

Cumulative Author Index

All authors of papers published in this volume are listed alphabetically. Full titles are included in each first author's entry. For Rapid Communications an R precedes the page number. The letters (C) and (BR) following the page number indicate that a paper is a Comment or a Brief Report, respectively. References with (E) are to Errata.

- Aarão Reis, F. D. A. and D. F. Franceschini — Statistical models for carbon-nitrogen film growth. E **61**, 3417
- Abe, K. — (see Dmitriev, S. V.) E **61**, 5880
- Abe, Koji — (see Inomoto, Osamu) E **61**, 5326
- Abe, Yasuhisa, David Boilley, Bertrand G. Giraud, and Takahiro Wada — Diffusion over a saddle with a Langevin equation. E **61**, 1125
- Abernathy, Douglas L. — (see Riese, Dirk O.) E **61**, 1676
- Acedo, L. — (see Yuste, S. B.) E **61**, 2340
- Acharyya, Muktiash, Abhik Basu, Rahul Pandit, and Sriram Ramaswamy — Inequivalence of dynamical ensembles in a generalized driven diffusive lattice gas. E **61**, 1139
- Ackemann, T. — (see Logvin, Yu. A.) E **61**, 4622(BR)
- Ackland, G. J. — (see Bruce, A. D.) E **61**, 906
- Adams, David H. — (see Sen, Samik) E **61**, 3174
- Adhikari, Sadhan K. — (see Stošić, Borko D.) E **61**, 6111
- Agam, Oded — Diagrammatic approach for open chaotic systems. E **61**, 1285
- Agu, Masahiro and Jingbo Li — Orthogonality relation for a three-dimensional scattering electromagnetic field in a dispersive medium. E **61**, 7134
- Ahlers, Volker — (see Zillmer, Rüdiger) E **61**, 332
- Ahuja, Rajeev — (see Gutiérrez, Gonzalo) E **61**, 2723
- Ainsaar, Ain — (see Mankin, Romi) E **61**, 6359
- Ajaev, V. S. and S. H. Davis — Three-dimensional effects in directional solidification in Hele-Shaw cells: Nonlinear evolution and pattern selection. E **61**, 1275
- Ajdari, Armand — Pumping liquids using asymmetric electrode arrays. E **61**, R45
- Akamatsu, Silvére and Gabriel Faivre — Traveling waves, two-phase fingers, and eutectic colonies in thin-sample directional solidification of a ternary eutectic alloy. E **61**, 3757
- Aker, Eyvind, Knut Jørgen Måløy, and Alex Hansen — Dynamics of stable viscous displacement in porous media. E **61**, 2936
- Akhmediev, Nail N. — (see Besley, James A.) E **61**, 7121
- (see Sukhorukov, Andrey A.) E **61**, 5893
- Aközbek, N., C. M. Bowden, A. Talebpour, and S. L. Chin — Femtosecond pulse propagation in air: Variational analysis. E **61**, 4540
- Ala-Nissila, T. — (see Asikainen, J.) E **61**, 5002
- Alava, M. J. — (see Åström, J. A.) E **61**, 5550
- Alava, Mikko J. — (see Seppälä, Eira T.) E **61**, 6312
- Aldana, M., H. Larralde, and G. Martínez-Mekler — Statistical characterization of random electrostatic potentials. E **61**, 6136
- Aldao, C. M. — (see Mazzitello, K.) E **61**, 2954
- Alexander, Tristram J., Yuri S. Kivshar, Alexander V. Buryak, and Rowland A. Sammut — Optical vortex solitons in parametric wave mixing. E **61**, 2042
- Al-Falou, A. A., R. C. Ball, and H. Larralde — Dynamical weight functions for a planar crack. E **61**, 298
- Alfano, R. R. — (see Cai, W.) E **61**, 3871
- Allen, Michael P. — (see Andrienko, Denis) E **61**, 504
- Allender, D. W. — (see Jacobs, A. E.) E **61**, 2753
- Almaas, E. — (see Kulkarni, R. V.) E **61**, 4268
- Alonso, D. — (see Sokolov, V. V.) E **61**, 5057
- AlSunaidi, A., M. Lach-hab, Estela Blaisten-Barojas, and Agustín E. González — Colloidal aggregation with mobile impurities. E **61**, 6781
- , M. Lach-hab, Agustín E. González, and Estela Blaisten-Barojas — Cluster-cluster aggregation in binary mixtures. E **61**, 550
- Alvarez, I. — (see Basurto, E.) E **61**, 3053
- Amararene, A., M. Gindre, J.-Y. Le Huérou, W. Urbach, D. Valdez, and M. Waks — Adiabatic compressibility of AOT [sodium bis(2-ethylhexyl)sulfosuccinate] reverse micelles: Analysis of a simple model based on micellar size and volumetric measurements. E **61**, 682
- Amemiya, Takashi — (see Inomoto, Osamu) E **61**, 5326
- Amiranoff, F., S. D. Baton, S. Hüller, V. Malka, A. Modena, Ph. Mounaix, N. Renard-Le Galloudec, C. Rousseaux, and M. Salvati — Experimental evidence of the effect of heat flux on Thomson scattering off ion acoustic waves. E **61**, 1949
- Ammelt, E. — (see Strümpel, C.) E **61**, 4899
- Amokrane, S. — (see Clément-Cottuz, J.) E **61**, 1692
- Amos, R. M., J. G. Rarity, P. R. Tapster, T. J. Shepherd, and S. C. Kitson — Fabrication of large-area face-centered-cubic hard-sphere colloidal crystals by shear alignment. E **61**, 2929
- Amritkar, R. E. — (see Maybhathe, Anil) E **61**, 6461
- Anakkar, A. — (see Ismaili, M.) E **61**, 519
- Ananthakrishna, G. — (see Rajesh, S.) E **61**, 3664
- Andelman, David — (see Diamant, Haim) E **61**, 6740
- (see Tsori, Yoav) E **61**, 2848
- Anderson, J. E., P. Watson, T. Ernst, and P. J. Bos — Computer simulation evidence of the transient planar state during the homeotropic to focal conic transition in cholesteric liquid crystals. E **61**, 3951
- Anderson, Robert A. — (see Martin, James E.) E **61**, 2818
- Andrade, José S., Jr. — (see Makse, Hernán A.) E **61**, 583
- Andrade, R. F. S. — Detailed characterization of log-periodic oscillations for an aperiodic Ising model. E **61**, 7196(BR)
- Andrade, Victor, Ruslan L. Davidchack, and Ying-Cheng Lai — Noise scaling of phase synchronization of chaos. E **61**, 3230(BR)
- Andreev, N. E. — (see Fraenkel, M.) E **61**, 1899
- Andrienko, Denis and Michael P. Allen — Molecular simulation and theory of a liquid crystalline disclination core. E **61**, 504
- Anestiev, L. and L. Froyen — Processes of microstructure coarsening at liquid phase sintering. E **61**, 6721
- Angelani, L., G. Parisi, G. Ruocco, and G. Viliani — Potential energy landscape and long-time dynamics in a simple model glass. E **61**, 1681
- Anishchenko, Vadim S. — (see Pavlov, Alexey N.) E **61**, 5033
- Ankerhold, Joachim and Hermann Grabert — Semiclassical time evolution of the density matrix and tunneling. E **61**, 3450
- Annunziato, Mario, Paolo Grigolini, and Juri Riccardi — Fluctuation-dissipation process without a time scale. E **61**, 4801
- Antillón, A. — (see Jiang, Y.) E **61**, 4614(BR)
- Antonov, N. V., A. Lanotte, and A. Mazzino — Persistence of small-scale anisotropies and anomalous scaling in a model of magnetohydrodynamics turbulence. E **61**, 6586
- Antonsen, Thomas M., Jr. — (see Hendrey, Matthew) E **61**, 4943

- Apfel, Robert E.** — (see Ketterling, Jeffrey A.) E **61**, 3832
- Appert, C.** — Large deviation function for the Eden model and universality within the one-dimensional Kardar-Parisi-Zhang class. E **61**, 2092(BR)
- Arad, Itai, Luca Biferale, and Itamar Procaccia** — Nonperturbative spectrum of anomalous scaling exponents in the anisotropic sectors of passively advected magnetic fields. E **61**, 2654
- Aranson, I. S.** — (see Blair, D.) E **61**, 5600
- Arecchi, F. T.** — (see Bragard, J.) E **61**, R6045
- Arena, P., L. Fortuna, and D. Porto** — Chaotic behavior in noninteger-order cellular neural networks. E **61**, 776
- Arenas, A., A. Díaz-Guilera, C. J. Pérez, and F. Vega-Redondo** — Self-organized evolution in a socioeconomic environment. E **61**, 3466
- Argolo, C., A. Mariz, M. Lyra, and S. Miyazima** — Damage-spreading dynamic scaling for the Ising model on the Sierpinski gasket fractal. E **61**, 1227
- Argoul, Françoise** — (see Léger, Christophe) E **61**, 5452
- Arimitsu, N.** — (see Arimitsu, T.) E **61**, 3237(BR)
- Arimitsu, T. and N. Arimitsu** — Analysis of fully developed turbulence in terms of Tsallis statistics. E **61**, 3237(BR)
- Armour, J. A.** — (see Kember, G. C.) E **61**, 1816
- Arnhold, J.** — (see Quiroga, R. Quian) E **61**, 5142
