

Future Contributions to *Journal of Statistical Physics*

NESS Theory of Random Steady States: The Energy Cascade
T. Keyes

Mean-Field Bounds and Correlation Inequalities
Alan D. Soka

Lower Bounds on Entropy for Polymer Chains on a Square and a Cubic
Lattice
P. D. Gujrati

A First-Order Phase Transition between Crystal Phases in the Shift Model
Francesco Nicolò and Charles Radin

On the Global Character of Some Restricted Equilibrium Conditions—A
Remark on Metastability
J. Fernando Perez and R. H. Schonmann

A Monte Carlo Method for Approximating Critical Cluster Size in the
Nucleation of Model Systems
Barbara N. Hale and Richard C. Ward

Application of the Real-Space Dynamic Renormalization Group Method
to the One-Dimensional Spin-Exchange Model
Gene F. Mazenko and Enis Oğuz

Kinetic Equations for a Quantum Gas with Bound States
James A. McLennan

Microscopic Basis for Fick's Law for Self-Diffusion
J. L. Lebowitz and H. Spohn

Asymptotic Properties of Coupled Nonlinear Langevin Equations in the
Limit of Weak Noise. I: Cusp Bifurcation
C. Van Den Broek, M. Malek Mansour, and F. Baras

Asymptotic Properties of Coupled Nonlinear Langevin Equations in the
Limit of Weak Noise. II: Transition to a Limit Cycle

F. Baras, M. Malek Mansour, and C. Van Den Broek

The Hilbert Expansion to the Boltzmann Equation for Steady Flow

Can F. Dalale

The Ellipsoid Paradox in Thermodynamics

W. T. Welford and R. Winston

NOTE

Enhancement of Turbulence in a Stratified Fluid by the Presence of a
Shear Field

Michael A. Stroschio

LETTERS TO THE EDITOR

The Problems in Biochemistry and Biophysics

Terrell L. Hill

Response to Terrell L. Hill

J. S. Shiner

Comments on J. S. Shiner Response

Terrell L. Hill

BOOK REVIEWS

Statistical Mechanics of the Liquid State

Jerome Percus

Soliton-Mathematical Methods for Physicists

Robert M. Miura