Future Contributions to Journal of Statistical Physics

ARTICLES

- Perturbation Theory of the Fermi Surface in a Quantum Liquid. A General Quasi-particle Formalism and One-Dimensional Systems
 - G. Benfatto and G. Gallavotti
- Asymptotic Behavior of Energy Band Associated with a Negative Energy Level
 - V. L. Oleinik
- Spectral Properties of a Periodically Kicked Quantum Hamiltonian

 M. Combescure
- Linear Quantum Enskog Equation. I. Homogeneous Quantum Fluids
 D. Loss
- On the Snider Equation
 - F. Laloë and W. J. Mullin
- The Density of States in the Anderson Model at Weak Disorder: A Renormalization Group Analysis of the Hierarchical Model

 Anton Bovier
- A Link Between Quantum and Classical Potts Models

 Taku Matsui
- Chiral Potts Model as a Descendent of the Six-Vertex Model V. V. Bazhanov and Yu. G. Stroganov
- Cluster Variation Method and Möbius Inversion Formula
- The Nearest Neighbor Gradient System. A Rigorous Model for a Version of the Minimal Entropy Production Principle

 Michael G. Mürmann
- Global Existence in L^1 for the Enskog Equation and Convergence of the Solutions to Solutions of the Boltzmann Equation
 - Leif Arkeryd and Carlo Cercignani

540 Future Contributions

A Microscopic Derivation of Macroscopic Sharp Interface Problems Involving Phase Transitions

- G. Caginalp
- The Quasiclassical Langevin Equation and Its Application to the Decay of a Metastable State and to Quantum Fluctuations
 - U. Eckern, W. Lehr, A. Menzel-Dorwarth, F. Pelzer, and A. Schmid
- The One-Dimensional Kinetic Ising Model: A Series Expansion Study Douglas Poland
- Monotonicity of the Number of Self-Avoiding Walks George L. O'Brien
- The Kirkwood-Salsburg Equations for Random Continuum Percolation James A. Given and George Stell
- Systematics of the Models of Immune Response and Autoimmune Disease

 Debashish Chowdhury and Dietrich Stauffer
- Comparative Study of Damage Spreading in the Ising Model Using Heat-Bath Glauber and Metropolis Dynamics
 - A. M. Mariz, H. J. Herrmann, and L. de Arcangelis
- Stochastic Analyses of the Dynamics of Generalized Little-Hopfield-Hemmen Type Neural Networks

 Masatoshi Shiino

SHORT COMMUNICATION

- A High-Precision Study of the Hopfield Model in the Phase of Broken Replica Symmetry
 - G. A. Kohring

DEPARTMENTS

Erratum: Two-Dimensional Monomer-Dimer Systems are Computationally Intractable

Mark Jerrum

Book Review: Dynamical Processes in Condensed Molecular Systems

Michael F. Shlesinger