

## **Future Contributions to *Journal of Statistical Physics***

### *ARTICLES*

The Asymmetric One-Dimensional Constrained Ising Model: Rigorous Results

*David Aldous and Persi Diaconis*

Mandelbrot Cascade Measures Independent of Branching Parameter

*G. Molchan*

Spontaneous Breaking of Transitional Invariance and Spatial Condensation in Stationary States on a Ring. II. The Charged System and the Two-Component Burgers Equations

*Peter F. Arndt and Vladimir Rittenberg*

Spectra and Transport in Almost Periodic Dimers

*Túlio O. Carvalho and César R. de Oliveira*

Scale-Invariant Branch Distribution from a Soluble Stochastic Model

*M. B. Hastings*

Linear Boltzmann Equation as the Long Time Dynamics of an Electron Weakly Coupled to a Phonon Field

*László Erdős*

Thermodynamics of the General Diffusion Process: Time-Reversibility and Entropy Production

*Hong Qian, Min Qian, and Xiang Tang*

Statistical Mechanics of Classical Systems with Distinguishable Particles

*Robert H. Swendsen*

Finitized Conformal Spectra of the Ising Model on the Klein Bottle and Möbius Strip

*C. H. Otto Chui and Paul A. Pearce*

Exact Potts Model Partition Functions for Strips of the Square Lattice

*Shu-Chiuan Chang, Jesús Salas, and Robert Shrock*

A Universal Amplitude Ratio for the  $q \leq 4$  Potts Model from a Solvable Lattice Model

*Katherine A. Seaton*

Analyticity of the  $d$ -Dimensional Bond Percolation Probability around  $p = 1$

*Gastão A. Braga, Aldo Proccaci, and Remy Sanchis*

A Generalization of the Collatz Problem. Building Cycles and a Stochastic Approach

*J. L. Rouet and M. R. Feix*

#### DEPARTMENTS

Book Review: *Theory of Critical Phenomena in Finite-Size Systems, Scaling and Quantum Effects*

*Per Lyngs Hansen*

Book Review: *Critical Properties of  $\phi^4$ -Theories*

*Yurij Holovatch*