

Future Contributions to *Journal of Statistical Physics*

ARTICLES

- Chaotic Principle: Some Applications to Developed Turbulence
Giovanni Gallavotti
- Positivity of Entropy Production in the Presence of a Random Thermostat
David Ruelle
- Stationary Nonequilibrium States in Boundary-Driven Hamiltonian Systems: Shear Flow
N. I. Chernov and J. L. Lebowitz
- Applications of Periodic Orbit Theory to N -Particle Systems
Lamberto Rondoni and Gary P. Morriss
- Universal Homoclinic Bifurcations and Chaos near Double Resonances
G. Haller
- Entropy Dissipation and Moment Production for the Boltzmann Equation
Bernt Wennberg
- Friction Coefficients and Directed Motion of Asymmetric Test Particles
K. Handrich and F.-P. Ludwig
- Majority Rule at Low Temperatures on the Square and Triangular Lattices
Tom Kennedy
- Effect of the Block-Spin Configuration on the Location of β_c in Two-Dimensional Ising Models
Mohamed Ould-Lemrabott
- Renormalization Group at Criticality and Complete Analyticity of Constrained Models: A Numerical Study
Emilio N. M. Cirillo and Enzo Olivieri
- Corner Exponents in the Two-Dimensional Potts Model
Dragi Karevski, Peter Lajkó, and Loïc Turban
- Different Self-Avoiding Walks on Percolation Clusters: A Small-Cell Real-Space Renormalization-Group Study
J.-P. Hovi and Amnon Aharony

Renormalization of One-Dimensional Avalanche Models

Jeff Hasty and Kurt Wiesenfeld

Universality Properties of the Stationary States in the One-Dimensional
Coagulation–Diffusion Model with External Particle Input

Haye Hinrichsen, Vladimir Rittenberg, and Horatiu Simon

Conservation Laws and Integrability of a One-Dimensional Model of Dif-
fusing Dimers

Gautam I. Menon, Mustansir Barma, and Deepak Dhar

Duality Relations for Asymmetric Exclusion Processes

Gunter M. Schütz

Dynamics of the Schlögl Models on Lattices of Low Spatial Dimension

S. Prakash and G. Nicolis

Multifractal Analysis of Infinite Products

Fan Ai Hua

Generalized Gradient Expansions in Quantum Transport Equations

Petr Král

SHORT COMMUNICATIONS

A Lower Bound on the Variance of Conductance in Random Resistor
Networks

Jan Wehr

Néel Order in the Ground State of Spin-1/2 Heisenberg Antiferromagnetic
Multilayer Systems

J. Rodrigo Parreira, O. Bolina, and J. Fernando Perez

A Strong Law of Large Numbers for Iterated Functions of Independent
Random Variables

Jan Wehr

The Granular Phase Diagram

Sergei E. Esipov and Thorsten Pöschel

DEPARTMENTS

Book Review: *Physics and Fractal Structures*

Philip G. McQueen

Book Review: *Wavelets: An Analysis Tool*

Sinisa Pajevic

Program of the Third Statistical Physics Days