

Future Contributions to *Journal of Statistical Physics*

ARTICLES

Effect of Disorder on Two-Dimensional Wetting

B. Derrida, V. Hakim, and J. Vannimenus

Existence of Several Surface-Reconstructed Phases in a Two-Dimensional Lattice Model

Dale A. Huckaby and Franz S. Rys

Microcanonical Density Functionals for Critical Systems: An Exact One-Dimensional Example

Lev V. Mikheev and Michael E. Fisher

Dynamical Analysis of Low-Temperature Monte Carlo Cluster Algorithms

Fabio Martinelli

A Renormalization Group Analysis of Correlation Functions for the Dipole Gas

J. Dimock and T. R. Hurd

Smooth Phase in the One-Dimensional Discrete Gaussian Model with $1/(i-j)^2$ Interactions at Inverse Temperature $\beta > 1$

Domingos H. U. Marchetti

Asymptotic Behavior of Correlation Functions for Electrical Potential and Field Fluctuations in a Classical One-Component Plasma

L. G. Suttorp

Uniform Upper Bounds (and Thermodynamic Limit) for the Correlation Functions of Symmetric Coulomb-Type Systems

Michael K.-H. Kiessling

Intermittency from Maximum Entropy Distribution

Robert Engelman

Determination of Fixed Points and Shift Cycles for Nearest Neighbor Cellular Automata

Burton Voorhees

The Attractor-Basin Portrait of a Cellular Automaton

James E. Hanson and James P. Crutchfield

A Multidimensional Continued Fraction and Some of Its Statistical Properties

P. R. Baldwin

- A Convergence Exponent for Multidimensional Continued-Fraction Algorithms
P. R. Baldwin
- A Long-Time Tail for Random Walk in Random Scenery
F. den Hollander, J. Naudts, and P. Scheunders
- Chemical Reactions as Dynamical Systems on the Interval
L. Rondoni and R. F. Streater
- Half-Range Completeness for the Fokker–Planck Equation with an External Force
C. Cercignani and C. Sgarra
- Invariance Principle for the Stochastic Lorentz Lattice Gas
F. den Hollander, J. Naudts, and F. Redig
- The Localization Properties of a Random Steady Flow on a Lattice
Alexander Figotin
- Natural Boundaries for Area-Preserving Twist Maps
A. Berretti, A. Celletti, L. Chierchia, and C. Falcolini
- A Renormalization Group Explanation of Numerical Observations of Analyticity Domains
Rafael de la Llave

SHORT COMMUNICATIONS

- Landslides on Sandpiles: Some Moment Relations in One Dimension
Joachim Krug
- A Lower Bound for the Memory Capacity in the Potts–Hopfield Model
Pablo A. Ferrari, Servet Martínez, and Pierre Picco
- Accurate Monte Carlo Tests of the Stochastic Ginzburg–Landau Model with Multiplicative Colored Noise
Jingdong Bao, Yizhong Zhuo, and Xizhen Wu
- Molecular Dynamics Calculations for the Modified xy -Model
Peter Litz, Stefan Langenbach, and Alfred Hüller
- Renormalization Group Equations in Local Approximation
Yu. M. Ivanchenko, A. A. Lisyansky, and A. A. Filippov
- First Passage Time Distribution in an Oscillating Field
S. V. G. Menon

DEPARTMENTS

- Book Review: *Statistical Mechanics of Neural Networks*
C. Van den Broeck
- Program: Statistical Mechanics at the 45th Parallel