

Author Index for *Journal of Statistical Physics* (2004)

- Adachi, S., Peper, F., and Lee, J.: Computation by Asynchronously Updating Cellular Automata **114**:261 (2004).
- Adib, A. B.: Does the Boltzmann Principle Need a Dynamical Correction? **117**:581 (2004).
- Albeverio, S., and Mazzucchi, S.: Some New Developments in the Theory of Path Integrals, with Applications to Quantum Theory **115**:191 (2004).
- Andrén, D., see Häggkvist, R., *et al.* **114**:455 (2004).
- Angelani, L., see Zamponi, F., *et al.* **115**:1655 (2004).
- Aqua, J.-N., and Cornu, F.: Density Profiles in a Quantum Coulomb Fluid Near a Hard Wall **115**:997 (2004).
- Arbieto, A., Matheus, C., and Pacifico, M. J.: The Bernoulli Property for Weakly Hyperbolic Systems **117**:243 (2004).
- Avron, J. E., Elgart, A., Graf, G. M., and Sadun, L.: Transport and Dissipation in Quantum Pumps **116**:425 (2004).
- Ay, N., see Erb, I. **115**:949 (2004).
- Baake, M., and Löwe, M.: Comment on: Curious Properties of Simple Random Walks **116**:1449 (2004).
- Bach, V., and Møller, J. S.: Correlation at Low Temperature: II. Asymptotics **116**:591 (2004).
- Bahraminasab, A., Tabei, S. M. A., Masoudi, A. A., Shahbazi, F., and Reza Rahimi Tabar, M.: Zero Tension Kardar-Parisi-Zhang Equation in $(d + 1)$ -Dimensions **116**:1521 (2004).
- Balázs, M.: Multiple Shocks in Bricklayers' Model **117**:77 (2004).
- Balinsky, A., Laptev, A., and Sobolev, A. V.: Generalized Hardy Inequality for the Magnetic Dirichlet Forms **116**:507 (2004).
- Bálint, P., and Troubetzkoy, S.: Rotor Interaction in the Annulus Billiard **117**:681 (2004).
- Banach, G., see Lemański, R., *et al.* **116**:699 (2004).
- Bao, J.-D.: Numerical Integration of a Non-Markovian Langevin Equation with a Thermal Band-Passing Noise **114**:503 (2004).
- Bardos, C., Golse, F., Gottlieb, A. D., and Mauser, N. J.: Accuracy of the Time-Dependent Hartree-Fock Approximation for Uncorrelated Initial States **115**:1037 (2004).
- Barkai, E.: Stable Equilibrium Based on Lévy Statistics: A Linear Boltzmann Equation Approach **115**:1537 (2004).
- Barreira, L., and Doutor, P.: Birkhoff Averages for Hyperbolic Flows: Variational Principles and Applications **115**:1567 (2004).
- Bar-Yam, Y., see de Aguiar, M. A. M., *et al.* **114**:1417 (2004).
- Batchelor, M. T., Guan, X.-W., Oelkers, N., and Ying, Z.-J.: Quantum Phase Diagram of an Exactly Solved Mixed Spin Ladder **116**:571 (2004).

- Bauer, M., see Coulomb, S. **115**:1251 (2004).
- Bauke, H., and Mertens, S.: Pseudo Random Coins Show More Heads Than Tails **114**:1149 (2004).
- Baxter, R. J.: The Six and Eight-Vertex Models Revisited **116**:43 (2004).
- Baxter, R. J.: Transfer Matrix Functional Relations for the Generalized $\tau_2(t_g)$ Model **117**:1 (2004).
- Bednorz, A., and Cichocki, B.: General H -Theorem for Hard Spheres **114**:327 (2004).
- Bellissard, J.: Random Matrix Theory and the Anderson Model **116**:739 (2004).
- Benedetto, D., Castella, F., Esposito, R., and Pulvirenti, M.: Some Considerations on the Derivation of the Nonlinear Quantum Boltzmann Equation **116**:381 (2004).
- Benfatto, G., and Mastropietro, V.: Ward Identities and Vanishing of the Beta Function for $d=1$ Interacting Fermi Systems **115**:143 (2004).
- Benguria, R., and Depassier, M. C.: Variational Calculation of the Period of Nonlinear Oscillators **116**:923 (2004).
- Benzi, R., Biferale, L., and Sbragaglia, M.: A Gibbs-Like Measure for Single-Time, Multi-Scale Energy Transfer in Stochastic Signals and Shell Model of Turbulence **114**:137 (2004).
- Berglund, N., and Gentz, B.: On the Noise-Induced Passage Through an Unstable Periodic Orbit I: Two-Level Model **114**:1577 (2004).
- Bergman, D. J., see Li, X. **117**:427 (2004).
- Berkenbusch, M. K., Claus, I., Dunn, C., Kadanoff, L. P., Nicewicz, M., and Venkataramani, S. C.: Discrete Charges on a Two Dimensional Conductor **116**:1301 (2004).
- Bertacchi, D., and Zucca, F.: Classification on the Average of Random Walks **114**:947 (2004).
- Bertin, E., Billiot, J.-M., and Drouilhet, R.: Phase Transition in the Nearest-Neighbor Continuum Potts Model **114**:79 (2004).
- Bertini, L., Cirillo, E. N. M., and Olivieri, E.: A Combinatorial Proof of Tree Decay of Semi-Invariants **115**:395 (2004).
- Bertini, L., De Sole, A., Gabrielli, D., Jona-Lasinio, G., and Landim, C.: Minimum Dissipation Principle in Stationary Non-Equilibrium States **116**:831 (2004).
- Bertini, L., and Toninelli, C.: Exclusion Processes with Degenerate Rates: Convergence to Equilibrium and Tagged Particle **117**:549 (2004).
- Bianchi, A., Contucci, P., and Knauf, A.: Stochastically Stable Quenched Measures **117**:831 (2004).
- Biferale, L., see Benzi, R., *et al.* **114**:137 (2004).
- Billiot, J.-M., see Bertin, E., *et al.* **114**:79 (2004).
- Biroli, G., see Toninelli, C. **117**:27 (2004).
- Biskup, M., Borgs, C., Chayes, J. T., and Kotecký, R.: Partition Function Zeros at First-Order Phase Transitions: Pirogov-Sinai Theory **116**:97 (2004).
- Biskup, M., Chayes, L., and Kotecký, R.: A Proof of the Gibbs-Thomson Formula in the Droplet Formation Regime **116**:175 (2004).
- Blanchard, Ph., and Krüger, T.: The “Cameo Principle” and the Origin of Scale-Free Graphs in Social Networks **114**:1399 (2004).
- Blanchard, Ph., see Cessac, B., *et al.* **115**:1283 (2004).
- Bloch, A. M., Hagerty, P., Rojo, A. G., and Weinstein, M. I.: Gyroscopically Stabilized Oscillators and Heat Baths **115**:1073 (2004).
- Blower, G.: Displacement Convexity for the Generalized Orthogonal Ensemble **116**:1359 (2004).
- Bobylev, A. V., Gamba, I. M., and Panferov, V. A.: Moment Inequalities and High-Energy Tails for Boltzmann Equations with Inelastic Interactions **116**:1651 (2004).
- Bodineau, T., and Giacomin, G.: On the Localization Transition of Random Copolymers Near Selective Interfaces **117**:801 (2004).
- Boguñá, M.: Book Review: Evolution of Networks. From Biological Nets to the Internet and WWW. S. N. Dorogovtsev and J. F. F. Mendes, Oxford University Press, Oxford, 2003 **114**:1627 (2004).

