

Future Contributions to *Journal of Statistical Physics*

ARTICLES

Preface

Joel L. Lebowitz

On the Quantum Langevin Equation

G. W. Ford and M. Kac

Variations on a Theme by Marc Kac

P. W. Kasteleyn

New Perspectives on Kac Ring Models

M. Dresden

Difference Equations and Conservation Laws

T. D. Lee

Anderson Localization for One-Dimensional Difference Schrödinger Operator with Quasiperiodic Potential

Ya. G. Sinai

Internal Lifschitz Tails

Barry Simon

Some Characterizations of Strange Sets

Mitchell J. Feigenbaum

Scaling Spectra and Return Times of Dynamical Systems

Mitchell J. Feigenbaum

Intrinsic Fluctuations in Explosive Reactions

N. G. van Kampen

Symmetric Linear Collision Operators in Kinetic Theory

E. G. D. Cohen and I. M. de Schepper

Generalized Classical Theory of Magnetism

Carmelo Pisani and Colin J. Thompson

Completely Analytical Interactions: Constructive Description

E. L. Dobrushin and S. B. Shlosman

Wetting in Potts and Blume-Capel Models

J. Bricmont and J. L. Lebowitz

Strict Inequalities for Some Critical Exponents in Two-Dimensional Percolation

Harry Kesten and Yu Zhang

Percolation and Scaling on a Quasilattice

Jian Ping Lu and Joseph L. Birman

Spectral Fluctuations and Zeta Functions

N. L. Balazs, C. Schmit, and A. Voros

Inverse Spectral Theory for Random Jacobi Matrices

René Carmona and Shinichi Kotani

Geometry of KDV(2): 3 Examples

H. P. McKean

Stochastic Calculus in Physics

Ronald F. Fox

Logarithmic Sobolev Inequalities and Stochastic Ising Models

Richard Holley and Daniel Stroock

Large Deviations for Noninteracting Infinite Particle Systems

M. D. Donsker and S. R. S. Varadhan

Large-Order Estimates for Ground-State Energy Perturbation Series

Stephen Breen