Future Contributions to
Journal of Statistical Physics

ARTICLES

The Three-State Square-Lattice Potts Antiferromagnet at Zero Temperature
Jesús Salas and Alan D. Sokal

Percolation in a Voronoi Competition-Growth Model
Elisabeti Kira, E. Jordão Neves, and Roberto H. Schonmann

On Stability of the Quenched State in Mean-Field Spin-Glass Models
M. Aizenman and P. Contucci

Critical Exponents of the Diluted Ising Model between Dimensions 2 and 4
Yu. Holovatch and T. Yavors'kii

Thermodynamic Limit for Dipolar Media
S. Banerjee, R. B. Griffiths, and M. Widom

Correlation Functions, Cluster Functions, and Spacing Distributions for Random Matrices
Craig A. Tracy and Harold Widom

Metastability and Spinodal Points for a Random Walker on a Triangle
Peter F. Arndt and Thomas Heinzel

One-Dimensional Hamiltonian for Columnar Liquid Crystals
R. D'hulst and A. Caillé

Coverage and Structure of Films of Spherical Particles Deposited after Diffusing in a Gravitational Field
Ho Suk Choi and Julian Talbot

Finite Range of Large Perturbations in Hamiltonian Dynamics
D. Bénisti and D. F. Escande

The Modified Group Expansions for Construction of Solutions to the BBGKY Hierarchy
A. E. Kobryn, I. P. Omelyan, and M. V. Tokarchuk

Nonlinear Wave Propagation in a Disordered Medium
Jared C. Bronski

Ising Quantum Chain and Sequence Evolution
Holger Wagner, Ellen Baake, and Thomas Gerisch

Stability of Driven Systems with Growing Gaps, Quantum Rings, and
Wannier Ladders
Joachim Asch, Pierre Duclos, and Pavel Exner

Peierls Instability for the Holstein Model with Rational Density
G. Benfatto, G. Gentile, and V. Mastropietro

Regularization of Quantum Relative Entropy in Finite Dimensions and
Application to Entropy Production
K. Lendi, F. Farhadmotamed, and A. J. van Wonderen

Peierls Argument and Long-Range Order Behavior of Quantum Lattice
Systems with Unbounded Spins
S. Albeverio, A. Yu. Kondratiev, and A. L. Rebenko

Small-Mass Behavior of Quantum Gibbs States for Lattice Models with
Unbounded Spins
S. Albeverio, Yu. G. Kondratiev, R. A. Minlos, and A. L. Rebenko

Asymptotics of the Interband Light Absorption Coefficient near the Band
Edge for an Alloy-Type Model
W. Kirsch, L. A. Pastur, and H. Stork

SHORT COMMUNICATIONS

Geometric Forces on Point Fluxes in Quantum Hall Fluids
J. E. Avron and P. G. Zograf

The $O(n)$ Loop Model on the 3–12 Lattice
M. T. Batchelor

DEPARTMENTS

Book Review: *Lattice-Gas Cellular Automata*
D. C. Rapaport

Book Review: *The Critical Point. A Historical Introduction to the Modern
Theory of Critical Phenomena*
Benjamin Widom

Program of the 79th Statistical Mechanics Meeting
Joel L. Lebowitz