- Bolina, O., see Wreszinski, W. F. **116**:1389 (2004).
- Bonetto, F., Lebowitz, J. L., and Lukkarinen, J.: Fourier's Law for a Harmonic Crystal with Self-Consistent Stochastic Reservoirs **116**:783 (2004).
- Borgonovi, F., Celardo, G. L., Maianti, M., and Pedersoli, E.: Broken Ergodicity in Classically Chaotic Spin Systems **116**:1435 (2004).
- Borgs, C., see Biskup, M., *et al.* **116**:97 (2004).
- Bovier, A., Merola, I., Presutti, E., and Zahradnik, M.: On the Gibbs Phase Rule in the Pirogov–Sinai Regime **114**:1235 (2004).
- Briet, P., Cornean, H. D., and Zagrebnov, V. A.: Do Bosons Condense in a Homogeneous Magnetic Field? **116**:1545 (2004).
- Brummelhuis, R., and Ruskai, M. B.: One-Dimensional Models for Atoms in Strong Magnetic Fields, II: Anti-Symmetry in the Landau Levels **116**:547 (2004).
- Brydges, D. C., Guadagni, G., and Mitter, P. K.: Finite Range Decomposition of Gaussian Processes **115**:415 (2004).
- Bunimovich, L., see Stoop, R., *et al.* **114**:1127 (2004).
- Caillol, J.-M.: Sine-Gordon Theory for the Equation of State of Classical Hard-Core Coulomb Systems. III. Loopwise Expansion **115**:1461 (2004).
- Camia, F., and Newman, C. M.: Continuum Nonsimple Loops and 2D Critical Percolation **116**:157 (2004).
- Camia, F., and Newman, C. M.: The Percolation Transition in the Zero-Temperature Domany Model **114**:1199 (2004).
- Cancrini, N., and Tremoulet, C.: Comparison of Finite Volume Canonical and Grand Canonical Gibbs Measures: The Continuous Case **117**:1023 (2004).
- Caprara, S., see Di Castro, C., *et al.* **115**:91 (2004).
- Caracciolo, S., Gambassi, A., Gubinelli, M., and Pelissetto, A.: Finite-Size Scaling in the Driven Lattice Gas **115**:281 (2004).
- Carati, A., Cipriani, P., and Galgani, L.: On the Definition of Temperature in FPU Systems **115**:1101 (2004).
- Carles, R., Markowich, P. A., and Sparber, C.: Semiclassical Asymptotics for Weakly Non-linear Bloch Waves **117**:343 (2004).
- Castella, F., see Benedetto, D., *et al.* **116**:381 (2004).
- Castro, C. D., Guerra, F., and Martinelli, F.: Introduction **115**:3 (2004).
- Celardo, G. L., see Borgonovi, F., *et al.* **116**:1435 (2004).
- Cessac, B., Blanchard, P., Krüger, T., and Meunier, J. L.: Self-Organized Criticality and Thermodynamic Formalism **115**:1283 (2004).
- Chabanol, M.-L., and Duchon, J.: Markovian Solutions of Inviscid Burgers Equation **114**:525 (2004).
- Chang, S.-C., Jacobsen, J. L., Salas, J., and Shrock, R.: Exact Potts Model Partition Functions for Strips of the Triangular Lattice **114**:763 (2004).
- Chayes, J. T., see Biskup, M., *et al.* **116**:97 (2004).
- Chayes, L., see Biskup, M., *et al.* **116**:175 (2004).
- Chechkin, A. V., Gonchar, V. Y., Klafter, J., Metzler, R., and Tanatarov, L. V.: Lévy Flights in a Steep Potential Well **115**:1505 (2004).
- Chew, Y. T., see Niu, X. D., *et al.* **117**:665 (2004).
- Choquard, P., and Wagner, J.: On the “Mean Field” Interpretation of Burgers’ Equation **116**:843 (2004).
- Christensen, K., see Stapleton, M., *et al.* **117**:891 (2004).
- Ciccotti, G., and Kalibaeva, G.: Simulation of a Diatomic Liquid Using Hard Spheres Model **115**:701 (2004).

- Cichocki, B., see Bednorz, A. **114**:327 (2004).
- Ciliberti, S., and Marinari, E.: A Quantitative Clustering Approach to Ultrametricity in Spin Glasses **115**:557 (2004).
- Cipriani, P., and Politi, A.: An Open-System Approach for the Characterization of Spatio-Temporal Chaos **114**:205 (2004).
- Cipriani, P., see Carati, A., *et al.* **115**:1101 (2004).
- Cirillo, E. N. M., see Bertini, L., *et al.* **115**:395 (2004).
- Claus, I., see Berkenbusch, M. K., *et al.* **116**:1301 (2004).
- Clisby, N., and McCoy, B. M.: Analytic Calculation of B_4 for Hard Spheres in Even Dimensions **114**:1343 (2004).
- Clisby, N., and McCoy, B. M.: Negative Virial Coefficients and the Dominance of Loose Packed Diagrams for D -Dimensional Hard Spheres **114**:1361 (2004).
- Collet, P., and Eckmann, J.-P.: Liapunov Multipliers and Decay of Correlations in Dynamical Systems **115**:217 (2004).
- Coninck, J. D., Dobrowolny, C., Miracle-Solé, S., and Ruiz, J.: Wetting of Heterogeneous Surfaces at the Mesoscopic Scale **114**:575 (2004).
- Conlon, J. G.: PDE with Random Coefficients and Euclidean Field Theory **116**:933 (2004).
- Contucci, P., see Bianchi, A., *et al.* **117**:831 (2004).
- Contucci, P., and Graffi, S.: Monotonicity and Thermodynamic Limit for Short Range Disordered Models **115**:581 (2004).
- Cornean, H. D., see Briet, P., *et al.* **116**:1545 (2004).
- Cornille, H.: Discrete Velocity Models and One Continuous Relation **114**:977 (2004).
- Cornu, F., see Aqua, J.-N. **115**:997 (2004).
- Costin, O., Costin, R. D., and Lebowitz, J. L.: Time Asymptotics of the Schrödinger Wave Function in Time-Periodic Potentials **116**:283 (2004).
- Costin, R. D., see Costin, O., *et al.* **116**:283 (2004).
- Coulomb, S., and Bauer, M.: On Certain Perturbations of the Erdős–Renyi Random Graph **115**:1251 (2004).
- Crowdy, D., and Tanveer, S.: The Effect of Finiteness in the Saffman–Taylor Viscous Fingering Problem **114**:1501 (2004).
- Cuesta, J. A., and Sánchez, A.: General Non-Existence Theorem for Phase Transitions in One-Dimensional Systems with Short Range Interactions, and Physical Examples of Such Transitions **115**:869 (2004).
- Cugliandolo, L. F., see Semerjian, G., *et al.* **115**:493 (2004).
- Dachian, S., and Nahapetian, B. S.: Description of Specifications by Means of Probability Distributions in Small Volumes Under Condition of Very Weak Positivity **117**:281 (2004).
- de Aguiar, M. A. M., Rauch, E. M., and Bar-Yam, Y.: Invasion and Extinction in the Mean Field Approximation for a Spatial Host-Pathogen Model **114**:1417 (2004).
- Debussche, A., see Prato, G. D. **115**:451 (2004).
- de Coulon, V., see Reuse, F. A., *et al.* **114**:361 (2004).
- de Gier, J., Nienhuis, B., Pearce, P. A., and Rittenberg, V.: The Raise and Peel Model of a Fluctuating Interface **114**:1 (2004).
- Dell'Antonio, G. F., and Panati, G.: The Flux-Across-Surfaces Theorem and Zero-Energy Resonances **116**:1161 (2004).
- De Masi, A., and Gobron, T.: Liquid-Vapor Interfaces and Surface Tension in a Mesoscopic Model of Fluid with Nonlocal Interactions **115**:643 (2004).
- den Hollander, F., and Wüthrich, M. V.: Diffusion of a Heteropolymer in a Multi-Interface Medium **114**:849 (2004).
- Depassier, M. C., see Benguria, R. **116**:923 (2004).