- Arnold, Peter** — Langevin equations with multiplicative noise: Resolution of time discretization ambiguities for equilibrium systems. E **61**, 6091
- Symmetric path integrals for stochastic equations with multiplicative noise. E **61**, 6099
- Arrayás, M., R. Mannella, P. V. E. McClintock, A. J. McKane, and N. D. Stein** — Ratchet driven by quasimonochromatic noise. E **61**, 139
- Arrowsmith, D. K.** — (see Carretero-González, R.) E **61**, 1329
- (see Place, C. M.) E **61**, 1357
- (see Place, C. M.) E **61**, 1369
- Ashrafi, Nariman and Roger E. Khayat** — Shear-thinning-induced chaos in Taylor-Couette flow. E **61**, 1455
- Asikainen, J. and T. Ala-Nissila** — Percolation and spatial correlations in a two-dimensional continuum deposition model. E **61**, 5002
- Askar, Attila** — (see Hu, Xu-Guang) E **61**, 5967
- Aspelmeier, Timo** — (see Triampo, Wannapong) E **61**, 2386
- Assaraf, Roland, Michel Caffarel, and Anatole Khelif** — Diffusion Monte Carlo methods with a fixed number of walkers. E **61**, 4566
- Astakhov, V. V.** — (see Vadivasova, T. E.) E **61**, 4618(BR)
- Astratov, V. N.** — (see Vlasov, Yu. A.) E **61**, 5784
- Åström, J. A., J. P. Mäkinen, M. J. Alava, and J. Timonen** — Elasticity of Poissonian fiber networks. E **61**, 5550
- Astrov, Yu. A.** — (see Strümpel, C.) E **61**, 4899
- Astumian, R. Dean** — (see Bier, Martin) E **61**, 7184(BR)
- Aswal, V. K. and P. S. Goyal** — Counterions in the growth of ionic micelles in aqueous electrolyte solutions: A small-angle neutron scattering study. E **61**, 2947
- Atkinson, J. D.** — (see Jabbarzadeh, A.) E **61**, 690
- Aubry, Serge** — (see Johansson, Magnus) E **61**, 5864
- Auby, Nicole** — (see Lehner, Thierry) E **61**, 1996
- Augsdörfer, Ursula H., Allan K. Evans, and David P. Oxley** — Thermal noise and the stability of single sonoluminescing bubbles. E **61**, 5278
- Auguste, T.** — (see Hulin, S.) E **61**, 5693
- Auradou, Harold** — (see Schmittbuhl, Jean) E **61**, 3985
- Ausloos, M.** — (see Salmon, E.) E **61**, 7259(E)
- Bachelier, A.** — (see Busquet, M.) E **61**, 801
- Badiali, J. P.** — (see Stafiej, J.) E **61**, 3877
- Bækgaard Lauritsen, Kent** — (see Howard, Martin) E **61**, 167
- Baesso, M. L.** — (see Pereira, J. R. D.) E **61**, 5410
- Bag, Bidhan Chandra and Deb Shankar Ray** — Quantum noise-induced chaotic oscillations. E **61**, 3223(BR)
- Bagchi, Biman** — (see Bhattacharyya, Sarika) E **61**, 3850
- Bagnier, Stéphane, Pierre Dallot, and Gilles Zérah** — Multiscale recursion in dense hydrogen plasmas. E **61**, 6999
- Bahiana, M.** — (see Martins, S.) E **61**, 4118
- Baiko, D. A., D. G. Yakovlev, H. E. De Witt, and W. L. Slattery** — Coulomb crystals in the harmonic lattice approximation. E **61**, 1912
- Balakrishnan, J.** — Spatial curvature effects on molecular transport by diffusion. E **61**, 4648(BR)
- Balakrishnan, Radha and Mitaxi Mehta** — Field-induced transitions and spatial chaos in the classical XY spin chain. E **61**, 1312
- Balakrishnan, V., G. Nicolis, and C. Nicolis** — Recurrence time statistics in deterministic and stochastic dynamical systems in continuous time: A comparison. E **61**, 2490
- Balanov, A. G.** — (see Vadivasova, T. E.) E **61**, 4618(BR)
- Balescu, R.** — (see Vlad, M.) E **61**, 3023
- Ball, G., K. Vant, and N. Christensen** — Numerical investigation of the effects of classical phase space structure on a quantum system with decoherence. E **61**, 1299
- (see Vant, K.) E **61**, 5994(BR)
- Ball, R. C.** — (see Al-Falou, A. A.) E **61**, 298
- Balonishnikov, A. M.** — Extended local balance model of turbulence and Couette-Taylor flow. E **61**, 1390
- Banachowicz, E.** — (see Patkowski, A.) E **61**, 6909
- Banerjee, S. and M. Widom** — Ferromagnetic liquid thin films under applied field. E **61**, 4171
- Bang, Ole** — (see Królikowski, Wiesław) E **61**, 3122
- Banna, S., L. Schächter, J. A. Nation, and P. Wang** — Coupling of symmetric and asymmetric modes in a high-power, high-efficiency traveling-wave amplifier. E **61**, 4445
- Banpurkar, A. G., A. V. Limaye, and S. B. Ogale** — Occurrence of coexisting dendrite morphologies: Immiscible fluid displacement in an anisotropic radial Hele-Shaw cell under a high flow rate regime. E **61**, 5507
- Baptista, Murilo S., Epaminondas Rosa, Jr., and Celso Grebogi** — Communication through chaotic modeling of languages. E **61**, 3590
- Barabási, A. L.** — (see Néda, Z.) E **61**, 6987
- Baranyai, András** — Numerical temperature measurement in far from equilibrium model systems. E **61**, R3306
- Barbay, Sylvain, Giovanni Giacomelli, and Francesco Marin** — Stochastic resonance in vertical cavity surface emitting lasers. E **61**, 157
- Barbero, G. and L. R. Evangelista** — Concentration dependence of the scalar order parameter in liquid-crystalline systems with variable molecular shape. E **61**, 2749
- and V. Popa-Nita — Model for the planar-homeotropic anchoring transition induced by *trans-cis* isomerization. E **61**, 6696
- Barkai, E., V. Fleurov, and J. Klafter** — One-dimensional stochastic Lévy-Lorentz gov. E **61**, 1164
- , R. Metzler, and J. Klafter — From continuous time random walks to the fractional Fokker-Planck equation. E **61**, 132
- Barker, G. C. and Anita Mehta** — Avalanches at rough surfaces. E **61**, 6765
- Barkley, Dwight, Laurette S. Tuckerman, and Martin Golubitsky** — Bifurcation theory for three-dimensional flow in the wake of a circular cylinder. E **61**, 5247
- Barma, Mustansir** — (see Lahiri, Rangan) E **61**, 1648
- (see Majumdar, Satya N.) E **61**, 6337
- Barra, F., P. Gaspard, and S. Rica** — Nonlinear Schrödinger flow in a periodic potential. E **61**, 5852
- Barral P., J., A. Hasmy, J. Jiménez, and A. Marciano** — Nonlinear modeling technique for the analysis of DNA chains. E **61**, 1812
- Barrat, Jean-Louis** — (see Berthier, Ludovic) E **61**, 5464
- Barroso, M. A.** — (see Ferreira, A. L.) E **61**, 1195
- Bar-Shalom, A.** — (see Busquet, M.) E **61**, 801
- Barth, M.** — (see Hlushchuk, Y.) E **61**, 366
- Barthélémy, M., S. V. Buldyrev, S. Havlin, and H. E. Stanley** — Multifractal properties of the random resistor network. E **61**, R3283
- Barthélémy, Marc** — (see Pellegrini, Yves-Patrick) E **61**, 3547
- Baryshev, A. V.** — (see Vlasov, Yu. A.) E **61**, 5784

- Basile, Anthony G. and Randall S. Dumont** — Coefficient of restitution for one-dimensional harmonic solids. E **61**, 2015
- Basu, Abhik** — Decaying magnetohydrodynamics: Effects of initial conditions. E **61**, 1407
- (see Acharyya, Muktish) E **61**, 1139
- (see Chattopadhyay, Amit Kr.) E **61**, 2086(BR)
- Basurto, E., J. de Urquijo, I. Alvarez, and C. Cisneros** — Mobility of He^+ , Ne^+ , Ar^+ , N_2^+ , O_2^+ , and CO_2^+ in their parent gas. E **61**, 3053
- Batani, D., J. R. Davies, A. Bernardinello, F. Pisani, M. Koenig, T. A. Hall, S. Ellwi, P. Norreys, S. Rose, A. Djaoui, and D. Neely** — Explanations for the observed increase in fast electron penetration in laser shock compressed materials. E **61**, 5725
- Batcho, P. F.** — Computational method for general multicenter electronic structure calculations. E **61**, 7169
- Bates, Martin A. and Daan Frenkel** — Influence of vacancies on the melting transition of hard disks in two dimensions. E **61**, 5223
- Batista, Antônio M., Ricardo L. Viana, and Sérgio R. Lopes** — Multiple short-term memories in coupled weakly nonlinear map lattices. E **61**, 5990(BR)
- Baton, S. D.** — (see Amiranoff, F.) E **61**, 1949
- Battogtokh, Dorjsuren and Yoshiaki Kuramoto** — Turbulence of nonlocally coupled oscillators in the Benjamin-Feir stable regime. E **61**, 3227(BR)
