownian Rotational Motion

*E. N. Ivanov*

A Particle Picture of “Tunneling” and the Nature of “Photon”–Matter Interaction

*V. J. Lee*

On the Simple-Source Theory of Sound from Statistical Turbulence

*W. C. Meecham*

On the Nonequilibrium Statistical Mechanics of a Binary Mixture. I. The Distribution Functions

*E. Braun, A. Flores, and L. S. García-Colín*

On the Nonequilibrium Statistical Mechanics of a Binary Mixture. II. The Transport Coefficients

*L. S. García-Colín, A. Flores, and E. Braun*

Field Theory of the Two-Dimensional Ising Model: Equivalence to the Free-Particle One-Dimensional Dirac Equation

*R. A. Ferrell*