- de Pasquale, F., and Giampaolo, S. M.: Expansion Around the Mean Field in Quantum Magnetic Systems **115**:125 (2004).
- Dereziński, J., and Jakšić, V.: On the Nature of Fermi Golden Rule for Open Quantum Systems **116**:411 (2004).
- Derrida, B., Douçot, B., and Roche, P.-E.: Current Fluctuations in the One-Dimensional Symmetric Exclusion Process with Open Boundaries **115**:717 (2004).
- Derrida, B., Enaud, C., and Lebowitz, J. L.: The Asymmetric Exclusion Process and Brownian Excursions **115**:365 (2004).
- Derrida, B., see Enaud, C., *et al.* **114**:537 (2004).
- De Sanctis, L., and Isopi, M.: On the “Matrix Approach” to Interacting Particle Systems **115**:383 (2004).
- De Sole, A., see Bertini, L. *et al.* **116**:831 (2004).
- Di Castro, C., Raimondi, R., and Caprara, S.: Renormalization Group and Ward Identities in Quantum Liquid Phases and in Unconventional Critical Phenomena **115**:91 (2004).
- Dieterich, W., see Heinrichs, S., *et al.* **114**:1115 (2004).
- Dinaburg, E., Maes, C., Pirogov, S., Redig, F., and Rybko, A.: The Potts Model Built on Sand **117**:179 (2004).
- Dingler, M., see Stapleton, M., *et al.* **117**:891 (2004).
- Dirr, N.: A Stefan Problem with Surface Tension as the Sharp Interface Limit of a Nonlocal System of Phase-Field Type **114**:1085 (2004).
- Dobrovolny, C., Laanait, L., and Ruiz, J.: Surface Transitions of the Semi-Infinite Potts Model I: The High Bulk Temperature Regime **114**:1269 (2004).
- Dobrovolny, C., Laanait, L., and Ruiz, J.: Surface Transitions of the Semi-Infinite Potts Model II: The Low Bulk Temperature Regime **116**:1405 (2004).
- Dobrovolny, C., see Coninck, J. D., *et al.* **114**:575 (2004).
- Domb, C.: Book Review: The Scientific Letters and Papers of James Clerk Maxwell. P.M. Harman, ed. Vol. III, Cambridge University Press, Cambridge **116**:1703 (2004).
- Dotsenko, V.: Infinite Range Interaction Model of a Structural Glass **115**:823 (2004).
- Douçot, B., see Derrida, B., *et al.* **115**:717 (2004).
- Doutor, P., see Barreira, L. **115**:1567 (2004).
- Dowker, F., and Henson, J.: Spontaneous Collapse Models on a Lattice **115**:1327 (2004).
- Drouilhet, R., see Bertin, E., *et al.* **114**:79 (2004).
- Duchon, J., see Chabanol, M.-L. **114**:525 (2004).
- Dudnikova, T. V., Komech, A. I., and Mauser, N. J.: On Two-Temperature Problem for Harmonic Crystals **114**:1035 (2004).
- Dunn, C., see Berkenbusch, M. K., *et al.* **116**:1301 (2004).
- Dürr, D., Goldstein, S., and Zanghi, N.: Quantum Equilibrium and the Role of Operators as Observables in Quantum Theory **116**:959 (2004).
- Dyson, F.: Elliott’s World: From Square Ice to Cubic Jellium **116**:3 (2004).
- Eckmann, J.-P., and Zabey, E.: Strange Heat Flux in (An)Harmonic Networks **114**:515 (2004).
- Eckmann, J.-P., see Collet, P. **115**:217 (2004).
- Edwards, S. F.: New Kinds of Entropy **116**:29 (2004).
- Eizenberg, A., and Kifer, Y.: Large Deviations for Probabilistic Cellular Automata II **117**:845 (2004).
- Elgart, A., see Avron, J. E., *et al.* **116**:425 (2004).
- Emch, G. G.: Interactive Modelling **116**:17 (2004).
- Enaud, C., and Derrida, B.: Large Deviation Functional of the Weakly Asymmetric Exclusion Process **114**:537 (2004).
- Enaud, C., see Derrida, B., *et al.* **115**:365 (2004).
- Engel, A., Monasson, R., and Hartmann, A. K.: On Large Deviation Properties of Erdős–Rényi Random Graphs **117**:387 (2004).

- Erb, I., and Ay, N.: Multi-Information in the Thermodynamic Limit **115**:949 (2004).
- Erdős, L., and Solovej, J. P.: Magnetic Lieb–Thirring Inequalities with Optimal Dependence on the Field Strength **116**:475 (2004).
- Erdős, L., Salmhofer, M., and Yau, H.-T.: On the Quantum Boltzmann Equation **116**:367 (2004).
- Esposito, R., see Benedetto, D., *et al.* **116**:381 (2004).
- Evans, J. W., see Liu, D.-J., *et al.* **114**:101 (2004).
- Fannjiang, A. C.: Convergence of Passive Scalar Fields in Ornstein–Uhlenbeck Flows to Kraichnan’s Model **114**:115 (2004).
- Fayolle, G., and Furtlehner, C.: Dynamical Windings of Random Walks and Exclusion Models. Part I: Thermodynamic Limit in \mathbb{Z}^2 **114**:229 (2004).
- Feldman, M., and Ha, S.-Y.: Nonlinear Functionals of Multi-D Discrete Velocity Boltzmann Equations **114**:1015 (2004).
- Fellner, K., Poupaud, F., and Schmeiser, C.: Existence and Convergence to Equilibrium of a Kinetic Model for Cometary Flows **114**:1481 (2004).
- Fiala, J., and Kleban, P.: Thermodynamics of the Farey Fraction Spin Chain **116**:1471 (2004).
- Freericks, J. K., see Lemański, R., *et al.* **116**:699 (2004).
- Freidlin, M.: Some Remarks on the Smoluchowski–Kramers Approximation **117**:617 (2004).
- Friedli, S., and Pfister, C.-E.: Non-Analyticity and the van der Waals Limit **114**:665 (2004).
- Frisch, H. L., see Heinrichs, S., *et al.* **114**:1115 (2004).
- Fröhlich, J., Merkli, M., and Sigal, I. M.: Ionization of Atoms in a Thermal Field **116**:311 (2004).
- Furtlehner, C., see Fayolle, G. **114**:229 (2004).
- Gabrielli, D., see Bertini, L. *et al.* **116**:831 (2004).
- Galgani, L., see Carati, A., *et al.* **115**:1101 (2004).
- Galtbayar, A., Jensen, A., and Yajima, K.: Local Time-Decay of Solutions to Schrödinger Equations with Time-Periodic Potentials **116**:231 (2004).
- Gamba, I. M., see Bobylev, A. V., *et al.* **116**:1651 (2004).
- Gambassi, A., see Caracciolo, S., *et al.* **115**:281 (2004).
- Gaspard, P.: Time-Reversed Dynamical Entropy and Irreversibility in Markovian Random Processes **117**:599 (2004).
- Gawędzki, K., and Horvai, P.: Sticky Behavior of Fluid Particles in the Compressible Kraichnan Model **116**:1247 (2004).
- Gentile, G.: Pure Point Spectrum for Two-Level Systems in a Strong Quasi-Periodic Field **115**:1605 (2004).
- Gentz, B., see Berglund, N. **114**:1577 (2004).
- Gesztesy, F., and Simon, B.: Connectedness of the Isospectral Manifold for One-Dimensional Half-Line Schrödinger Operators **116**:361 (2004).
- Giacomin, G., see Bodineau, T. **117**:801 (2004).
- Giampaolo, S. M., see de Pasquale, F. **115**:125 (2004).
- Gobron, T., see De Masi, A. **115**:643 (2004).
- Goldstein, S., see Dürr, D., *et al.* **116**:959 (2004).
- Golse, F., see Bardos, C., *et al.* **115**:1037 (2004).
- Gonchar, V. Y., see Chechkin, A. V., *et al.* **115**:1505 (2004).
- Gottlieb, A. D., see Bardos, C., *et al.* **115**:1037 (2004).
- Graf, G. M., see Avron, J. E., *et al.* **116**:425 (2004).
- Graffi, S., and Lenci, M.: Localization in Infinite Billiards: A Comparison Between Quantum and Classical Ergodicity **116**:821 (2004).
- Graffi, S., see Contucci, P. **115**:581 (2004).
- Gray, L., see Levine, E., *et al.* **117**:819 (2004).