- Bauch, Sz.** — (see Hlushchuk, Y.) E **61**, 366
- Bauche-Arnoult, C.** — (see Busquet, M.) E **61**, 801
- Bauer, C., R. Böhmer, S. Moreno-Flores, R. Richert, H. Sillescu, and D. Neher** — Capacitive scanning dilatometry and frequency-dependent thermal expansion of polymer films. E **61**, 1755
- and S. Dietrich — Phase diagram for morphological transitions of wetting films on chemically structured substrates. E **61**, 1664
- Baus, Marc** — (see Xu, Hong) E **61**, 3249(BR)
- Bec, J. and U. Frisch** — Probability distribution functions of derivatives and increments for decaying Burgers turbulence. E **61**, 1395
- Beckermann, C.** — (see Tong, X.) E **61**, R49
- Beckwitt, Kale** — (see Liu, Xiang) E **61**, R4722
- Bée, M.** — (see González, M. A.) E **61**, 3884
- Beg, F. N.** — (see Chittenden, J. P.) E **61**, 4370
- Behrisch, Almuth** — (see Bruinsma, Robijn) E **61**, 4253
- Beiersdorfer, P.** — (see Radtke, R.) E **61**, 1966
- Bekker, Alexander** — (see Fischer, Baruch) E **61**, R4694
- Bell, A. R.** — (see Chittenden, J. P.) E **61**, 4370
- Belloni, Tomaso** — (see Timmer, Jens) E **61**, 1342
- Belonoshko, A. B.** — (see Gutiérrez, Gonzalo) E **61**, 2723
- Bénichou, O., M. Moreau, and G. Oshanin** — Kinetics of stochastically gated diffusion-limited reactions and geometry of random walk trajectories. E **61**, 3388
- Benkadda, S.** — (see Beyer, P.) E **61**, 813
- Ben-Naim, E. and P. L. Krapivsky** — Multiscaling in inelastic collisions. E **61**, R5
- (see Krapivsky, P. L.) E **61**, R993
- Benner, Hartmut** — (see Just, Wolfram) E **61**, 5045
- Bento, A. C.** — (see Pereira, J. R. D.) E **61**, 5410
- Berenfeld, Omer** — (see Wellner, Marcel) E **61**, 1845
- Berezhkovskii, A. M.** — (see Makhnovskii, Yu. A.) E **61**, 6302
- Bereznoi, S. V.** — (see Kaganovich, I.) E **61**, 1875
- Berg, J.** — Statistical mechanics of random two-player games. E **61**, 2327
- Berg, M. A.** — (see Wuttke, J.) E **61**, 2730
- Berg, Peter, Anthony Mason, and Andrew Woods** — Continuum approach to car-following models. E **61**, 1056
- Bergman, J.** — (see Carozzi, T.) E **61**, 2024
- Berkolaiko, G.** — (see Ordemann, A.) E **61**, R1005
- Bermejo, F. J.** — (see González, M. A.) E **61**, 3884
- Bernaola-Galván, P.** — (see Carpena, P.) E **61**, 2281
- Bernardinello, A.** — (see Batani, D.) E **61**, 5725
- Bernaschi, M., S. Succi, and F. Castiglione** — Large-scale cellular automata simulations of the immune system response. E **61**, 1851
- Berthier, Ludovic, Jean-Louis Barrat, and Jorge Kurchan** — A two-time-scale, two-temperature scenario for nonlinear rheology. E **61**, 5464
- Besley, James A., Peter D. Miller, and Nail N. Akhmediev** — Soliton interactions in perturbed nonlinear Schrödinger equations. E **61**, 7121
- Beyer, P., S. Benkadda, and X. Garbet** — Proper orthogonal decomposition and Galerkin projection for a three-dimensional plasma dynamical system. E **61**, 813
- Bhattacharjee, J. K.** — (see Das, Kausik S.) E **61**, 5191
- Bhattacharjee, Jayanta K.** — (see Chattopadhyay, Amit Kr.) E **61**, 2086(BR)
- Bhattacharyya, Sarika and Biman Bagchi** — Power law mass dependence of diffusion: A mode coupling theory analysis. E **61**, 3850
- Biedermann, C.** — (see Radtke, R.) E **61**, 1966
- Bier, Martin, Marcin Kostur, Imre Derényi, and R. Dean Astumian** — Nonlinearly coupled flows. E **61**, 7184(BR)
- Biferale, Luca** — (see Arad, Itai) E **61**, 2654
- Billard, D. B.** — (see Swanson, N. L.) E **61**, 4518
- Binder, K.** — (see Sengupta, Surajit) E **61**, 1072
- (see Sengupta, Surajit) E **61**, 6294
- Binder, P.-M.** — Complexity and Fisher information. E **61**, R3303
- and Milena C. Cuéllar — Chaos and experimental resolution. E **61**, 3685
- Bishop, A. R.** — (see Kevrekidis, P. G.) E **61**, 2006
- (see Kevrekidis, P. G.) E **61**, 4652(BR)
- (see Mitkov, Igor) E **61**, 1106
- Biswas, Debabrata** — Semiclassical inequivalence of polygonalized billiards. E **61**, 5073
- Closed almost-periodic orbits in semiclassical quantization of generic polygons. E **61**, 5129
- Blair, D., I. S. Aranson, G. W. Crabtree, V. Vinokur, L. S. Tsimring, and C. Josserand** — Patterns in thin vibrated granular layers: Interfaces, hexagons, and superoscillons. E **61**, 5600
- Blaisten-Barojas, Estela** — (see AlSunaidi, A.) E **61**, 550
- (see AlSunaidi, A.) E **61**, 6781
- Bland, S. N.** — (see Chittenden, J. P.) E **61**, 4370
- Bledowski, Aleksander** — (see Królikowski, Wiesław) E **61**, 2010
- Blin, R.** — (see Škarabot, M.) E **61**, 3961
- Bloor, Malcolm I. G. and Michael J. Wilson** — Method for efficient shape parametrization of fluid membranes and vesicles. E **61**, 4218
- Blossey, R.** — (see Dobbs, H. T.) E **61**, R6049
- Blümel, R.** — (see Hlushchuk, Y.) E **61**, 366
- Blumen, A.** — (see Sokolov, I. M.) E **61**, 2717
- Blumen, Alexander** — (see Handge, Ulrich A.) E **61**, 3216(BR)
- Bobylev, A. V. and K. Nanbu** — Theory of collision algorithms for gases and plasmas based on the Boltzmann equation and the Landau-Fokker-Planck equation. E **61**, 4576
- Boccaletti, S., D. L. Valladares, J. Kurths, D. Maza, and H. Mancini** — Synchronization of chaotic structurally nonequivalent systems. E **61**, 3712
- (see Bragard, J.) E **61**, R6045
- Bock, R.** — (see Tahir, N. A.) E **61**, 1975
- Boffetta, G., A. Celani, and R. Prandi** — Large scale instabilities in two-dimensional magnetohydrodynamics. E **61**, 4329
- , A. Celani, and D. Roagna — Energy dissipation statistics in a shell model of turbulence. E **61**, 3234(BR)
- , A. Celani, and M. Vergassola — Inverse energy cascade in two-dimensional turbulence: Deviations from Gaussian behavior. E **61**, R29
- Bogomolny, E., N. Pavloff, and C. Schmit** — Diffractive corrections in the trace formula for polygonal billiards. E **61**, 3689
- Bogoyavlenskiy, Vladislav A. and Natasha A. Chernova** — Diffusion-limited aggregation: A relationship between surface thermodynamics and crystal morphology. E **61**, 1629
- and Natasha A. Chernova — Diffusion-limited aggregation: A revised mean-field approach. E **61**, 5422
- Boguñá, Marián, Josep M. Porrà, and Jaume Masoliver** — Continued fraction solution for the radiative transfer equation in three dimensions. E **61**, 6248

- Böhmer, R.** — (see Bauer, C.) E **61**, 1755
- Bohr, Henrik and Jakob Bohr** — Microwave-enhanced folding and denaturation of globular proteins. E **61**, 4310
- Bohr, Jakob** — (see Bohr, Henrik) E **61**, 4310
- Boilley, David** — (see Abe, Yasuhisa) E **61**, 1125
- Bojan, M. J.** — (see Curtarolo, S.) E **61**, 1670
- Bollé, D. and T. Verbeiren** — Correlated patterns in nonmonotonic graded-response perceptrons. E **61**, 6027(BR)
- Boltt, Erik M.** — (see Davidchack, Ruslan L.) E **61**, 1353
- Bonilla, L. L.** — (see Carpio, A.) E **61**, 4866
- Bonnet, L.** — (see Hulin, S.) E **61**, 5693
- Bonnier, B.** — Static $A+B \rightarrow 0$ annihilation process in arbitrary dimension. E **61**, 1270
- Boogaarts, M. G. H.** — (see van der Heijden, H. W. P.) E **61**, 4402
- Borisevich, A. Yu.** — (see Kalinin, S. V.) E **61**, 1189
- Borštnik, A., H. Stark, and S. Žumer** — Temperature-induced flocculation of colloidal particles immersed into the isotropic phase of a nematic liquid crystal. E **61**, 2831
- Borzdov, G. N.** — Plane-wave superpositions defined by orthonormal scalar functions on two- and three-dimensional manifolds. E **61**, 4462
- Bos, P. J.** — (see Anderson, J. E.) E **61**, 3951
- Bose, Sumit** — (see Meixner, Matthias) E **61**, 1382
- Bösecke, P.** — (see Patkowski, A.) E **61**, 6909
