

Future Contributions to *Journal of Statistical Physics*

ARTICLES

On the Stability of the $O(N)$ -Invariant and the Cubic-Invariant Three-Dimensional N -Component Renormalization-Group Fixed Points in the Hierarchical Approximation

K. Pinn, M. Rehwald, and Chr. Wieczerkowski

Growth of Ordered Domains in a Computer Model Alloy with Lattice Misfit

P. Nielaba, P. Fratzl, and J. L. Lebowitz

Exact Solution of a Cellular Automaton for Traffic

M. R. Evans, N. Rajewsky, and E. R. Speer

Generalized van Smoluchowski Model of Reaction Rates, with Reacting Particles and a Mobile Trap

Aleksandar Donev, Jeff Rockwell, and Daniel ben-Avraham

Construction of BGK Models with a Family of Kinetic Entropies for a Given System of Conservation Laws

F. Bouchut

Persistence in Reaction-Diffusion Problems: I. Bosons

Michael J. Stephen and Robin B. Stinchcombe

Stochastic Symmetry-Breaking in a Gaussian Hopfield Model

Anton Bovier, Aernout C. D. van Enter, and Beat Niederhauser

The Spectral Gap for the Kawasaki Dynamics at Low Temperature

N. Cancrini, F. Cesi, and F. Martinelli

Dynamical Localization II with an Application to the Almost Mathieu Operator

François Germinet

Computing the Topological Entropy for Piecewise Monotonic Maps on the Interval

Thomas Steinberger

Entropy Production in Nonlinear, Thermally-Driven Hamiltonian Systems
Jean-Pierre Eckmann, Claude-Alain Pillet, and Luc Rey-Bellet

A Gallavotti–Cohen-Type Symmetry in the Large-Deviation Functional for Stochastic Dynamics
Joel L. Lebowitz and Herbert Spohn

The Fluctuation Theorem as a Gibbs Property
Christian Maes

Smooth Dynamics and New Theoretical Ideas in Nonequilibrium Statistical Mechanics
David Ruelle

SHORT COMMUNICATIONS

An Example of Nonuniqueness for Solutions to the Homogeneous Boltzmann Equation
Bernt Wennberg

Radiative Transport in a Periodic Structure
Guillaume Bal, Albert Fannjiang, George Papanicolaou, and Leonid Ryzhik

Asymptotic Lower Bound for the Relative Disparities of Truncated-Path-Integral Partition Functions
Sidney Golden

DEPARTMENTS

Ising Cluster Kinetics at the Critical Point
Dietrich Stauffer and Iksoo Chang

Book Review: *Books on Complexity*
Sinisa Pajevic

Book Review: *Nonequilibrium Statistical Mechanics in One Dimension*
Josep M. Porra

Book Review: *Theoretical and Mathematical Models in Polymer Research, Modern Methods in Polymer Research and Technology*
Rudi Podgornik

Erratum
H. P. McKean

Program of the 1997 Statistical Mechanics and Related Topics Meeting