- Grill, K., and Tutschka, C.: One-Dimensional Falling Bodies **117**:1015 (2004).
- Groppi, M., and Polewczak, J.: On Two Kinetic Models for Chemical Reactions: Comparisons and Existence Results **117**:211 (2004).
- Gruber, C., Pache, S., and Lesne, A.: On the Second Law of Thermodynamics and the Piston Problem **117**:739 (2004).
- Gruzberg, I. A., and Kadanoff, L. P.: The Loewner Equation: Maps and Shapes **114**:1183 (2004).
- Guadagni, G., see Brydges, D. C., *et al.* **115**:415 (2004).
- Guan, X.-W., see Batchelor, M. T., *et al.* **116**:571 (2004).
- Gubinelli, M., see Caracciolo, S., *et al.* **115**:281 (2004).
- Guerra, F., and Toninelli, F. L.: The High Temperature Region of the Viana–Bray Diluted Spin Glass Model **115**:531 (2004).
- Guerra, F., see Castro, C. D., *et al.* **115**:3 (2004).
- Guttmann, A. J., see Richard, C. **115**:925 (2004).
- Ha, S.-Y., see Feldman, M. **114**:1015 (2004).
- Hagerty, P., see Bloch, A. M., *et al.* **115**:1073 (2004).
- Häggkvist, R., Rosengren, A., Andrén, D., Kundrotas, P., Lundow, P. H., and Markström, K.: A Monte Carlo Sampling Scheme for the Ising Model **114**:455 (2004).
- Hairer, M., and Pavliotis, G. A.: Periodic Homogenization for Hypocoelliptic Diffusions **117**:261 (2004).
- Hartmann, A. K., see Engel, A., *et al.* **117**:387 (2004).
- Hauer, C., Nagler, J., and Schuster, H. G.: Of Dogs and Fleas: The Dynamics of N Uncoupled Two-State Systems **116**:1453 (2004).
- Hauksson, B., and Yngvason, J.: Asymptotic Exactness of Magnetic Thomas–Fermi Theory at Nonzero Temperature **116**:523 (2004).
- Heilmann, O. J.: Exact Solution of 1D Asymmetric Exclusion Model with Variable Cluster Size **116**:855 (2004).
- Heinrichs, S., Dieterich, W., Maass, P., and Frisch, H. L.: Static and Time Dependent Density Functional Theory with Internal Degrees of Freedom: Merits and Limitations Demonstrated for the Potts Model **114**:1115 (2004).
- Henson, J., see Dowker, F. **115**:1327 (2004).
- Holcman, D., and Schuss, Z.: Escape Through a Small Opening: Receptor Trafficking in a Synaptic Membrane **117**:975 (2004).
- Homma, M., and Itoi, C.: Ferromagnetic Domain Wall and Spiral Ground States in One-Dimensional Deformed Flat-Band Hubbard Model **117**:477 (2004).
- Horvai, P., see Gawędzki, K. **116**:1247 (2004).
- Imamura, T., see Sasamoto, T. **115**:749 (2004).
- Isopi, M., see De Sanctis, L. **115**: 383 (2004).
- Itoi, C., see Homma, M. **117**:477 (2004).
- Jackson, R. K., and Weinstein, M. I.: Geometric Analysis of Bifurcation and Symmetry Breaking in a Gross–Pitaevskii Equation **116**:881 (2004).
- Jacobsen, J. L., see Chang, S.-C., *et al.* **114**:763 (2004).
- Jakšič, V., see Dereziński, J. **116**:411 (2004).
- Jancovici, B., and Šamaj, L.: Microscopic Calculation of the Dielectric Susceptibility Tensor for Coulomb Fluids II **114**:1211 (2004).
- Jancovici, B., and Téllez, G.: Charge Fluctuations for a Coulomb Fluid in a Disk on a Pseudosphere **116**:205 (2004).
- Járai, A. A., see van der Hofstad, R. **114**:625 (2004).
- Jensen, A., see Galtbayar, A., *et al.* **116**:231 (2004).

- Jin, B.-Q., and Korepin, V. E.: Quantum Spin Chain, Toeplitz Determinants and the Fisher–Hartwig Conjecture **116**:79 (2004).
- Jona-Lasinio, G., see Bertini, L. *et al.* **116**:831 (2004).
- Kadanoff, L. P., see Kager, W., *et al.* **115**:805 (2004).
- Kadanoff, L. P., see Berkenbusch, M. K., *et al.* **116**:1301 (2004).
- Kadanoff, L. P., see Gruzberg, I. A. **114**:1183 (2004).
- Kager, W., and Nienhuis, B.: A Guide to Stochastic Löwner Evolution and Its Applications **115**:1149 (2004).
- Kager, W., Nienhuis, B., and Kadanoff, L. P.: Exact Solutions for Loewner Evolutions **115**:805 (2004).
- Kalibaeva, G., see Ciccotti, G. **115**:701 (2004).
- Kalinay, P., see Šamaj, L., *et al.* **117**:159 (2004).
- Kennedy, T.: Conformal Invariance and Stochastic Loewner Evolution Predictions for the 2D Self-Avoiding Walk—Monte Carlo Tests **114**:51 (2004).
- Khokhlov, A., see Molchan, G. **114**:923 (2004).
- Kiessling, M. K.-H.: Electromagnetic Field Theory Without Divergence Problems 1. The Born Legacy **116**:1057 (2004).
- Kiessling, M. K.-H.: Electromagnetic Field Theory Without Divergence Problems 2. A Least Invasively Quantized Theory **116**:1123 (2004).
- Kifer, Y., see Eizenberg, A. **117**:845 (2004).
- Klafter, J., see Chechkin, A. V., *et al.* **115**:1505 (2004).
- Klauder, J. R.: Overcoming Nonrenormalizability. Part 2 **116**:1181 (2004).
- Kleban, P., see Fiala, J. **116**:1471 (2004).
- Knauf, A., see Bianchi, A., *et al.* **117**:831 (2004).
- Kolokoltsov, V. N.: Hydrodynamic Limit of Coagulation-Fragmentation Type Models of k -Nary Interacting Particles **115**:1621 (2004).
- Kolomeisky, E. B., see Straley, J. P., *et al.* **116**:1579 (2004).
- Komech, A. I., see Dudnikova, T. V., *et al.* **114**:1035 (2004).
- Komorowski, T., and Peszat, S.: Transport of a Passive Tracer by an Irregular Velocity Field **115**:1361 (2004).
- Korepin, V. E., see Jin, B.-Q. **116**:79 (2004).
- Kotecký, R., see Biskup, M., *et al.* **116**:97 (2004).
- Kotecký, R., see Biskup, M., *et al.* **116**:175 (2004).
- Krüger, T., see Blanchard, Ph., *et al.* **114**:1399 (2004).
- Krüger, T., see Cessac, B., *et al.* **115**:1283 (2004).
- Kuksin, S. B.: The Eulerian Limit for 2D Statistical Hydrodynamics **115**:469 (2004).
- Kundrotas, P., see Häggkvist, R., *et al.* **114**:455 (2004).
- Kunz, H., see Wu, F. Y. **116**:67 (2004).
- Kupferman, R.: Fractional Kinetics in Kac–Zwanzig Heat Bath Models **114**:291 (2004).
- Kurchan, J., see Tănase-Nicola, S. **116**:1201 (2004).
- Laanait, L., see Dobrovolny, C., *et al.* **114**:1269 (2004).
- Laanait, L., see Dobrovolny, C., *et al.* **116**:1405 (2004).
- Landim, C., Olla, S., and Varadhan, S. R. S.: On Viscosity and Fluctuation-Dissipation in Exclusion Processes **115**:323 (2004).
- Landim, C., see Bertini, L. *et al.* **116**:831 (2004).
- Laptev, A., see Balinsky, A., *et al.* **116**:507 (2004).
- Lebowitz, J. L.: A Laudatio for Elliott Lieb on His Receiving the Poincaré Medal at the International Congress on Mathematical Physics in Lisbon, July 30, 2003 **116**:9 (2004).
- Lebowitz, J. L.: Preface **115**:1 (2004).
- Lebowitz, J. L.: Preface **116**:1 (2004).

