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- Moore, C., and Nilsson, M.: The Computational Complexity of Sandpiles **96**:205 (1999).
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- Müller, S.: Diffusion of a Test Chain in a Quenched Background of Semidilute Polymers **96**:169 (1999).
- Münzner, R., see Gerisch, T., *et al.* **97**:751 (1999).
- Nakamura, K.-I., Matano, H., Hilhorst, D., and Schätzle, R.: Singular Limit of a Reaction-Diffusion Equation with a Spatially Inhomogeneous Reaction Term **95**:1165 (1999).
- Nakano, F., and Kaminaga, M.: Absence of Transport under the Slowly Varying Potential in Disordered Systems **97**:917 (1999).
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- Nardi, F. R., Olivieri, E., and Zahradník, M.: On the Ising Model with Strongly Anisotropic External Field **97**:87 (1999).
- Neumayr, A., and Metzner, W.: Reduction Formula for Fermion Loops and Density Correlations of the 1D Fermi Gas **96**:613 (1999).
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- Newman, M. E. J., and Palmer, R. G.: Error Estimation in the Histogram Monte Carlo Method **97**:1011 (1999).
- Nicolis, C., see Theunissen, M., *et al.* **94**:437 (1999).
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- Nielaba, P., Fratzl, P., and Lebowitz, J. L.: Growth of Ordered Domains in a Computer Model Alloy with Lattice Misfit **95**:23 (1999).
- Niethammer, B., and Pego, R. L.: Non-Self-Similar Behavior in the LSW Theory of Ostwald Ripening **95**:867 (1999).
- Nilsson, M., see Moore, C. **96**:205 (1999).
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- O'Carroll, M., see Pereira, E., *et al.* **95**:665 (1999).
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- Olivieri, E., see Bertini, L., *et al.* **97**:831 (1999).
- Olkiewicz, R., see Blanchard, P. **94**:933 (1999).
- Olkiewicz, R., see Blanchard, P. **94**:913 (1999).
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- Pereira, E., Procacci, A., and O'Carroll, M.: Multiscale Formalism for Correlation Functions of Fermions. Infrared Analysis of the Tridimensional Gross-Neveu Model **95**:665 (1999).
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- Prestipino, S., and Giaquinta, P. V.: Statistical Entropy of a Lattice-Gas Model: Multiparticle Correlation Expansion **96**:135 (1999).
- Presutti, E., see Lebowitz, J. L., et al. **94**:955 (1999).
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- Procacci, A., and Scoppola, B.: Polymer Gas Approach to  $N$ -body Lattice Systems **96**:49 (1999).
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Rosinberg, M. L., see Kierlik, E., *et al.* **94**:805 (1999).  
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Ruelle, D.: Smooth Dynamics and New Theoretical Ideas in Nonequilibrium Statistical Mechanics **95**:393 (1999).  
Ryzhik, L., see Bal, G., *et al.* **95**:479 (1999).  
Sahimi, M.: Book Review: Statistical Physics of Fractures and Breakdown in Disordered Systems **94**:1057 (1999).  
Saied, E. A., and El-Rahman, R. G. A.: Analytic Solutions for Asymmetric Model of a Rod in a Lattice Fluid **94**:639 (1999).  
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Sander, E., and Wanner, T.: Monte Carlo Simulations for Spinodal Decomposition **95**:925 (1999).  
Santos, A., see Brey, J. J., *et al.* **97**:281 (1999).  
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Schmittmann, B., see Shaw, L. B., *et al.* **95**:981 (1999).  
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Schoenmaker, W., and Magnus, W.: Non-Abelian Random Polygons: a New Model in Statistical Physics **94**:389 (1999).  
Schulz, M., and Trimper, S.: Analytical and Numerical Studies of the One-Dimensional Spin Facilitated Kinetic Ising Model **94**:173 (1999).  
Scoppola, B., see Procacci, A. **96**:49 (1999).  
Scoppola, B., see Procacci, A. **96**:907 (1999).  
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Sempio, P., see Benettin, G., *et al.* **94**:871 (1999).  
Seppäläinen, T., and Krug, J.: Hydrodynamics and Platoon Formation for a Totally Asymmetric Exclusion Model with Particlewise Disorder **95**:525 (1999).  
Shaw, L. B., Schmittmann, B., and Zia, R. K. P.: Phase Transitions in a Driven Lattice Gas with Anisotropic Interactions **95**:981 (1999).  
Shepp, L., see Itoh, Y. **97**:209 (1999).  
