

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

### *ARTICLES*

Dynamic Monte Carlo Renormalization Group

*Naeem Jan, L. Leo Moseley, and Dietrich Stauffer*

The Two-Dimensional One-Component Plasma at  $\Gamma = 2$ : The Semiperiodic Strip

*Ph. Choquard, P. J. Forrester, and E. R. Smith*

Phase Transition in a Lattice Gas of Hard Spheres with Second-Neighbor Exclusions on the Simple Cubic Lattice

*Dale A. Huckaby*

Comparison of Molecular Dynamics and Monte Carlo Computer Simulation of Spinodal Decomposition

*S. W. Koch and Rainer Liebman*

On the Nature of the Nearest Singularities of the Free Energy in the Neighborhood of a Critical Point

*Michael Coopersmith*

Surface Tension and Phase Coexistence for General Lattice Systems

*Jean Bricmont, Koji Kuroda, and Joel L. Lebowitz*

Zeros of the Partition Function Using Theorems of Ruelle

*James L. Monroe*

Magnetization Concavity in Ferromagnets

*Garrett S. Sylvester*

HNC-Type Approximation for Transport Processes in Electrolytic Solutions

*Dietrich Kremp, Werner Ebeling, Hartmut Krienke, and Rainer Sändig*

Partition Function of a Particle Subject to Gaussian Noise

*Eugene P. Gross*

Time Evolution of an Infinite Number of Vortices in a Strip

*C. Marhioro and E. Omerti*

An Enskog Repeated-Ring Kinetic Equation: Long-Time Tails and the Brownian Limit

*A. J. Masters and T. Keyes*

Diffusion in a Bistable Potential: A Comparative Study of Different Methods of Solution

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

Invariant Curves, Attractors, and Phase Diagram of a Piecewise Linear Map with Chaos

*Tamás Tél*

Spontaneous Emission of a Two-Level System and the Influence of the Rotating-Wave Approximation on the Final State

*J. Seke*

#### *DEPARTMENTS*

Book Review: Random Fields, Volumes I and II

*George Papanicolau*

Book Review: Stability of Thermodynamic Systems

*Bruce J. West*

Book Review: Physical Kinetics

*J. R. Dorfman*