- Both, Joseph A.** — (see Kurtze, Douglas A.) E **61**, 6750
- Bowden, C. M.** — (see Aközbek, N.) E **61**, 4540
- Boyer, Denis and Fernando Lund** — Ultrasound scattering and the study of vortex correlations in disordered flows. E **61**, 1491
- Bragard, J., P. L. Ramazza, F. T. Arecchi, S. Boccaletti, and L. Kramer** — Domain segregation in a two-dimensional system in the presence of drift. E **61**, R6045
- Brandenburg, Axel** — (see Miesch, Mark S.) E **61**, 457
- Braňka, A. C.** — Nosé-Hoover chain method for nonequilibrium molecular dynamics simulation. E **61**, 4769
- Brankov, Jordan, Nina Pesheva, and Nikola Valkov** — Exact results for a fully asymmetric exclusion process with sequential dynamics and open boundaries. E **61**, 2300
- Bratos, S., G. M. Gale, G. Gallot, F. Hache, N. Lascoux, and J.-Cl. Leicknam** — Motion of hydrogen bonds in diluted HDO/D₂O solutions: Direct probing with 150 fs resolution. E **61**, 5211
- Braun, Erez** — (see Soen, Yoav) E **61**, R2216
- Brechet, Y.** — (see Neda, Z.) E **61**, 6987
- Bréchet, Y.** — (see Perez, M.) E **61**, 2669
- Bregmann, Wolfgang** — (see Eichengrün, Markus) E **61**, 382
- Brenner, Howard and Venkat Ganesan** — Molecular wall effects: Are conditions at a boundary “boundary conditions”? E **61**, 6879
- Bressanini, Dario** — (see Mella, Massimo) E **61**, 2050
- Breuer, Heinz-Peter, Wolfgang Huber, and Francesco Petruccione** — Quasistationary distributions of dissipative nonlinear quantum oscillators in strong periodic driving fields. E **61**, 4883
- Brevik, Iver** — (see Jensen, Bjørn) E **61**, 6639
- Briand, J. P.** — (see Douysset, G.) E **61**, 3015
- Brillantov, Nikolai V. and Thorsten Pöschel** — Self-diffusion in granular gases. E **61**, 1716
- **and Thorsten Pöschel** — Deviation from Maxwell distribution in granular gases with constant restitution coefficient. E **61**, 2809
- **and Thorsten Pöschel** — Velocity distribution in granular gases of viscoelastic particles. E **61**, 5573
- Bringuier, Eric** — Nonequilibrium statistical mechanics of drifting particles. E **61**, 6351
- Brizard, A. J., H. Murayama, and J. S. Wurtele** — Magnetic field generation from self-consistent collective neutrino-plasma interactions. E **61**, 4410
- Broglioli, Doriano, Alberto Vailati, and Marzio Giglio** — Universal behavior of nonequilibrium fluctuations in free diffusion processes. E **61**, R1
- Brosens, F.** — (see Lemmens, L. F.) E **61**, 3358
- Brown, David** — (see Feng, Jianfeng) E **61**, 2987
- Brown, Reggie** — (see Kocarev, Ljupco) E **61**, 3716
- Brownell, J. H.** — (see Trotz, Seth R.) E **61**, 7057
- Bruce, A. D., A. N. Jackson, G. J. Ackland, and N. B. Wilding** — Lattice-switch Monte Carlo method. E **61**, 906
- Bruhn, B. and B.-P. Koch** — Strong pattern selection and amplitude equation of higher order for ionization waves in a neon glow discharge. E **61**, 3078
- Bruinsma, Robijn, Almuth Behrisch, and Erich Sackmann** — Adhesive switching of membranes: Experiment and theory. E **61**, 4253
- Brunet, Éric and Bernard Derrida** — Probability distribution of the free energy of a directed polymer in a random medium. E **61**, 6789
- Bruscolini, Pierpaolo and Lapo Casetti** — Lattice model for cold and warm swelling of polymers in water. E **61**, R2208
- Brutovsky, B.** — (see Lisy, V.) E **61**, 4045
- Bryk, Paweł** — (see Henderson, Douglas) E **61**, 3896
- Bucci, L.** — (see Dattoli, G.) E **61**, 7052
- Buceta, J., J. M. Parrondo, C. Van den Broeck, and F. J. de la Rubia** — Negative resistance and anomalous hysteresis in a collective molecular motor. E **61**, 6287
- Buceta, Javier, Juanma Pastor, Miguel A. Rubio, and F. Javier de la Rubia** — Finite resolution effects in the analysis of the scaling behavior of rough surfaces. E **61**, 6015(BR)
- Büchel, P. and M. Lücke** — Influence of through flow on binary fluid convection. E **61**, 3793
- Budde, Carlos E.** — (see Ré, Miguel A.) E **61**, 1110
- Buick, J. M. and C. A. Greated** — Gravity in a lattice Boltzmann model. E **61**, 5307
- Buivydas, M.** — (see Schacht, J.) E **61**, 3926
- Buka, Ágnes** — (see Rossberg, Axel G.) E **61**, R25
- Buldyrev, S. V.** — (see Barthélémy, M.) E **61**, R3283
- Buldyrev, Sergey V.** — (see Grosse, Ivo) E **61**, 5624
- (see Paul, Gerald) E **61**, 3435
- Bunde, A.** — (see Ordemann, A.) E **61**, R1005
- Bunde, Armin** — (see Ordemann, Anke) E **61**, 6858
- Burkhardt, Theodore W., Jerrold Franklin, and Richard R. Gawronski** — Statistics of a confined, randomly accelerated particle with inelastic boundary collisions. E **61**, 2376
- Burris, H. R.** — (see Moore, C. I.) E **61**, 788
- Buryak, Alexander V.** — (see Alexander, Tristram J.) E **61**, 2042
- Busquet, M., Z. Jiang, C. Y. Côté, J. C. Kieffer, M. Klapisch, A. Bar-Shalom, C. Bauche-Arnoult, and A. Bachelier** — Analysis of the M-shell spectra emitted by a short-pulse laser-created tantalum plasma. E **61**, 801
- Bychkov, V. V.** — (see Travnikov, O. Yu.) E **61**, 468
- Caffarel, Michel** — (see Assaraf, Roland) E **61**, 4566
- Cai, W., M. Lax, and R. R. Alfano** — Cumulant solution of the elastic Boltzmann transport equation in an infinite uniform medium. E **61**, 3871
- Cai, X.** — (see Li, W.) E **61**, 771
- (see Li, W.) E **61**, 5630
- (see Yang, C. B.) E **61**, 7243(BR)
- Califano, Francesco** — (see Lontano, Maurizio) E **61**, 4336
- Callejas-Fernández, J.** — (see Quesada-Pérez, M.) E **61**, 574
- Calucci, L.** — (see Dong, Ronald Y.) E **61**, 1559
- Campos, P. R. A., J. F. Fontanari, and P. F. Stadler** — Error propagation in the hypercycle. E **61**, 2996
- Camussi, Roberto** — (see Onorato, Miguel) E **61**, 1447
- Candau, S. J.** — (see Nisato, G.) E **61**, 2879
- Cao, H., J. Y. Xu, S.-H. Chang, and S. T. Ho** — Transition from amplified spontaneous emission to laser action in strongly scattering media. E **61**, 1985
- Cao, Jinde and Lin Wang** — Periodic oscillatory solution of bidirectional associative memory networks with delays. E **61**, 1825
- Carati, Andrea and Luigi Galgani** — Analog of Planck’s formula and effective temperature in classical statistical mechanics far from equilibrium. E **61**, 4791
- Cardy, J. L.** — (see Schmittmann, B.) E **61**, 5977(BR)

- Carozzi, T., R. Karlsson, and J. Bergman** — Parameters characterizing electromagnetic wave polarization. E **61**, 2024
- Carpena, P., A. V. Coronado, and P. Bernaola-Galván** — Thermodynamics of fractal spectra: Cantor sets and quasiperiodic sequences. E **61**, 2281
- Carpenter, J. H., J.-H. J. Cho, and B. M. Law** — Ellipsometric determination of universal critical adsorption scaling functions. E **61**, 532
- Carpio, A., L. L. Bonilla, A. Wacker, and E. Schöll** — Wave fronts may move upstream in semiconductor superlattices. E **61**, 4866
- Carreras, B. A.** — (see Sachtjen, M. L.) E **61**, 4877
- Carretero-González, R., D. K. Arrowsmith, and F. Vivaldi** — One-dimensional dynamics for traveling fronts in coupled map lattices. E **61**, 1329
- Carroll, Tom** — (see Fink, Kenneth S.) E **61**, 5080
- Casademunt, J.** — (see Folch, R.) E **61**, 6632
- Casado, José Manuel and José Gómez-Ordóñez** — Distribution of escape times for a deterministically driven bistable system. E **61**, 261
- Casati, G.** — (see Sokolov, V. V.) E **61**, 5057
- Casetti, Lapo** — (see Bruscolini, Pierpaolo) E **61**, R2208
- Castellano, Claudio and Federico Corberi** — Pinning of phase separation in a model of binary polymer blends. E **61**, 3252(BR)
- Castellanos, A.** — (see González, A.) E **61**, 4019
— (see Green, N. G.) E **61**, 4011
