

Future Contributions to *Journal of Statistical Physics*

ARTICLES

Absence of Self-Averaging of the Order Parameter in the Sherrington–Kirkpatrick Model

L. A. Pastur and M. V. Shcherbina

Large- n Limit of the Heisenberg Model: Random External Field and Random Uniaxial Anisotropy

B. A. Khoruzhenko

Exact Analysis of a Lattice Gas on the 3-12 Lattice with Two- and Three-Site Interactions

Julian J.-L. Ting, Simon C. Lin, and F. Y. Wu

Interface Interactions in Modulated Phases, and Upsilon Points

Kevin E. Bassler, Kazuo Sasaki, and Robert B. Griffiths

A Twist on Chiral Potts

Brian Davies

Finite-Size Effects and Phase Transition in the Three-Dimensional Three-State Potts Model

O. F. de Alcantara Bonfim

On the Swendsen–Wang Dynamics. I. Exponential Convergence to Equilibrium

Fabio Martinelli, Enzo Olivieri, and Elisabetta Scoppola

On the Swendsen–Wang Dynamics. II. Critical Droplets and Homogeneous Nucleation at Low Temperature for the Two-Dimensional Ising Model

Fabio Martinelli, Enzo Olivieri, and Elisabetta Scoppola

Monte Carlo Simulation of Phase Separation and Clustering in the ABV Model

Khwaja Yaldram and Kurt Binder

Stability of Interfaces in a Random Environment. A Rigorous Renormalization Group Analysis of a Hierarchical Model

Anton Bovier and Pierre Picco

Classical “Freezing” of Fast Rotations. A Numerical Test of the Boltzmann–Jeans Conjecture

Oscar Baldan and Giancarlo Benettin

New Microscopic Approach to the Statistical Mechanics Problem of Chemical Association

Kåre Olaussen and George Stell

Gibbs States and Equilibrium States for Finitely Presented Dynamical Systems

V. Baladi

A Note on the Artuso–Aurell–Cvitanovic Approach to the Feigenbaum Tangent Operator

Marc Pollicott

Invariants for the Critical Points in Network Models of Flow in Porous Media

Rolf Maier and W. G. Laidlaw

Staggered Diffusivities in Lattice Gas Cellular Automata

R. Brito, M. H. Ernst, and T. R. Kirkpatrick

Asymptotic Behavior of Densities for Two-Particle Annihilating Random Walks

Maury Bramson and Joel L. Lebowitz

Statistics of Transfer Matrices for Disordered Quantum Thin Metallic Slabs

Pierre Devillard

Modified Fermi–Dirac Statistics of Fermionic Lattice Gas by the Back-Jump Correlations

T. Barszczak and R. Kutner

On the Limiting Distribution of Pair-Summable Potential Functions in Many-Particle Systems

Kevin A. O'Neil and Richard A. Redner

On the Trace Map for Products of Matrices Associated with Substitutive Sequences

Jacques Peyriere

SHORT COMMUNICATIONS

A Random Field Model for Anomalous Diffusion in Heterogeneous Porous Media

James Glimm and David H. Sharp

Freezing of Nonequilibrium Domain Structures in a Kinetic Ising Model

J. Jäckle, R. B. Stinchcombe, and S. Cornell

Geometric Localization of the Threshold in Two-Dimensional Ising $\pm J$ Spin Glasses for $T=0$

J. Bendisch

Interface Motion in a Two-Dimensional Ising Model with a Field

Pierre Devillard

On Correction to Scaling for Two- and Three-Dimensional Scalar and Vector Percolation

Muhammad Sahimi and Sepehr Arbabi

Evidence for Spinodal Singularities in High-Dimensional Nearest-Neighbor Ising Models

T. S. Ray

Pair-Correlated Patterns in Hopfield Model of Neural Networks

Francisco A. Tamarit and Evaldo M. F. Curado

Poisson Point Processes, Cascades, and Random Coverings of R^n

F. Koukiou and P. Picco

DEPARTMENTS

Book Review: Statistical Mechanics of Magnetically Ordered Systems

Amnon Aharony, Ora Entin-Wohlman, and Victor Fleurov

Book Review: Synergetics and Dynamical Instabilities

Bruce J. West

Book Review: The Nonequilibrium Statistical Mechanics of Open and Closed Systems

Shaul Mukamel

Book Review: Statistical Theory of Heat

Irwin Oppenheim

Book Review: Finite-Size Scaling, Vol. 2

George H. Weiss

Erratum

Masafumi Fujimoto

Addendum

A. C. D. van Enter, Joan Adler, and J. A. M. S. Duarte

Printed in Belgium