

Future Contributions to *Journal of Statistical Physics*

ARTICLES

Nonintersecting String Model and Graphical Approach: Equivalence with
a Potts Model

J. H. H. Perk and F. Y. Wu

Random Surfaces in Statistical Mechanics: Roughening, Rounding,
Wetting,...

J. Bricmont, A. El Mellouki, and J. Fröhlich

Lifshitz Tails for Periodic Plus Random Potentials

W. Kirsch and B. Simon

Quasicrystal Ising Chain and Automata Theory

Jean-Paul Allouche and Michel Mendes France

Computer Investigations of the Three-Dimensional Ising Model

Michael Creutz, P. Mitra, and K. J. M. Moriarty

Bond Percolation on a Finite Lattice: The One-State Potts Model
Reconsidered

Joseph Rudnick and George Gaspari

On the Continuity of the Magnetization and Energy in Ising Ferromagnets

J. Bricmont and J. L. Lebowitz

Charged Rods in a Periodic Background: A Solvable Model

P. J. Forrester

Mayer Coefficients in Two-Dimensional Coulomb Systems

Eugene R. Speer

The Properties of Connected Graphs and Some Corrections to the List of
Uhlenbeck and Ford

J. S. Rowlinson

On the Relation Between a Fluctuating Diffusion Equation and Long Time
Tails in Stationary Random Media

Alan K. Harrison and Robert Zwanzig

Anomalous Long Time Tails Due to Trapping

Jonathan Machta

Decay of Correlations in the Regular Lorentz Gas

Jonathan Machta and Bruce Reinhold

Scattering of Radiation by a Quasiperiodic Two-Dimensional Medium

Maria Serra

Statistical Replacement for Systems with Delta-Correlated Fluctuations

J. Kottalam, Katja Lindenberg, and Bruce J. West

Exact Probability Distribution for Soluble Model with Quadratic Noise

J. Luczka

A Variational Approach to Stochastic Nonlinear Problems

R. Phythian and W. D. Curtis

Thermo Field Dynamics of Quantum Spin Systems

Masuo Suzuki

Langevin Dynamics Simulations of Phase Separation in a One-Component System

M. Schobinger, S. W. Koch, and Farid F. Abraham

Stationary Velocity Distribution in an External Field: A One-Dimensional Model

A. Gervois and J. Piasecki

Heat Conductivity of Three Periodic Hard Disks via Nonequilibrium Molecular Dynamics

William G. Hoover and Karl W. Kratky

Irreversibility and Nonrecurrence

Joseph B. Keller and Luis L. Bonilla

A Geometrical Measure for Entropy Changes

Tova Feldmann, R. D. Levine, and Peter Salamon

DEPARTMENTS

Book Review: Fundamental Problems in Statistical Mechanics VI.

Herbert Spohn

Book Review: Chemical Oscillations, Waves and Turbulence

Bruce J. West