

## **Future Contributions to *Journal of Statistical Physics***

Convexity Violations for Non-Integer Parameters in Certain Lattice Models

*Robert B. Griffiths and P. D. Gujrati*

Voronoi Cell Properties from Simulated and Real Random Spheres and Points

*Howard G. Hanson*

Special Solution of the Mode-Coupling Equations for a Two-Component Magnetic System

*W. Schattke*

On the Linearization of Nonlinear Langevin-Type Stochastic Differential Equations

*M. C. Valsakumar, K. P. N. Murthy, and G. Ananthakrishna*

Approximate Gaussian Representation of Evolution Equations. I. Single Degree

*Bruce J. West and Galina Rovner*

On the Dynamics and Ergodic Properties of the *XY*-Model

*Huzihiro Araki and Eytan Barouch*

Analytic Study of Power Spectra of the Tent Maps near Band-Splitting Transitions

*H. Shigematsu, H. Mori, T. Yoshida, and H. Okamoto*

A Monte Carlo Study of the Entropy, the Pressure, and the Critical Behavior of the Hard-Square Lattice Gas

*Hagai Meirovitch*

Probability Distribution of Photocounts of the Light Scattered by Critical Fluctuations

*S. H. Chen, C. C. Lai, J. Rouch, and P. Tartaglia*

Statistical Mechanics and Population Biology

*Lloyd Demetrius*

Phase Transition in a Four-Dimensional Random Walk with Application  
to Medical Statistics

*O. E. Percus and J. K. Percus*