- Lebowitz, J. L.: Program of the 91st Statistical Mechanics Meeting, Rutgers University, May 16–18, 2004 **117**:775 (2004).
- Lebowitz, J. L., see Bonetto, F., *et al.* **116**:783 (2004).
- Lebowitz, J. L., see Costin, O., *et al.* **116**:283 (2004).
- Lebowitz, J. L., see Derrida, B., *et al.* **115**:365 (2004).
- Lee, J., and Wu, M.-Y.: Ergodicity for the Dissipative Boussinesq Equations with Random Forcing **117**:929 (2004).
- Lee, J., see Adachi, S., *et al.* **114**:261 (2004).
- Lefevere, R., and Schenkel, A.: Perturbative Analysis of Anharmonic Chains of Oscillators Out of Equilibrium **115**:1389 (2004).
- Lemański, R., Freericks, J. K., and Banach, G.: Charge Stripes Due to Electron Correlations in the Two-Dimensional Spinless Falicov–Kimball Model **116**:699 (2004).
- Lenci, M., see Graffi, S. **116**:821 (2004).
- Lesne, A., see Gruber, C., *et al.* **117**:739 (2004).
- Levine, E., Ziv, G., Gray, L., and Mukamel, D.: Phase Transitions in Traffic Models **117**:819 (2004).
- Li, X., and Bergman, D. J.: A Mixed-Transfer-Matrix Method for Simulating Normal Conductor/Perfect Insulator/Perfect Conductor Random Networks **117**:427 (2004).
- Lieb, E. H., and Seiringer, R.: Equivalent Forms of the Bessis–Moussa–Villani Conjecture **115**:185 (2004).
- Lindner, B.: Moments of the First Passage Time under External Driving **117**:703 (2004).
- Liu, D.-J., Pavlenko, N., and Evans, J. W.: Crossover Between Mean-Field and Ising Critical Behavior in a Lattice-Gas Reaction-Diffusion Model **114**:101 (2004).
- Lods, B., and Toscani, G.: The Dissipative Linear Boltzmann Equation for Hard Spheres **117**:635 (2004).
- Löwe, M., see Baake, M. **116**:1449 (2004).
- Lu, X.: On Isotropic Distributional Solutions to the Boltzmann Equation for Bose-Einstein Particles **116**:1597 (2004).
- Lübeck, S., and Willmann, R. D.: Universal Scaling Behavior of Directed Percolation Around the Upper Critical Dimension **115**:1231 (2004).
- Lukkarinen, J., see Bonetto, F., *et al.* **116**:783 (2004).
- Lundow, P. H., see Häggkvist, R., *et al.* **114**:455 (2004).
- Luo, S., and Zhang, Z.: An Informational Characterization of Schrödinger’s Uncertainty Relations **114**:1557 (2004).
- Lynden-Bell, D., and Lynden-Bell, R. M.: Relaxation to a Perpetually Pulsating Equilibrium **117**:199 (2004).
- Lynden-Bell, R. M., see Lynden-Bell, D. **117**:199 (2004).
- Maass, P., see Heinrichs, S., *et al.* **114**:1115 (2004).
- Maes, C., see Dinaburg, E., *et al.* **117**:179 (2004).
- Maianti, M., see Borgonovi, F., *et al.* **116**:1435 (2004).
- Mal'tsev, A. Y., and Novikov, S. P.: Dynamical Systems, Topology, and Conductivity in Normal Metals **115**:31 (2004).
- Manzo, F., Nardi, F. R., Olivieri, E., and Scoppola, E.: On the Essential Features of Metastability: Tunnelling Time and Critical Configurations **115**:591 (2004).
- Marinari, E., see Ciliberti, S. **115**:557 (2004).
- Markowich, P. A., see Carles, R., *et al.* **117**:343 (2004).
- Markström, K., see Häggkvist, R., *et al.* **114**:455 (2004).
- Martinelli, F., see Castro, C. D., *et al.* **115**:3 (2004).
- Maschke, K., see Reuse, F. A., *et al.* **114**:361 (2004).
- Masoudi, A. A., see Bahraminasab, A., *et al.* **116**:1521 (2004).