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Sidharth, B. G.: Anomalous Fermions **95**:775 (1999).  
Sinai, Y. G.: Simple Random Walks on Tori **94**:695 (1999).  
Sokal, A. D., see Ferreira, S. J. **96**:461 (1999).  
Soskin, S. M.: Large Fluctuations in Multi-Attractor Systems and the Generalized Kramers Problem **97**:609 (1999).  
Soto-Campos, G., Bowles, R., Itkin, A., and Reiss, H.: Statistical Geometry and Lattices **96**:1111 (1999).  
Speer, E. R., see Evans, M. R., *et al.* **95**:45 (1999).

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Spohn, H., see Lebowitz, J. L. **95**:333 (1999).  
Spohn, H., and Zwerger, W.: Decay of the Two-Point Function in One-Dimensional  $O(N)$  Spin Models with Long-Range Interactions **94**:1037 (1999).  
Stauffer, D., and Chang, I.: Ising Cluster Kinetics at the Critical Point **95**:503 (1999).  
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Stephen, M. J., and Stinchcombe, R. B.: Persistence in Reaction-Diffusion Problems: I. Bosons **95**:171 (1999).  
Stinchcombe, R. B., see Stephen, M. J. **95**:171 (1999).  
Stuart, A. M., and Warren, J. O.: Analysis and Experiments for a Computational Model of a Heat Bath **97**:687 (1999).  
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Szalma, F., and Iglói, F.: Two-Dimensional Dilute Ising Models: Critical Behavior near Defect Lines **95**:759 (1999).  
Tarjus, G., see Kierlik, E., et al. **94**:805 (1999).  
Taylor, J. E.: A Variational Approach to Crystalline Triple-Junction Motion **95**:1221 (1999).  
Téllez, G., and Forrester, P. J.: Exact Finite Size Study of the 2D OCP at  $\Gamma=4$  and  $\Gamma=6$  **97**:489 (1999).  
Theunissen, M., Nicolis, C., and Nicolis, G.: Recurrence Times in Quasiperiodic Motion: Statistical Properties, Role of Cell Size, Parameter Dependence **94**:437 (1999).  
Thorleifsson, G., see Anagnostopoulos, K. N., et al. **94**:321 (1999).  
Toom, A.: On Percolation with Fibers or Layers **96**:429 (1999).  
Torres, J. J., see Marro, J., et al. **94**:837 (1999).  
Toscani, G., and Villani, C.: Probability Metrics and Uniqueness of the Solution to the Boltzmann Equation for a Maxwell Gas **94**:619 (1999).  
Travisset, A., see Cacciuto, A., et al. **97**:541 (1999).  
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Troccoli, M., see Cirillo, E. N. M., et al. **94**:67 (1999).  
Trubowitz, E., see Feldman, J., et al. **94**:113 (1999).  
Tzavaras, A. E., see Katsoulakis, M. A. **96**:715 (1999).  
Ueltschi, D.: Analyticity in Hubbard Models **95**:693 (1999).  
van der Sman, R. G. M., and Ernst, M. H.: Diffusion Lattice Boltzmann Scheme on a Orthorhombic Lattice **94**:203 (1999).  
van Enter, A. C. D., see Bovier, A., et al. **95**:181 (1999).  
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Verbeure, A., see Michoel, T. **96**:1125 (1999).  
Vila, J. P., see Nouri, A., et al. **94**:779 (1999).  
Villani, C., see Toscani, G. **94**:619 (1999).  
Voorhees, P. W., see Johnson, W. C. **95**:1281 (1999).  
Vujić, D.: Branched Polymers on the Two-Dimensional Square Lattice with Attractive Surfaces **95**:767 (1999).  
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Warren, J. O., see Stuart, A. M. **97**:687 (1999).  
Warzel, S., see Hupfer, T., et al. **97**:725 (1999).  
Watson, G. I.: Symmetry Relations for the Six-Vertex Model **94**:1045 (1999).  
Weiss, H.: The Lyapunov Spectrum for Conformal Expanding Maps and Axiom-A Surface Diffeomorphisms **95**:615 (1999).

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- Widom, H.: On the Relation Between Orthogonal, Symplectic and Unitary Matrix Ensembles **94**:347 (1999).
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- Wright, J. D., and Brydges, D.: Erratum: Mayer Expansions and the Hamiltonian-Jacobi Equation. II. Fermions, Dimensional Reduction Formulas, JSP, 1, 435–456, 1988 **97**:1027 (1999).
- Zahradník, M., see Nardi, F. R., *et al.* **97**:87 (1999).
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