

Future Contributions to *Journal of Statistical Physics*

What Do We Know about Self-Similarity in Fluid Turbulence?

Mark Nelkin

Statistical Mechanics of the Nonlinear Schrödinger Equation. II. Mean Field Approximation

Joel L. Lebowitz, Harvey A. Rose, and Eugene R. Speer

Exact Results for Correlations in a Two-Component Log-Gas

P. J. Forrester

Absence of Symmetry Breaking for Systems of Rotors with Random Interactions

Cezar A. Bonato and Massimo Campanino

Phase Transitions in Systems with a Finite Number of Dominant Ground States

J. Bricmont and J. Slawny

On the Upper Critical Dimensions of Random Spin Systems

Hal Tasaki

Block Spin Approach to ϕ_3^4 Field Theory

Hiroshi Watanabe

Exact Thermodynamic Behavior of a Generalized Spin-Isospin Ising System on the Bethe Lattice

C. Papantafillou, C. E. Paraskevaidis, C. Krikos, and P. Panagopoulos

A Numerical Study of the Phase Structure of the Q -State Generalization of the Hard Square Model

Tobias M. Haas

Spatial Fluctuations in Reaction-Limited Aggregation

P. G. J. van Dongen

On the Calculation of Equilibrium Time Correlation Functions in Hard Sphere Fluids

I. M. de Schepper, E. G. D. Cohen, and B. Kamgar-Parsi

The Friction Coefficient of a Lennard–Jones Fluid from the Random Force Autocorrelation Function Determined as a Memory Function by Molecular Dynamics Calculations

R. Vogelsang and C. Hoheisel

Linear Radiation Transport in Randomly Distributed Binary Mixtures: A One-Dimensional and Exact Treatment for the Scattering Case

D. Vanderhaegen and C. Deutsch

Equipartition and Rate of Energy Exchanges in a Model of a Radiant Cavity

C. Alabiso, M. Casartelli, and S. Sello

Dynamics of the Current-Driven Josephson Junction

Thomas Unnerstall

Ground State of a Spin-Phonon System. I. Variational Estimates

Eugene P. Gross

Ground State of a Spin-Phonon System. II. Adiabatic Limit

Eugene P. Gross

Ground State of a Spin-Phonon System. III. Small- B Limit

Eugene P. Gross

Thermodynamics and Phase Transitions in the Overhauser Model

N. G. Duffield and J. V. Pulé

Graph Optimization Problems on a Bethe Lattice

Mario J. de Oliveira

Local Structure Theory: Calculation on Hexagonal Arrays and Interaction of Rule and Lattice

Howard A. Gutowitz and Jonathan D. Victor

Fluctuations in Derrida's Random Energy and Generalized Random Energy Models

Antonio Galves, Servet Martinez, and Pierre Picco

Power Law Scaling of the Top Lyapunov Exponent of a Product of Random Matrices

K. Ravishankar

Stochastic Versus Chaotic Dynamics in a Deterministic System

E. Gudowska-Nowak, A. Kleczkowski, and G. O. Williams