- Mastropietro, V., see Benfatto, G. **115**:143 (2004).
- Matheus, C., see Arbieto, A., *et al.* **117**:243 (2004).
- Mattis, D. C.: Design of a Nanomagnet **116**:773 (2004).
- Mausser, N. J., see Bardos, C., *et al.* **115**:1037 (2004).
- Mausser, N. J., see Dudnikova, T. V., *et al.* **114**:1035 (2004).
- Mazzucchi, S., see Albeverio, S. **115**:191 (2004).
- McCoy, B. M., see Clisby, N. **114**:1343 (2004).
- McCoy, B. M., see Clisby, N. **114**:1361 (2004).
- Merchán, L., and Téllez, G.: Confined Coulomb Systems with Adsorbing Boundaries: The Two-Dimensional Two-Component Plasma **114**:735 (2004).
- Merkli, M., see Fröhlich, J., *et al.* **116**:311 (2004).
- Merola, I., see Bovier, A., *et al.* **114**:1235 (2004).
- Mertens, S., see Bauke, H. **114**:1149 (2004).
- Metzler, R., see Chechkin, A. V., *et al.* **115**:1505 (2004).
- Meunier, J. L., see Cessac, B., *et al.* **115**:1283 (2004).
- Miękisz, J.: Stochastic Stability in Spatial Games **117**:99 (2004).
- Milne, S. C., see Straley, J. P., *et al.* **116**:1579 (2004).
- Miracle-Solé, S., see Coninck, J. D., *et al.* **114**:575 (2004).
- Mitter, P. K., see Brydges, D. C., *et al.* **115**:415 (2004).
- Moessner, R., Tchernyshyov, and Sondhi, S. L.: Planar Pyrochlore, Quantum Ice and Sliding Ice **116**:755 (2004).
- Molchan, G., and Khokhlov, A.: Small Values of the Maximum for the Integral of Fractional Brownian Motion **114**:923 (2004).
- Molchan, G.: On the Uniqueness of the Branching Parameter for a Random Cascade Measure **115**:855 (2004).
- Møller, J. S., see Bach, V. **116**:591 (2004).
- Moloney, N. R., see Pruessner, G. **115**:839 (2004).
- Monasson, R., see Engel, A., *et al.* **117**:387 (2004).
- Montanari, A., see Semerjian, G., *et al.* **115**:493 (2004).
- Monteil, T.: A Counter-Example to the Theorem of Hiemer and Snurnikov **114**:1619 (2004).
- Mukamel, D., see Levine, E., *et al.* **117**:819 (2004).
- Mukhamedov, F., and Rozikov, U.: On Gibbs Measures of Models with Competing Ternary and Binary Interactions and Corresponding von Neumann Algebras **114**:825 (2004).
- Muratov, C. B., and Vanden-Eijnden, E.: Breakup of Universality in the Generalized Spinodal Nucleation Theory **114**:605 (2004).
- Nachtergaele, B., Spitzer, W., and Starr, S.: Ferromagnetic Ordering of Energy Levels **116**:719 (2004).
- Nagle, J. F.: Regarding the Entropy of Distinguishable Particles **117**:1047 (2004).
- Nagler, J., see Hauert, C., *et al.* **116**:1453 (2004).
- Nahapetian, B. S., see Dachian, S. **117**:281 (2004).
- Najar, H.: Asymptotic Behavior of the Integrated Density of States of Acoustic Operators with Random Long Range Perturbations **115**:977 (2004).
- Nambu, Y.: Spontaneous Breaking of Lie and Current Algebras **115**:7 (2004).
- Nardi, F. R., see Manzo, F., *et al.* **115**:591 (2004).
- Narnhofer, H., and Thirring, W.: On the Relation Between Strong Subadditivity and Entanglement **116**:1189 (2004).
- Neishtadt, A. I., and Sinai, Y. G.: Adiabatic Piston as a Dynamical System **116**:815 (2004).
- Netočný, K., and Redig, F.: Large Deviations for Quantum Spin Systems **117**:521 (2004).
- Newman, C. M., see Camia, F. **116**:157 (2004).
- Newman, C. M., see Camia, F. **114**:1199 (2004).

- Nicewicz, M., see Berkenbusch, M. K., *et al.* **116**:1301 (2004).
- Nienhuis, B., see de Gier, J., *et al.* **114**:1 (2004).
- Nienhuis, B., see Kager, W., *et al.* **115**:805 (2004).
- Nienhuis, B., see Kager, W., *et al.* **115**:1149 (2004).
- Nieto, F., see Romá, F., *et al.* **114**:1325 (2004).
- Niu, X. D., Shu, C., Chew, Y. T., and Wang, T. G.: Investigation of Stability and Hydrodynamics of Different Lattice Boltzmann Models **117**:665 (2004).
- Nolan, J. P.: Book Review: Theory and Applications of Long-Range Dependence. Paul Doukhan, George Oppenheim, and Murad Taqqu, Birkhäuser Press, Boston, 2003 **114**:1625 (2004).
- Nouri, A., Omrane, A., and Vila, J. P.: Erratum on “Boundary Conditions for Scalar Conservation Laws, from a Kinetic Point of View” **115**:1755 (2004).
- Novikov, S. P., see Maltsev, A. Y. **115**:31 (2004).
- Nozières, P.: Can a Metal-Insulator Transition Induce s-Wave Superconductivity? **115**:19 (2004).
- Oelkers, N., see Batchelor, M. T., *et al.* **116**:571 (2004).
- Olivieri, E., see Bertini, L., *et al.* **115**:395 (2004).
- Olivieri, E., see Manzo, F., *et al.* **115**:591 (2004).
- Olla, S., see Landim, C., *et al.* **115**:323 (2004).
- Omrane, A., see Nouri, A., *et al.* **115**:1755 (2004).
- Onofrio, R., and Presilla, C.: Ultracold Atomic Fermi–Bose Mixtures in Bichromatic Optical Dipole Traps: A Novel Route to Study Fermion Superfluidity **115**:57 (2004).
- Oppenheim, I.: Book Review: Entropy. A. Greven, G. Keller, and G. Warnecke (eds.), Princeton University Press, Princeton, 2003 **115**:1767 (2004).
- Oppenheim, I.: Book Review: The Kinetic Theory of Gases: An Anthology of Classic Papers with Historical Commentary. S. G. Brush, World Scientific Publishing Co., River Edge, NJ, 2003 **117**:377 (2004).
- Oppenheim, I.: Book Review: Statistical Mechanics Made Simple. Daniel C. Mattis, World Scientific Publishing Co., Singapore, 2003 **114**:1179 (2004).
- Oppenheim, I.: Equilibrium and Non-equilibrium Statistical Thermodynamics, M. le Bellac, F. Mortessague and G. G. Batrouni **117**:1071 (2004).
- Orlandini, E., Stella, A. L., and Vanderzande, C.: Loose, Flat Knots in Collapsed Polymers **115**:681 (2004).
- Ortiz de Zárate, J. M., and Sengers, J. V.: On the Physical Origin of Long-Ranged Fluctuations in Fluids in Thermal Nonequilibrium States **115**:1341 (2004).
- Ostrovsky, D.: Limit Lognormal Multifractal as an Exponential Functional **116**:1491 (2004).
- Pache, S., see Gruber, C., *et al.* **117**:739 (2004).
- Pacifico, M. J., see Arbieto, A., *et al.* **117**:243 (2004).
- Panati, G., see Dell’Antonio, G. F. **116**:1161 (2004).
- Panferov, V. A., see Bobylev, A. V., *et al.* **116**:1651 (2004).
- Pavlenko, N., see Liu, D.-J., *et al.* **114**:101 (2004).
- Pavliotis, G. A., see Hairer, M. **117**:261 (2004).
- Pearce, P. A., see de Gier, J., *et al.* **114**:1 (2004).
- Pedersoli, E., see Borgonovi, F. *et al.* **116**:1435 (2004).
- Pelissetto, A., see Caracciolo, S., *et al.* **115**:281 (2004).
- Peper, F., see Adachi, S., *et al.* **114**:261 (2004).
- Peszat, S., see Komorowski, T. **115**:1361 (2004).
- Pfister, C.-E., see Friedli, S. **114**:665 (2004).
- Pirogov, S., see Dinaburg, E., *et al.* **117**:179 (2004).
- Podgornik, R.: Book Review: The Physics of Phase Transitions. P. Papon, J. Leblond and P. H. E., Meijer, Springer-Verlag, New York, 2002. **115**:1135 (2004).