- Castiglione, F.** — (see Bernaschi, M.) E **61**, 1851
- Cates, M. E.** — (see Kendon, V. M.) E **61**, 4029
— (see Matsuyama, Akihiko) E **61**, 2977
— (see Müller, M.) E **61**, 4078
- Cavalcanti, R. M.** — (see de Carvalho, C. A. A.) E **61**, 6392
- Cawthorne, A. B.** — (see Peffley, Nicholas L.) E **61**, 5287
- Caylor, C. L.** — (see Mukhopadhyay, A.) E **61**, R1036
- Cebers, A.** — Instabilities of concentration stripe patterns in ferrocolloids. E **61**, 700
- Cecchi, Guillermo A.** — (see Chialvo, Dante R.) E **61**, 5654
- Cejnar, Pavel and Jan Jolie** — Quantum phase transitions studied within the interacting boson model. E **61**, 6237
- Celani, A.** — (see Boffetta, G.) E **61**, R29
— (see Boffetta, G.) E **61**, 3234(BR)
— (see Boffetta, G.) E **61**, 4329
- Cerdeira, Hilda A.** — (see El-Nashar, Hassan F.) E **61**, 6149
- Cerruti, Nicholas R.** — (see Lakshminarayan, Arul) E **61**, 6031(E)
- Cerruti-Sola, Monica, Cecilia Clementi, and Marco Pettini** — Hamiltonian dynamics and geometry of phase transitions in classical XY models. E **61**, 5171
- Chakrabarti, Amitabha** — (see Shou, Zhenyu) E **61**, R2200
- Chakrabarti, J.** — Effect of wall deformations on a confined fluid. E **61**, R4698
- Chakraborty, Bulbul** — (see Yin, Hui) E **61**, 6426
- Chalker, J. T. and Z. Jane Wang** — Spectrum of the Fokker-Planck operator representing diffusion in a random velocity field. E **61**, 196
- Champneys, Alan and Yuri S. Kivshar** — Origin of multikinks in dispersive nonlinear systems. E **61**, 2551
- Champneys, Alan R. and Boris A. Malomed** — Embedded solitons in a three-wave system. E **61**, 886
- Chan, C. K.** — (see Lai, Pik-Yin) E **61**, 5593
- Chance, Britton** — (see Li, Xingde) E **61**, 4295
- Chandler, David** — (see Huang, David M.) E **61**, 1501
- Chandre, C. and H. R. Jauslin** — Strange attractor for the renormalization flow for invariant tori of Hamiltonian systems with two generic frequencies. E **61**, 1320
- Chang, S.-H.** — (see Cao, H.) E **61**, 1985
- Chao, Chih-Yu, Chien-Rong Lo, and John T. Ho** — Crystalline transitions in free-standing films of 4-*n*-heptyloxybenzylidene-4-*n*-heptylaniline. E **61**, 5407
- Chapeau-Blondeau, François** — Stochastic resonance at phase noise in signal transmission. E **61**, 940(BR)
- Chatterjee, N.** — (see Löcher, M.) E **61**, 4954
- Chattopadhyay, Amit Kr., Abhik Basu, and Jayanta K. Bhattacharjee** — Coupled nonequilibrium growth equations: Self-consistent mode coupling using vertex renormalization. E **61**, 2086(BR)
- Chavanis, Pierre-Henri** — (see Sire, Clément) E **61**, 6644
- Chaves, Marta and Silvio Gama** — Time evolution of the eddy viscosity in two-dimensional Navier-Stokes flow. E **61**, 2118(BR)
- Chen, Guo-Xin** — (see Zhang, Ke-Qin) E **61**, 5512
- Chen, Hsuan-Yi and David Jasnow** — Layer dynamics of freely standing smectic-A films. E **61**, 493
- Chen, J. Y., K. W. Wong, Z. X. Chen, S. C. Xu, and J. W. Shuai** — Phase synchronization in discrete chaotic systems. E **61**, 2559
- Chen, Peilong and C.-Y. D. Lu** — Force between charged particles with ion condensation. E **61**, 824
- Chen, S. H.** — (see Liao, C. Y.) E **61**, 1518
- Chen, Shi-Yi** — (see Qian, Yue-Hong) E **61**, 2712
- Chen, Sow-Hsin** — (see Choy, Dawen) E **61**, 4148
— (see Jinnai, Hiroshi) E **61**, 6773
- Chen, Y. Z., V. Mohan, and R. H. Griffey** — Base opening in RNA and DNA duplexes: Implication for RNA stability. E **61**, 5640
- Chen, Z. X.** — (see Chen, J. Y.) E **61**, 2559
- Cheng, Baolian** — (see Kossobokov, Vladimir G.) E **61**, 3529
- Cheriaux, G.** — (see Schnürer, M.) E **61**, 4394
- Chernova, Natasha A.** — (see Bogoyavlenskiy, Vladislav A.) E **61**, 1629
— (see Bogoyavlenskiy, Vladislav A.) E **61**, 5422
- Chernyak, Yuri B.** — (see Schwartz, Ira B.) E **61**, 7208(BR)
- Chernykh, A.** — (see Ringhofer, K. H.) E **61**, 2029
- Chialvo, Dante R., Guillermo A. Cecchi, and Marcelo O. Magnasco** — Noise-induced memory in extended excitable systems. E **61**, 5654
- Chik, David T. W.** — (see Wang, Yuqing) E **61**, 740
- Chin, S. L.** — (see Aközbek, N.) E **61**, 4540
- Ching, Emily S. C.** — Intermittency of temperature field in turbulent convection. E **61**, R33
- Chitre, S. M.** — (see Vainshtein, S. I.) E **61**, 4422
- Chittenden, J. P., S. V. Lebedev, J. Ruiz-Camacho, F. N. Beg, S. N. Bland, C. A. Jennings, A. R. Bell, M. G. Haines, S. A. Pikuz, T. A. Shelkovenko, and D. A. Hammer** — Plasma formation in metallic wire Z pinches. E **61**, 4370
- Chiu, Hao-Wen** — (see Kyu, Thein) E **61**, 4161
- Chiueh, Tzihong** — Fluid Lagrangian approach to the classical-quantum transition. E **61**, 3823
- Chizhevsky, V. N., R. Vilaseca, and R. Corbalán** — Amplification of near-resonant signals via stochastic resonance in a chaotic CO₂ laser. E **61**, 6500
- Chng, Choon-Peng and Jian-Sheng Wang** — Unequal intralayer coupling in a bilayer driven lattice gas. E **61**, 4962
- Cho, J.-H. J.** — (see Carpenter, J. H.) E **61**, 532
- Cho, Sang-Hoon, Hee J. Lee, and Yong-soo Kim** — Nonrelativistic electromagnetic surface waves: Dispersion properties in a magnetized dusty electron-positron plasma. E **61**, 4357
- Choi, M. Y., H. J. Kim, D. Kim, and H. Hong** — Synchronization in a system of globally coupled oscillators with time delay. E **61**, 371
- Chowdhury, D., J. Kertész, K. Nagel, L. Santen, and A. Schadschneider** — Comment on “Critical behavior of a traffic flow model”. E **61**, 3270(C)
- Choy, Dawen and Sow-Hsin Chen** — Clipped random wave analysis of isometric lamellar microemulsions. E **61**, 4148
- Christensen, N.** — (see Ball, G.) E **61**, 1299
— (see Vant, K.) E **61**, 5994(BR)
- Christenson, Hugo K.** — (see Maeda, Nobuo) E **61**, 7239(BR)
- Christiansen, P. L.** — (see Zolotaryuk, A. V.) E **61**, 3256(BR)
- Christini, David J. and Daniel T. Kaplan** — Adaptive estimation and control method for unstable periodic dynamics in spike trains. E **61**, 5149
- Ciach, A.** — (see Drzewiński, A.) E **61**, 5009
- Ciattoni, A., A. Degasperis, and E. DelRe** — A one- and two-dimensional nonlinear pulse interaction. E **61**, R4714
- Cisneros, C.** — (see Basurto, E.) E **61**, 3053

- Clague, D. S., B. D. Kandhai, R. Zhang, and P. M. A. Sloot** — Hydraulic permeability of (un)bounded fibrous media using the lattice Boltzmann method. E **61**, 616
- Clark, N. A.** — (see Link, D. R.) E **61**, R37
- Clark, T. R. and H. M. Milchberg** — Optical mode structure of the plasma waveguide. E **61**, 1954
- Clarke, S. R., R. H. J. Grimshaw, and Boris A. Malomed** — Soliton formation from a pulse passing the zero-dispersion point in a nonlinear Schrödinger equation. E **61**, 5794
- Clément-Cottuz, J., S. Amokrane, and C. Regnaut** — Phase diagram of highly asymmetric binary mixtures: A study of the role of attractive forces from the effective one-component approach. E **61**, 1692
- Clementi, Cecilia** — (see Cerruti-Sola, Monica) E **61**, 5171
- Coffey, W. T., J. L. Déjardin, and Yu. P. Kalmykov** — Nonlinear noninertial response of a Brownian particle in a tilted periodic potential to a strong ac force. E **61**, 4599(BR)
- Cohen, E. G. D.** — (see Verberg, R.) E **61**, 2967
- Cohen, Gil** — Soliton interaction with an external traveling wave. E **61**, 874
- Cohen, Samuel A.** — (see Wang, Zhehui) E **61**, 1904
- Colby, Ralph H.** — Dynamic scaling approach to glass formation. E **61**, 1783
- Cole, M. W.** — (see Curtarolo, S.) E **61**, 1670
- Coleman, Bernard D., David Swigon, and Irwin Tobias** — Elastic stability of DNA configurations. II. Supercoiled plasmids with self-contact. E **61**, 759
