## Future Contributions to Journal of Statistical Physics

## ARTICLES

Exact Partition Functions and Correlation Functions of Multiple Hamiltonian Walks on the Manhattan Lattice Bertrand Duplantier and François David

Mayer Expansions and the Hamiltonian-Jacobi Equation. II. Fermions, Dimensional Reduction Formulas

D. C. Brydges and J. D. Wright

Solvable Isotherms for a Two-Component System of Charged Rods on a Line

P. J. Forrester

Universality Class of a Fibonacci Ising Model Craig A. Tracy

Spontaneous Magnetization of the Ising Model on a Layered Square Lattice

K. Y. Lin and S. K. Ma

The Weak Disorder Expansion of the Invariant Measure for the One-Dimensional Anderson Model

Anton Bovier and Abel Klein

Modulated Phases and the Mean-Field Theory of Magnetism with Competing Interactions

P. J. Forrester and Colin J. Thompson

Distribution Functions for Fluids in Random Media William G. Madden and Eduardo D. Glandt

Equilibrium State of Aggregation in Suspensions Comprising Linear Clusters

Ruben D. Cohen

Size Distribution of Fractured Areas in One-Dimensional Systems H. M. Ito, S. Kotani, and T. Yokota

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From Lagrangian to Brownian Motion

Moshe Schwartz and R. Brustein

Asymptotic Normality in a Two-Dimensional Random Walk Model for Cell Motility

Wolfgang Stadje

Diffusion in a Periodic Potential with a Local Perturbation K. Golden, S. Goldstein, and J. L. Lebowitz

A Discretized Spectral Approximation in Neutron Transport Theory. Some Numerical Considerations

A. Sengupta and R. Venugopal

Stationary Boltzmann Equation for a Degenerate Gas in a Slab: Boundary Value Problem and Hydrodynamics

N. Ianiro and L. Triolo

Noncommutative Cumulants for Stochastic Differential Equations and for Generalized Dyson Series

Gerhard C. Hegerfeldt and Henrik Schulze

Quantum Shot Noise: Expansions in Powers of the Pulse Density Gerhard C. Hegerfeldt and Henrik Schulze

## **DEPARTMENTS**

Program of the 58th Statistical Mechanics Meeting