- Podgornik, R.: Book Review: Polymer Physics. M. Rubinshtein and R. H. Colby, Oxford University Press, 2003 **115**:1757 (2004).
- Polewczak, J., see Groppi, M. **117**:211 (2004).
- Politi, A., see Cipriani, P., *et al.* **114**:205 (2004).
- Porrá, J. M.: Why Stock Markets Crash: Critical Events in Complex Financial Systems. By Didier Sornette **117**:773 (2004).
- Poupaud, F., see Fellner, K., *et al.* **114**:1481 (2004).
- Prähofer, M., and Spohn, H.: Exact Scaling Functions for One-Dimensional Stationary KPZ Growth **115**:255 (2004).
- Prato, G. D., and Debussche, A.: Absolute Continuity of the Invariant Measures for Some Stochastic PDEs **115**:451 (2004).
- Presilla, C., see Onofrio, R. **115**:57 (2004).
- Presutti, E., see Bovier, A., *et al.* **114**:1235 (2004).
- Procacci, A., and Scoppola, B.: Infinite Graphs with a Nontrivial Bond Percolation Threshold: Some Sufficient Conditions **115**:1113 (2004).
- Pruessner, G., and Moloney, N. R.: Winding Clusters in Percolation on the Torus and the Möbius Strip **115**:839 (2004).
- Pugh, C., Shub, M., and Wilkinson, A.: Partial Differentiability of Invariant Splittings **114**:891 (2004).
- Pulvirenti, A., and Toscani, G.: Asymptotic Properties of the Inelastic Kac Model **114**:1453 (2004).
- Pulvirenti, M., see Benedetto, D., *et al.* **116**:381 (2004).
- Raimondi, R., see Di Castro, C., *et al.* **115**:91 (2004).
- Rákos, A., and Schütz, G. M.: Exact Shock Measures and Steady-State Selection in a Driven Diffusive System with Two Conserved Densities **117**:55 (2004).
- Ramirez-Pastor, A. J., see Romá, F., *et al.* **114**:1325 (2004).
- Rauch, E. M., see de Aguiar, M. A. M., *et al.* **114**:1417 (2004).
- Redig, F., see Dinaburg, E., *et al.* **117**:179 (2004).
- Redig, F., see Netočný, K. **117**:521 (2004).
- Reich, H., and Schmidt, M.: Replica Density Functional Study of One-Dimensional Hard Core Fluids in Porous Media **116**:1683 (2004).
- Ren, H.-C.: The Virial Expansion of a Dilute Bose Gas in Two Dimensions **114**:481 (2004).
- Reuse, F. A., de Coulon, V., and Maschke, K.: Coherent and Dissipative Spin Dynamics in N -Electron Systems **114**:361 (2004).
- Reza Rahimi Tabar, M., see Bahraminasab, A., *et al.* **116**:1521 (2004).
- Richard, C., and Guttman, A. J.: Poland-Scheraga Models and the DNA Denaturation Transition **115**:925 (2004).
- Richards, D. St. P.: Total Positivity Properties of Generalized Hypergeometric Functions of Matrix Argument **116**:907 (2004).
- Rider, B.: Order Statistics and Ginibre's Ensembles **114**:1139 (2004).
- Rittenberg, V., see de Gier, J., *et al.* **114**:1 (2004).
- Rivoire, O.: Properties of Atypical Graphs from Negative Complexities **117**:453 (2004).
- Roche, P.-E., see Derrida, B., *et al.* **115**:717 (2004).
- Rojo, A. G., see Bloch, A. M., *et al.* **115**:1073 (2004).
- Romá, F., Nieto, F., Vogel, E. E., and Ramirez-Pastor, A. J.: Ground-State Entropy of $\pm J$ Ising Lattices by Monte Carlo Simulations **114**:1325 (2004).
- Romito, M.: Ergodicity of the Finite Dimensional Approximation of the 3D Navier-Stokes Equations Forced by a Degenerate Noise **114**:155 (2004).
- Rosengren, A., see Häggkvist, R., *et al.* **114**:455 (2004).
- Rozikov, U., see Mukhamedov, F. **114**:825 (2004).

- Rubi, J. M.: Book Review: Bose–Einstein Condensation. Lev Pitaevskii and Sandro Stringari, Oxford University Press, Oxford, 2003 **115**:1763 (2004).
- Ruiz, J., see Dobrovolny, C., *et al.* **114**:1269 (2004).
- Ruiz, J., see Dobrovolny, C., *et al.* **116**:1405 (2004).
- Ruiz, J., see Coninck, J. D., *et al.* **114**:575 (2004).
- Ruocco, G., see Zamponi, F., *et al.* **115**:1655 (2004).
- Ruskai, M. B., see Brummelhuis, R. **116**:547 (2004).
- Rybko, A., see Dinaburg, E., *et al.* **117**:179 (2004).
- Sachdev, S.: Quantum Impurity in a Magnetic Environment **115**:47 (2004).
- Sadun, L., see Avron, J. E., *et al.* **116**:425 (2004).
- Sakagawa, H.: Entropic Repulsion for Two Dimensional Multi-Layered Harmonic Crystals **114**:37 (2004).
- Sakai, A.: Mean-Field Behavior for the Survival Probability and the Percolation Point-to-Surface Connectivity **117**:111 (2004).
- Salas, J., see Chang, S.-C., *et al.* **114**:763 (2004).
- Salmhofer, M., see Erdős, L., *et al.* **116**:367 (2004).
- Sanctis, L. D.: Random Multi-Overlap Structures and Cavity Fields in Diluted Spin Glasses **117**:785 (2004).
- Santos, A., see Tij, M. **117**:901 (2004).
- Šamaj, L., Wagner, J., and Kalinay, P.: Translation Symmetry Breaking in the One-Component Plasma on the Cylinder **117**:159 (2004).
- Šamaj, L.: Is the Two-Dimensional One-Component Plasma Exactly Solvable? **117**:131 (2004).
- Šamaj, L., see Jancovici, B. **114**:1211 (2004).
- Sánchez, A., see Cuesta, J. A. **115**:869 (2004).
- Sánchez, Ó., and Soler, J.: Long-Time Dynamics of the Schrödinger–Poisson–Slater System **114**:179 (2004).
- Sasamoto, T., and Imamura, T.: Fluctuations of the One-Dimensional Polynuclear Growth Model in Half-Space **115**:749 (2004).
- Sbragaglia, M., see Benzi, R., *et al.* **114**:137 (2004).
- Schenkel, A., see Lefevere, R. **115**:1389 (2004).
- Schmeiser, C., see Fellner, K., *et al.* **114**:1481 (2004).
- Schmidt, M., see Reich, H. **116**:1683 (2004).
- Schuster, H. G., see Hauert, C., *et al.* **116**:1453 (2004).
- Schuss, Z., see Holcman, D. **117**:975 (2004).
- Schütz, G. M., see Rákos, A. **117**:55 (2004).
- Scoppola, B., see Procacci, A. **115**:1113 (2004).
- Scoppola, E., see Manzo, F., *et al.* **115**:591 (2004).
- Seiringer, R., see Lieb, E. H. **115**:185 (2004).
- Semerjian, G., Cugliandolo, L. F., and Montanari, A.: On the Stochastic Dynamics of Disordered Spin Models **115**:493 (2004).
- Sengers, J. V., see Ortiz de Zárate, J. M. **115**:1341 (2004).
- Shahbazi, F., see Bahraminasab, A., *et al.* **116**:1521 (2004).
- Shlesinger, M. F.: Book Review: Dynamics and Thermodynamics of Systems with Long-Range Interactions. T. Dauxois, S. Ruffo, E. Arimondo, and M. Wilkens (eds.). Springer-Verlag, Berlin, 2002 **115**:1765 (2004).
- Shlosman, S., and Zagrebnov, V.: Magnetostriction Transition **114**:563 (2004).
- Shrock, R., see Chang, S.-C., *et al.* **114**:763 (2004).
- Shu, C., see Niu, X. D., *et al.* **117**:665 (2004).
- Shub, M., see Pugh, C., *et al.* **114**:891 (2004).
- Sigal, I. M., see Fröhlich, J., *et al.* **116**:311 (2004).