- (see Tobias, Irwin) E **61**, 747
- Colinet, P.** — (see Dauby, P. C.) E **61**, 2663
- Collier, K.** — (see Kember, G. C.) E **61**, 1816
- Collings, Peter J.** — (see Huff, Benjamin P.) E **61**, 5372
- Composto, Russell J.** — (see Wang, Howard) E **61**, 1659
- Conti, Massimo** — Thermal and chemical diffusion in the rapid solidification of binary alloys. E **61**, 642
- Copelli, Mauro and Christian Van den Broeck** — Unsupervised learning of binary vectors: A Gaussian scenario. E **61**, 6971
- Čopič, M.** — (see Mertelj, A.) E **61**, 1622
- Corbalán, R.** — (see Chizhevsky, V. N.) E **61**, 6500
- (see Kul'minskii, A.) E **61**, 2500
- Corberi, F., G. Gonnella, and A. Lamura** — Structure and rheology of binary mixtures in shear flow. E **61**, 6621
- Corberi, Federico** — (see Castellano, Claudio) E **61**, 3252(BR)
- Cordeiro, C. E.** — (see Stilck, J. F.) E **61**, 5520
- Coronado, A. V.** — (see Carpena, P.) E **61**, 2281
- Corso, G.** — (see Ullmann, K.) E **61**, 2471
- Cory, D. G.** — (see Mair, R. W.) E **61**, 2741
- Costa, Rogério L. and Alba Theumann** — Categorization in a Hopfield network trained with weighted examples: Extensive number of concepts. E **61**, 4860
- Côté, C. Y.** — (see Busquet, M.) E **61**, 801
- Coveney, Peter V.** — (see Novik, Keir E.) E **61**, 435
- Crabtree, G. W.** — (see Blair, D.) E **61**, 5600
- Crain, J.** — (see Meeker, S. P.) E **61**, R6083
- Cramer, N. F.** — (see Ishihara, Osamu) E **61**, 7246(BR)
- Crasovan, L.** — (see Darmanyan, S.) E **61**, 3267(BR)
- Crasovan, L.-C.** — (see Mihalache, D.) E **61**, 7142
- Crawford, D. M.** — (see Snyder, S. C.) E **61**, 1920
- (see Snyder, S. C.) E **61**, 7261(E)
- Crawford, G. P.** — (see Zihler, P.) E **61**, 2792
- Cressman, J. R.** — (see Horváth, V. K.) E **61**, R4702
- Crocker, John C.** — (see Grier, David G.) E **61**, 980(C)
- Crooks, Gavin E.** — Path-ensemble averages in systems driven far from equilibrium. E **61**, 2361
- Crowell, P. A.** — (see Veum, M.) E **61**, R2192
- Csernai, L. P., Zs. I. Lázár, I. A. Lázár, D. Molnár, J. Pipek, and D. D. Strottman** — Event-by-event fluid dynamics. E **61**, 237
- Cuellar, Milena C.** — (see Binder, P.-M.) E **61**, 3685
- Cule, Dinko** — (see Kim, In Chan) E **61**, 4659(C)
- Culver, Joseph P.** — (see Li, Xingde) E **61**, 4295
- Curado, E. M. F. and M. A. Rego-Monteiro** — Thermodynamic properties of a solid exhibiting the energy spectrum given by the logistic map. E **61**, 6255
- Curtarolo, S., G. Stan, M. J. Bojan, M. W. Cole, and W. A. Steele** — Threshold criterion for wetting at the triple point. E **61**, 1670
- Czachor, Marek, Heinz-Dietrich Doebner, Monika Syty, and Krzysztof Wasyłka** — von Neumann equations with time-dependent Hamiltonians and supersymmetric quantum mechanics. E **61**, 3325
- Czupryński, Krzysztof** — (see Drozd-Rzoska, Aleksandra) E **61**, 5355
- da Costa, E. C. and W. Figueiredo** — Competitive reactions among three monomers over a catalytic surface. E **61**, 1134
- da Costa, Francisco A.** — (see de Araújo, João M.) E **61**, 2232
- Daido, H.** — (see Yu, Wei) E **61**, R2220
- Daido, Hiroaki** — Algebraic relaxation of an order parameter in randomly coupled limit-cycle oscillators. E **61**, 2145(C)
- Daivis, Peter. J. and J. L. Khayyam Coelho** — Generalized Fourier law for heat flow in a fluid with a strong, nonuniform strain rate. E **61**, 6003(BR)
- Dallot, Pierre** — (see Bagnier, Stéphane) E **61**, 6999
- Darmanyan, S., L. Crasovan, and F. Lederer** — Double-hump solitary waves in quadratically nonlinear media with loss and gain. E **61**, 3267(BR)
- Das, Kausik S. and J. K. Bhattacharjee** — Onset of convection in a binary mixture near the plait point. E **61**, 5191
- da Silva, E. C.** — (see Pereira, J. R. D.) E **61**, 5410
- da Silva, L. R.** — (see de Freitas, J. E.) E **61**, 6330
- Datta, A.** — (see Richter, A. G.) E **61**, 607
- Dattoli, G., L. Mezi, and L. Bucci** — Pulse propagation and optical-klystron free-electron-laser devices. E **61**, 7052
- Dauby, P. C., P. Colinet, and D. Johnson** — Theoretical analysis of a dynamic thermoconvective pattern in a circular container. E **61**, 2663
- Daughton, William, Michael S. Murillo, and Lester Thode** — Empirical bridge function for strongly coupled Yukawa systems. E **61**, 2129(BR)
- Davidchack, Ruslan L., Ying-Cheng Lai, Erik M. Boltt, and Mukeshwar Dhamala** — Estimating generating partitions of chaotic systems by unstable periodic orbits. E **61**, 1353
- (see Andrade, Victor) E **61**, 3230(BR)
- Davidson, Ronald C.** — (see Strasburg, Sean) E **61**, 5753
- Davies, J. R.** — (see Batani, D.) E **61**, 5725
- Davies, Lowri A., George Jackson, and Luis F. Rull** — Closed-loop phase equilibria of a symmetrical associating mixture of square-well molecules examined by Gibbs ensemble Monte Carlo simulation. E **61**, 2245
- Davis, Peter** — (see Liu, Yun) E **61**, R2176
- Davis, S. H.** — (see Ajaev, V. S.) E **61**, 1275
- Davoudi, Jahanshah and M. Reza Rahimi Tabar** — Multiscale correlation functions in strong turbulence. E **61**, 6563
- de Araújo, João M., Fernando D. Nobre, and Francisco A. da Costa** — Tricritical points in the Sherrington-Kirkpatrick model in the presence of discrete random fields. E **61**, 2232
- de Bruyn, John R.** — (see Shorlin, Kelly A.) E **61**, 6950
- de Carvalho, C. A. A., R. M. Cavalcanti, E. S. Fraga, and S. E. Jorás** — Semiclassical approximation to the partition function of a particle in D dimensions. E **61**, 6392
- Deegan, Robert D.** — Pattern formation in drying drops. E **61**, 475
- Deem, Michael W.** — (see Falcioni, Marco) E **61**, 5948
- de Freitas, J. E., L. S. Lucena, L. R. da Silva, and H. J. Hilhorst** — Critical behavior of a two-species reaction-diffusion problem. E **61**, 6330
- Degasperis, A.** — (see Ciattoni, A.) E **61**, R4714
- de J. Guevara-Rodríguez, F. and M. Medina-Noyola** — Long-time tracer diffusion of nonspherical Brownian particles. E **61**, 6368

- Déjardin, J. L. and Yu. P. Kalmykov** — Nonlinear dielectric relaxation of polar molecules in a strong ac electric field: Steady state response. E **61**, 1211
 — (see Coffey, W. T.) E **61**, 4599(BR)
- de la Rubia, F. J.** — (see Buceta, J.) E **61**, 6287
- De Los Rios, Paolo and Oscar Pla** — Statistical analysis of genealogical trees for polygamic species. E **61**, 5620
- de los Santos, F. and Miguel A. Muñoz** — Renormalized field theory of driven lattice gases under infinitely fast drive. E **61**, 1161
 — (see Garrido, Pedro L.) E **61**, R4683
- DelRe, E.** — (see Ciattoni, A.) E **61**, R4714
- de Medeiros, Nazareno G. F.** — (see Onody, Roberto N.) E **61**, 5664
- Demeter, G.** — Complex nonlinear behavior in optically excited nematic liquid crystals. E **61**, 6678
- De Meyer, H.** — (see Ixaru, L. Gr.) E **61**, 3151
- Demiralp, Metin and Herschel Rabitz** — Assessing optimality and robustness for the control of dynamical systems. E **61**, 2569
- de Moura, Alessandro P. S. and Patricio S. Letelier** — Chaos and fractals in geodesic motions around a nonrotating black hole with halos. E **61**, 6506
- Dennin, Michael** — (see Ghaskadvi, R. S.) E **61**, 1232
- Denton, A. R.** — (see Roth, J.) E **61**, 6845
- Depine, Ricardo A. and Diana C. Skigin** — Resonant modes of a bottle-shaped cavity and their effects in the response of finite and infinite gratings. E **61**, 4479
- Derényi, Imre** — (see Bier, Martin) E **61**, 7184(BR)
- Derfel, G.** — (see Krzyżański, D.) E **61**, 6663
- Derrida, Bernard** — (see Brunet, Eric) E **61**, 6789
