

Future Contributions to *Journal of Statistical Physics*

ARTICLES

Field-Dependent Conductivity and Diffusion in a Two-Dimensional Lorentz Gas

András Baranyai, Denis J. Evans, and E. G. D. Cohen

On the Parallel Dynamics of the Q -State Potts and Q -Ising Neural Networks

D. Bollé, B. Vinck, and V. A. Zagrebnov

Droplet Dynamics for Asymmetric Ising Model

R. Kotecký and E. Olivieri

Surface-Driven Instability and Enhanced Relaxation in the Dynamics of a Nonequilibrium Interface

Chuck Yeung, J. L. Mozos, A. Hernández-Machado, and David Jasnow

Exact Solution of the Discrete $(1+1)$ -Dimensional SOS Model with Field and Surface Interactions

Aleksander L. Owczarek and Thomas Prellberg

Nonlinear Chemical Dynamics in Low Dimensions: An Exact Soluble Model

A. Provata, J. W. Turner and G. Nicolis

Dispersion of Particles in Periodic Media

I. Claes and C. Van den Broeck

A Stochastic Model of Deposition Processes with Nucleation

Vladimir Belitsky

Kinetic Boundary Layers in Gas Mixtures: Systems Described by Nonlinearly Coupled Kinetic and Hydrodynamic Equations and Applications to Droplet Condensation and Evaporation

M. E. Widder and U. M. Titulaer

The Motion of a Tagged Particle and Nonhomogeneous Media in R^1

Wojciech Szatzschneider

Solutions of Singular Integral Equations from Gas Dynamics and Plasma Physics

Lamberto Rondoni and Paul F. Zweifel

Brownian Excursions on Combs

David S. Dean and Kalvis M. Jansons

Random Walk on Distant Mesh Points Monte Carlo Methods

I. Dimov and O. Tonev

Thermal Helium Clusters at 3.2 Kelvin in Classical and Semiclassical Simulations

J. Schulte

One-Dimensional Chiral Models with First-Order Phase Transitions

V. F. Müller

Response Factorization of Simply Connected Ising Lattices with Application to Bethe Lattice Spin Glasses

G. Zhang and J. K. Percus

SHORT COMMUNICATIONS

Periodic Behavior of Cellular Automata

Y. Pomeau

Correlated Majority Model

Constantino Tsallis and Uriel M. S. Costa

Absence of First-Order Phase Transitions for Antiferromagnetic Systems

David Klein and Wei-Shih Yang

DEPARTMENTS

Book Review: *Quantum and Statistical Field Theory*

Moshe Gitterman

Book Review: *Fundamental Problems in Statistical Mechanics VII*

C. van den Broeck and C. Vanderzande