

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

Pierre Résibois: 1936–1979

*I. Prigogine and G. Dewel*

The Bobylev Approach to the Nonlinear Boltzmann Equation

*E. H. Hauge and E. Praestgaard*

On the Brownian Motion of a Frequency-Modulated Oscillator

*Robert M. Mazo*

The Runaway Effect in a Lorentz Gas

*J. Piasecki*

On the Nonergodicity of the Transverse Magnetization in the Transverse Ising Model

*R. Dagonnier and Martine Dumont*

Static and Dynamic Critical Phenomena of the Two-Dimensional  $q$ -State Potts Model

*K. Binder*

An Exact Solution of the Renormalization-Group Equations for the Mean Field Theory of Stable and Metastable States

*Gregory Dee, James D. Gunton, and Kyozu Kawasaki*

Perturbative Analysis of the Convection Instability

*C. P. Enz*

Nonequilibrium Phase Transitions and Chemical Instabilities

*G. Dewel, P. Borckmans, and D. Walgraef*

*H*-Theorem for an Infinite, One-Dimensional, Hard-Point System

*Michel Mareschal*

The Statistical Mechanical Resolution of a Thermodynamic "Paradox"

*C. D. Boley and Marlan O. Scully*

Ito Versus Stratonovich

*N. G. van Kampen*

A Solvable Problem in Poisson Statistics

*Y. Pomeau*

Classification of Rearrangement Mechanisms and Dynamic Stereochemistry

*J. Brocas*

An Electrothermal Instability in a Conducting Wire; Homogeneous and Inhomogeneous Stationary States for an Exactly Solvable Model

*P. Mazur and D. Bedaux*

Phenomenological Phase Transition Approach to the Two-Component Rayleigh-Bénard Problem: Tricritical Behavior

*Manuel G. Velarde and J. Carlos Antoranz*

Gradient Theory of Fluid Microstructures

*H. T. Davis and L. E. Scriven*

Periodic Gibbs States of Ferromagnetic Spin Systems

*Jean Bricmont, Joel L. Lebowitz, and Charles M. Pfister*

The Third Law of Thermodynamics and the Degeneracy of the Ground State for Lattice Systems

*Michael Aizenman and Elliott H. Lieb*