- de S. Pinto, Sandro E. and Ricardo L. Viana** — Synchronization plateaus in a lattice of coupled sine-circle maps. E **61**, 5154
- de Sant'Ana, Z. A.** — (see Tolédano, Pierre) E **61**, 486
- de Schepper, I. M.** — (see Verberg, R.) E **61**, 2967
- DeSimone, J. M.** — (see Triolo, R.) E **61**, 4640(BR)
- de Sousa Vieira, Maria** — Simple deterministic self-organized critical system. E **61**, R6056
- Desplat, J.-C.** — (see Kendon, V. M.) E **61**, 4029
- de Sterke, C. Martijn** — (see Iizuka, Takeshi) E **61**, 4491
- Desyatnikov, Anton, Andrey Maimistov, and Boris Malomed** — Three-dimensional spinning solitons in dispersive media with the cubic-quintic nonlinearity. E **61**, 3107
- de Urquijo, J.** — (see Basurto, E.) E **61**, 3053
- Deutsch, C. and P. Fromy** — Long range dicorrelated stopping of relativistic electrons in ultradense plasmas. E **61**, 4322
- Deutsch, Moshe** — (see Mukherjee, Prabir K.) E **61**, 637
- Devreese, J. T.** — (see Lemmens, L. F.) E **61**, 3358
- De Witt, H. E.** — (see Baiko, D. A.) E **61**, 1912
- Deza, R.** — (see Perazzo, R.) E **61**, R3287
- Dha, Roberto R.** — (see Mangioni, Sergio E.) E **61**, 223
- Dhamala, Mukeshwar, Ying-Cheng Lai, and Eric J. Kostelich** — Detecting unstable periodic orbits from transient chaotic time series. E **61**, 6485
 — (see Davidchack, Ruslan L.) E **61**, 1353
- Diamant, Haim and David Andelman** — Binding of molecules to DNA and other semiflexible polymers. E **61**, 6740
- Diamond, P. H.** — (see Fleischer, J.) E **61**, 3912
- Diat, O.** — (see Eiser, E.) E **61**, 6759
- Díaz-Guilera, A.** — (see Arenas, A.) E **61**, 3466
- di Caprio, D.** — (see Stafiej, J.) E **61**, 3877
- Dierking, I., B. Glösen, S. T. Lagerwall, and C. K. Ober** — Synchrotron x-ray study of the smectic layer directional instability. E **61**, 1593
- Dieterich, W.** — (see Reinhard, J.) E **61**, 422
- Dietrich, S.** — (see Bauer, C.) E **61**, 1664
- Diks, Cees** — (see Yu, Dejin) E **61**, 3750
- Ding, Desheng and Jian-yu Lu** — Second-harmonic generation of the n th-order Bessel beam. E **61**, 2038
- Ding, Mingzhou** — (see Rangaraj, Govindan) E **61**, 4991
- Ding, Wu** — (see Yang, Yunyuan) E **61**, 4450
- Ditto, W. L.** — (see Löcher, M.) E **61**, 4954
- Djaoui, A.** — (see Batani, D.) E **61**, 5725
- Dmitriev, S. V., T. Miyauchi, K. Abe, and T. Shigenari** — Kink-breather solution in the weakly discrete Frenkel-Kontorova model. E **61**, 5880
- do Amaral, R. L. P. G.** — (see Stilck, J. F.) E **61**, 5520
- Dobbs, H. T. and R. Blossey** — Capillary-wave effects at critical wetting in type-I superconductors. E **61**, R6049
- Doebner, Heinz-Dietrich** — (see Czachor, Marek) E **61**, 3325
- Dogariu, A.** — (see Popescu, G.) E **61**, 4523
- Doi, Masao** — (see Okuzono, Tohru) E **61**, 4100
- Dokholyan, Nikolay V.** — (see Paul, Gerald) E **61**, 3435
- Dolan, Kevin** — (see Omberg, Larsson) E **61**, 4848
- Dolinsky, Yu. and T. Elperin** — Amplification of a magnetic field in systems with a finite electric conductivity. E **61**, 4500
- D'Oliveira, P.** — (see Hulin, S.) E **61**, 5693
- Doliwa, B. and A. Heuer** — Cooperativity and spatial correlations near the glass transition: Computer simulation results for hard spheres and disks. E **61**, 6898
- Dong, Ronald Y., C. R. Morcombe, L. Calucci, M. Geppi, and C. A. Veracini** — Conformational dynamics of a metallomesogen studied by ^2H -NMR spectroscopy. E **61**, 1559
- Dong Noh, Jae** — Roughening and preroughening transitions in crystal surfaces with double-height steps. E **61**, 77
- Dorogovtsev, S. N. and J. F. F. Mendes** — Evolution of a sandpile in a thick-flow regime. E **61**, 2909
- Dorozhkina, D. S. and V. E. Semenov** — Transverse dynamics of a collisionless plasma column in a homogeneous magnetic field. E **61**, 3058
- Dose, V.** — (see Fischer, R.) E **61**, 1152
- Doucas, George** — (see Trotz, Seth R.) E **61**, 7057
- Douysset, G., H. Khodja, A. Girard, and J. P. Briand** — Highly charged ion densities and ion confinement properties in an electron-cyclotron-resonance ion source. E **61**, 3015
- d'Ovidio, F. and E. Mosekilde** — Dynamical system approach to phyllotaxis. E **61**, 354
- Drazer, German, Horacio S. Wio, and Constantino Tsallis** — Anomalous diffusion with absorption: Exact time-dependent solutions. E **61**, 1417
- Drevenšek Olenik, I., M. W. Kim, A. Rastegar, and Th. Rasing** — Alignment of liquid crystals on a photosensitive substrate studied by surface optical second-harmonic generation. E **61**, R3310
- Drolet, François, K. R. Elder, Martin Grant, and J. M. Kosterlitz** — Phase-field modeling of eutectic growth. E **61**, 6705
- Drossel, Barbara** — Scaling behavior of the Abelian sandpile model. E **61**, R2168
- Drozdov, Alexander N. and Susan C. Tucker** — Breakdown of the bounding properties of variational transition state theory and the Rayleigh quotient method. E **61**, 2457
- Drozd-Rzoska, Aleksandra, Sylwester J. Rzoska, and Krzysztof Czupryński** — Phase transitions from the isotropic liquid to liquid crystalline mesophases studied by linear and nonlinear static dielectric permittivity. E **61**, 5355
 —, Sylwester J. Rzoska, and Jerzy Ziolo — Quasicritical behavior of dielectric permittivity in the isotropic phase of smectogenic n -cyanobiphenyls. E **61**, 5349
 — (see Rzoska, Sylwester J.) E **61**, 960(BR)
- Drzewiński, A., A. Maciolek, and A. Ciach** — Effect of bulk magnetic field on critical Ising films. E **61**, 5009
- Dubochet, Jacques** — (see Katritch, Vsevolod) E **61**, 5545
- Dubovik, V. M., M. A. Martsenyuk, and Bijan Saha** — Material equations for electromagnetism with toroidal polarizations. E **61**, 7087
- Duda, Brian J. and W. B. Mori** — Variational principle approach to short-pulse laser-plasma interactions in three dimensions. E **61**, 1925
- Dumont, Randall S.** — (see Basile, Anthony G.) E **61**, 2015
- Duncan, Todd L.** — Comment on "Dynamically maintained steady-state pressure gradients". E **61**, 4661(C)
- Durand, Richard V. and Carl Franck** — Surprisingly short-ranged interactions in highly charged colloidal suspensions. E **61**, 6922
- Durduran, Turgut** — (see Li, Xingde) E **61**, 4295

- Durning, C. J.** — (see Tseng, K. C.) E **61**, 1800
- Dutta, P.** — (see Richter, A. G.) E **61**, 607
- E, Weinan** — (see Yuan, Haijun) E **61**, 3264(BR)
- Ebeling, W.** — (see Steinberg, M.) E **61**, 2290
- Eber, Nándor** — (see Rossberg, Axel G.) E **61**, R25
- Ebert, Ute** — (see Storm, Cornelis) E **61**, R6063
- Ebisuzaki, Toshikazu** — (see Iitaka, Toshiaki) E **61**, R3314
- Eckhardt, Bruno** — (see Faisst, Holger) E **61**, 7227(BR)
- Edmundson, Darran** — (see Królikowski, Wiesław) E **61**, 3122
- Egger, R., L. Mühlbacher, and C. H. Mak** — Path-integral Monte Carlo simulations without the sign problem: Multilevel blocking approach for effective actions. E **61**, 5961
- Eggert, J. and J. L. van Hemmen** — Unifying framework for neuronal assembly dynamics. E **61**, 1855
- Eguia, M. C. and G. B. Mindlin** — Distribution of interspike times in noise-driven excitable systems. E **61**, 6490
- Eichengrün, Markus, Walter Schirmacher, and Wolfgang Bregmann** — Quantum chaotic scattering with a mixed phase space: The three-disk billiard in a magnetic field. E **61**, 382
- Eidmann, A.** — (see Goldbach, M.) E **61**, 1239
- Eiser, E., F. Molino, G. Porte, and O. Diat** — Nonhomogeneous textures and banded flow in a soft cubic phase under shear. E **61**, 6759
- Elder, K. R.** — (see Drolet, François) E **61**, 6705
- Elezgaray, Juan** — (see Léger, Christophe) E **61**, 5452
- Elezović-Hadžić, Sunčica** — (see Milošević, Sava) E **61**, 2141(C)