- Simon, B., see Gesztesy, F. **116**:361 (2004).
- Sinai, Y. G., see Neishtadt, A. I. **116**:815 (2004).
- Sobolev, A. V., see Balinsky, A., *et al.* **116**:507 (2004).
- Soler, J., see Sánchez, Ó. **114**:179 (2004).
- Solovej, J. P., see Erdős, L., *et al.* **116**:475 (2004).
- Sondhi, S. L., see Moessner, R. *et al.* **116**:755 (2004).
- Sparber, C., see Carles, R., *et al.* **117**:343 (2004).
- Spitzer, W., see Nachtergaele, B., *et al.* **116**:719 (2004).
- Spohn, H., see Prähofer, M. **115**:255 (2004).
- Stapleton, M., Dingler, M., and Christensen, K.: Sensitivity to Initial Conditions in Self-Organized Critical Systems **117**:891 (2004).
- Starr, S., see Nachtergaele, B., *et al.* **116**:719 (2004).
- Stein, D. L.: Critical Behavior of the Kramers Escape Rate in Asymmetric Classical Field Theories **114**:1537 (2004).
- Stella, A. L., see Orlandini, E., *et al.* **115**:681 (2004).
- Stoop, N., see Stoop, R., *et al.* **114**:1127 (2004).
- Stoop, R., Stoop, N., and Bunimovich, L.: Complexity of Dynamics as Variability of Predictability **114**:1127 (2004).
- Straley, J. P., Kolomeisky, E. B., and Milne, S. C.: The Bose Molecule in One Dimension **116**:1579 (2004).
- Sütő, A.: Normal and Generalized Bose Condensation in Traps: One Dimensional Examples **117**:301 (2004).
- Swendsen, R. H.: Response to Nagle's Criticism of My Proposed Definition of the Entropy **117**:1063 (2004).
- Tănase-Nicola, S., and Kurchan, J.: Metastable States, Transitions, Basins and Borders at Finite Temperatures **116**:1201 (2004).
- Tabei, S. M. A., see Bahraminasab, A., *et al.* **116**:1521 (2004).
- Tanatarov, L. V., see Chechkin, A. V., *et al.* **115**:1505 (2004).
- Tanveer, S., see Crowdy, D. **114**:1501 (2004).
- Taqqu, M. S.: An Essay and Review of the Book: *Self Similar Processes*. Paul Embrechts and Makoto Maejima, Princeton University Press, 2003 **114**:1171 (2004).
- Tchernyshyov, O., see Moessner, R. *et al.* **116**:755 (2004).
- Téllez, G., see Jancovici, B. **116**:205 (2004).
- Téllez, G., see Merchán, L. **114**:735 (2004).
- Thirring, W., see Narnhofer, H. **116**:1189 (2004).
- Tian, G.-S.: Lieb's Spin-Reflection-Positivity Method and Its Applications to Strongly Correlated Electron Systems **116**:629 (2004).
- Tidiriri, M.: Hydrodynamic Limit of a B.G.K. Like Model on Domains with Boundaries and Analysis of Kinetic Boundary Conditions for Scalar Multidimensional Conservation Laws **115**:1715 (2004).
- Tij, M., and Santos, A.: Poiseuille Flow in a Heated Granular Gas **117**:901 (2004).
- Toninelli, C., and Biroli, G.: Dynamical Arrest, Tracer Diffusion and Kinetically Constrained Lattice Gases **117**:27 (2004).
- Toninelli, C., see Bertini, L., *et al.* **117**:549 (2004).
- Toninelli, F. L., see Guerra, F., *et al.* **115**:531 (2004).
- Toom, A.: Non-Ergodicity in a 1-D Particle Process with Variable Length **115**:895 (2004).
- Toral, R.: On the Nonextensivity of the Long Range X-Y Model **114**:1393 (2004).
- Toscani, G., see Pulvirenti, A. **114**:1453 (2004).
- Toscani, G., see Lods, B. **117**:635 (2004).
- Tremoulet, C., see Cancrini, N. **117**:1023 (2004).

- Troubetzkoy, S., see Bálint, P. **117**:681 (2004).
- Tutschka, C., see Grill, K. **117**:1015 (2004).
- Uchiyama, K.: Equilibrium Fluctuations for Zero-Range-Exclusion Processes **115**:1423 (2004).
- Ueltschi, D.: Segregation in the Asymmetric Hubbard Model **116**:681 (2004).
- van der Hofstad, R., and Járai, A. A.: The Incipient Infinite Cluster for High-Dimensional Unoriented Percolation **114**:625 (2004).
- van Kampen, N. G.: A New Approach to Noise in Quantum Mechanics **115**:1057 (2004).
- Vanden-Eijnden, E., see Muratov, C. B. **114**:605 (2004).
- Vanderzande, C., see Orlandini, E., *et al.* **115**:681 (2004).
- Varadhan, S. R. S., see Landim, C., *et al.* **115**:323 (2004).
- Venkataramani, S. C., see Berkenbusch, M. K., *et al.* **116**:1301 (2004).
- Vila, J. P., see Nouri, A., *et al.* **115**:1755 (2004).
- Vogel, E. E., see Romá, F., *et al.* **114**:1325 (2004).
- Wagner, J., see Choquard, P. **116**:843 (2004).
- Wagner, J., see Šamaj, L., *et al.* **117**:159 (2004).
- Wang, T. G., see Niu, X. D., *et al.* **117**:665 (2004).
- Watanabe, H.: Triviality of Hierarchical $O(N)$ Spin Model in Four Dimensions with Large N **115**:1669 (2004).
- Weinstein, M. I., see Bloch, A. M., *et al.* **115**:1073 (2004).
- Weinstein, M. I., see Jackson, R. K. **116**:881 (2004).
- West, B. J.: Book Review: Brownian Agents and Active Particles. F. Schweitzer, Springer, Berlin, 2003 **117**:381 (2004).
- Widom, H.: On Asymptotics for the Airy Process **115**:1129 (2004).
- Wilkinson, A., see Pugh, C., *et al.* **114**:891 (2004).
- Willmann, R. D., see Lübeck, S. **115**:1231 (2004).
- Woolf, T. B., see Zuckerman, D. M. **114**:1303 (2004).
- Wreszinski, W. F., and Bolina, O.: A Self-Averaging “Order Parameter” for the Sherrington-Kirkpatrick Spin Glass Model **116**:1389 (2004).
- Wu, F. Y., and Kunz, H.: The Odd Eight-Vertex Model **116**:67 (2004).
- Wu, M.-Y., see Lee, J. **117**:929 (2004).
- Wüthrich, M. V., see den Hollander, F. **114**:849 (2004).
- Yajima, K., see Galtbayar, A., *et al.* **116**:231 (2004).
- Yau, H.-T., see Erdős, L., *et al.* **116**:367 (2004).
- Ying, Z.-J., see Batchelor, M. T., *et al.* **116**:571 (2004).
- Yngvason, J.: Elliott Lieb and the Art of Mathematical Physics **116**:13 (2004).
- Yngvason, J., see Hauksson, B. **116**:523 (2004).
- Zabey, E., see Eckmann, J.-P. **114**:515 (2004).
- Zagrebnov, V. A., see Briet, P., *et al.* **116**:1545 (2004).
- Zagrebnov, V., see Shlosman, S. **114**:563 (2004).
- Zahradnik, M., see Bovier, A., *et al.* **114**:1235 (2004).
- Zamponi, F., Ruocco, G., and Angelani, L.: Fluctuations of Entropy Production in the Isokinetic Ensemble **115**:1655 (2004).
- Zanghi, N., see Dürr, D., *et al.* **116**:959 (2004).
- Zhang, Z., see Luo, S. **114**:1557 (2004).
- Ziv, G., see Levine, E., *et al.* **117**:819 (2004).
- Zucca, F., see Bertacchi, D. **114**:947 (2004).
- Zuckerman, D. M., and Woolf, T. B.: Systematic Finite-Sampling Inaccuracy in Free Energy Differences and Other Nonlinear Quantities **114**:1303 (2004).