

Future Contributions to *Journal of Statistical Physics*

- Presentation Functions, Fixed Points, and a Theory of Scaling Function Dynamics
Mitchell J. Feigenbaum
- The Complex Potential Generated by the Maximal Measure for a Family of Rational Maps
Artur Oscar Lopes
- Chaos in Discrete Maps, Deterministic Scattering, and Nondifferentiable Functions
A. Okniński
- The Spectrum of a One-Dimensional Hierarchical Model
Roberto Livi, Amos Maritan, and Stefano Ruffo
- Diffusion of Directed Polymers in a Random Environment
J. Z. Imbrie and T. Spencer
- Energy Gaps and Elementary Excitations for Certain VBS-Quantum Antiferromagnets
Stefan Knabe
- Free Energy of the Solvable Chiral Potts Model
R. J. Baxter
- Magnetization of the Ising Model on the Generalized Checkerboard Lattice
K. Y. Lin and F. Y. Wu
- Logarithmic Corrections to Finite-Size Scaling in the Four-State Potts Model
C. J. Hamer, M. T. Batchelor, and Michael N. Barber
- Correlation Inequalities for Two-Component Hypercubic ϕ^4 Models
José L. Soria
- A Note on the Cluster Variation Method
Guozhong An
- Phase Transition for a One-Dimensional Lattice Gas with Hard Core
David Klein and Wei-Shih Yang
- Fourier Acceleration of Iterative Processes in Disordered Systems
Ghassan George Batrouni and Alex Hansen
- Monte Carlo Study of the Critical Behavior of Pure and Site-Diluted Ising Ferro- and Ferrimagnets
P. Braun and M. Fähnle
- Spin-Spin Correlation Function in the Two-Dimensional Ising Model with Linear Defects. I.
 $T < T_c$
Lee-Fen Ko

- Spin-Spin Correlation Function in the Two-Dimensional Ising Model with Linear Defects. II.
 $T > T_c$
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- Local State Probabilities for Solvable Restricted Solid-on-Solid Models: A_n , D_n , $D_n^{(1)}$, and $A_n^{(1)}$
Atsuo Kuniba and Tetsu Yajima
- On Nonlinear Stationary Half-Space Problems in Discrete Kinetic Theory
Carlo Cercignani, Reinhard Illner, Mario Pulvirenti, and Marvin Shinbrot
- Construction of Positive Exact $(2 + 1)$ -Dimensional Shock Wave Solutions for Two Discrete Boltzmann Models
Henri Cornille
- The Projection Approach to the Fokker-Planck Equation. I. Colored Gaussian Noise
Sandro Faetti, Leone Fronzoni, Paolo Grigolini, and Riccardo Mannella
- The Projection Operator Approach to the Fokker-Planck Equation. II. Dichotomic and Non-linear Gaussian Noise
Sandro Faetti, Leone Franzoni, Paolo Grigolini, Vincenzo Palleschi, and Girolamo Tropiano
- A Two-Dimensional Fokker-Planck Equation Degenerating on a Straight Line
I. I. Fedchenia
- Solution of the One-Dimensional Linear Boltzmann Equation for Charged Maxwellian Particles in an External Field
Otto J. Eder and Maximilian Posch
- Long-Time Asymptotics in the One-Dimensional Trapping Problem with Large Bias
A. Aldea, M. Dulea, and P. Gartner
- Fluctuations in a One-Dimensional Mechanical System. I. The Euler Limit
C. Boldrighini and W. David Wick
- Transitivity and Ergodicity of Quantum Systems
H. Narnhofer, W. Thirring, and H. Wiklicky

SHORT COMMUNICATIONS

- Arbitrarily Slow Decay of Correlations in Quasiperiodic Systems
K. Golden and S. Goldstein
- Immiscible Cellular-Automaton Fluids
Daniel H. Rothman and Jeffrey M. Keller

DEPARTMENTS

- Comment on a Genetic Application of Square-Lattice Kauffman Models
U. Keller, B. Thomas, and H.-J. Pohley
- Book Review: Introduction to Modern Statistical Mechanics
Katja Lindenberg
- Book Review: Introduction to Path-Integral Methods in Physics and Polymer Science
Daniel Ben-Avraham
- Book Review: Instabilities and Chaos in Quantum Optics
Paolo Grigolini