- Eliezer, S.** — (see Fraenkel, M.) E **61**, 1899
- Elipe, Antonio** — Complete reduction of oscillators in resonance $p:q$. E **61**, 6477
- Ellwi, S.** — (see Batani, D.) E **61**, 5725
- El-Nashar, Hassan F. and Hilda A. Cerdeira** — Dynamic scaling in a ballistic deposition model for a binary system. E **61**, 6149
- Elperin, T.** — (see Dolinsky, Yu.) E **61**, 4500
- Elperin, Tov, Nathan Kleeorin, Igor Rogachevskii, and Dmitry Sokoloff** — Passive scalar transport in a random flow with a finite renewal time: Mean-field equations. E **61**, 2617
- Elyutin, P. V. and B. V. Pavlov-Verevkin** — Response of a nonlinear Hamiltonian system to the external harmonic field: Resonant and chaotic cases. E **61**, 2579
- Ema, Kenji, Masashi Kanai, Haruhiko Yao, Yoichi Takanishi, and Hideo Takezoe** — Effect of optical purity on the critical heat capacity at the smectic-A-(chiral)-smectic-C transition in an antiferroelectric liquid crystal. E **61**, 1585
- Embs, J., H. W. Müller, C. Wagner, K. Knorr, and M. Lücke** — Measuring the rotational viscosity of ferrofluids without shear flow. E **61**, R2196
- Enciso, E.** — (see González, M. A.) E **61**, 3884
- Englert, J., H. Stark, L. Longa, and H.-R. Trebin** — Influence of fluctuations on the phase diagram of chiral nematic liquid crystals. E **61**, 2759
- Epand, R. M.** — (see Mason, P. C.) E **61**, 5634
- Ernst, M. H.** — (see van Noije, T. P. C.) E **61**, 1765
- Ernst, T.** — (see Anderson, J. E.) E **61**, 3951
- Erzan, Ayşe** — (see Kaya, Hüseyin) E **61**, 1102
- (see Tüzel, Erkan) E **61**, R1040
- Escalona, J. and P. Parmananda** — Noise-aided control of chaotic dynamics in a logistic map. E **61**, 5987(BR)
- (see Jiang, Y.) E **61**, 4614(BR)
- Español, Pep** — (see Martín, Teresa) E **61**, 6120
- Esquivel-Sirvent, R.** — (see Villarreal, C.) E **61**, 403
- Essevaz-Roulet, B., P. Petitjeans, M. Rosen, and J. E. Wesfreid** — Farey sequences of spatiotemporal patterns in video feedback. E **61**, 3743
- Etchegoin, P. and M. Nöllmann** — Comment on “Photon transmission technique for studying multiple phase transitions in a liquid crystal”. E **61**, 7256(C)
- (see Nöllmann, M.) E **61**, 5345
- (see Nöllmann, M.) E **61**, 7235(BR)
- Etxebarría, J.** — (see Pereda, N.) E **61**, 2799
- Eu, Byung Chan** — (see Rah, Kyunil) E **61**, 3275(E)
- Eugene Stanley, H.** — (see Makse, Hernán A.) E **61**, 583
- (see Paul, Gerald) E **61**, 3435
- Evangelista, L. R.** — (see Barbero, G.) E **61**, 2749
- Evans, Allan K.** — (see Augsdörfer, Ursula H.) E **61**, 5278
- Evans, Denis J.** — (see Zhang, Fei) E **61**, 3541
- Evans, P. G.** — (see Weninger, K. R.) E **61**, R1020
- Evans, R. M. L.** — (see Matsuyama, Akihiko) E **61**, 2977
- Evers, Martin** — (see Hessinger, Dirk) E **61**, 5493
- Ezersky, A. B., J. C. Lecordier, P. Paranthoën, and P. L. Soustov** — Structure of vortices in a Karman street behind a heated cylinder. E **61**, 2107(BR)
- Faisst, Holger and Bruno Eckhardt** — Transition from the Couette-Taylor system to the plane Couette system. E **61**, 7227(BR)
- Faivre, Gabriel** — (see Akamatsu, Silvere) E **61**, 3757
- Falcioni, Marco and Michael W. Deem** — Library design in combinatorial chemistry by Monte Carlo methods. E **61**, 5948
- Falo, F.** — (see Trias, E.) E **61**, 2257
- Fang, Haiping** — (see Wang, Zuowei) E **61**, 6837
- Fang, Hui and Jibin Li** — Global exponential stability and periodic solutions of cellular neural networks with delay. E **61**, 4212
- Farago, Oded and Yacov Kantor** — Fluctuation formalism for elastic constants in hard-spheres-and-tethers systems. E **61**, 2478
- Farrokhi, B.** — (see Maraghechi, B.) E **61**, 7046
- Fedorov, S. V., A. G. Vladimirov, G. V. Khodova, and N. N. Rosanov** — Effect of frequency detunings and finite relaxation rates on laser localized structures. E **61**, 5814
- Fedoruk, Michail P.** — (see Turitsyn, Sergei K.) E **61**, 3127
- Feldmann, Tova and Ronnie Kosloff** — Performance of discrete heat engines and heat pumps in finite time. E **61**, 4774
- Feng, J. and W. N. G. Hitchon** — Self-consistent kinetic simulation of plasmas. E **61**, 3160
- Feng, Jianfeng, David Brown, and Guibin Li** — Synchronization due to common pulsed input in Stein’s model. E **61**, 2987
- and Brunello Tirozzi — Stochastic resonance tuned by correlations in neural models. E **61**, 4207
- Feng, L.** — (see Kong, Q.) E **61**, 1981
- Feng, Simin and Herbert G. Winful** — Spatiotemporal structure of isodiffracting ultrashort electromagnetic pulses. E **61**, 862
- Fenton, G. A.** — (see Kember, G. C.) E **61**, 1816
- Ferrando, R., F. Montalenti, R. Spadacini, and G.E. Tommei** — Long jumps in the strong-collision model. E **61**, 6344
- (see Montalenti, F.) E **61**, 3411
- Ferreira, A. L. and M. A. Barroso** — Temperature and density extrapolations in canonical ensemble Monte Carlo simulations. E **61**, 1195
- Figueiredo, W.** — (see da Costa, E. C.) E **61**, 1134
- (see Godoy, M.) E **61**, 218
- Figueiredo Neto, A. M.** — (see Tolédano, Pierre) E **61**, 486
- Filatrella, Giovanni, Niels Falsig Pedersen, and Kurt Wiesenfeld** — High-Q cavity-induced synchronization in oscillator arrays. E **61**, 2513
- Fincke, J. R.** — (see Snyder, S. C.) E **61**, 1920
- (see Snyder, S. C.) E **61**, 7261(E)
- Fink, Kenneth S., Gregg Johnson, Tom Carroll, Doug Mar, and Lou Pecora** — Three coupled oscillators as a universal probe of synchronization stability in coupled oscillator arrays. E **61**, 5080
- Finken, R.** — (see Louis, A. A.) E **61**, R1028
- Finkenthal, M.** — (see May, M. J.) E **61**, 3042
- (see Pacella, D.) E **61**, 5701
- Fischer, Baruch, Amir Rosen, Alexander Bekker, and Shmuel Fishman** — Experimental observation of localization in the spatial frequency domain of a kicked optical system. E **61**, R4694
- Fischer, E. W.** — (see Patkowski, A.) E **61**, 6909

- Fischer, R., K. M. Hanson, V. Dose, and W. von der Linden** — Background estimation in experimental spectra. E **61**, 1152
- Fisher, Michael E.** — (see Orkoulas, G.) E **61**, 5930
- Fishman, Shmuel** — (see Fischer, Baruch) E **61**, R4694
- Flach, Sergej** — (see Yevtushenko, Oleg) E **61**, 7215(BR)
- Flambaum, V. V. and F. M. Izrailev** — Excited eigenstates and strength functions for isolated systems of interacting particles. E **61**, 2539
- Flätgen, Georg** — (see Kolodner, Paul) E **61**, 2519
- Fleischer, J. and P. H. Diamond** — Burgers' turbulence with self-consistently evolved pressure. E **61**, 3912
- Flekkøy, Eirik G.** — (see McNamara, Sean) E **61**, 4054
- Fleurov, V.** — (see Barkai, E.) E **61**, 1164
- Fleury, Vincent** — Branching morphogenesis in a reaction-diffusion model. E **61**, 4156
- Folch, R., J. Casademunt, and A. Hernández-Machado** — Viscous fingering in liquid crystals: Anisotropy and morphological transitions. E **61**, 6632
- Folcia, C. L.** — (see Pereda, N.) E **61**, 2799
- Folk, R. and G. Moser** — Critical dynamics of Heisenberg fluids at the gas-liquid transition. E **61**, 2864
- Follana, Eduardo and Victor Laliena** — Thermodynamics of self-gravitating systems with softened potentials. E **61**, 6270
- Fomenko, V. N., F. M. Shvarts, and M. A. Shvarts** — Exact description of photon migration in anisotropically scattering media. E **61**, 1990
- Fonseca, João G. and Yves Galerne** — Local measurement of the zenithal anchoring strength. E **61**, 1550
- Fontanari, J. F.** — (see Campos, P. R. A.) E **61**, 2996
- Fontes, E.** — (see Katsaras, J.) E **61**, 5668
- Foo, Grace M. and R. B. Pandey** — Characteristics of driven polymer surfaces: Growth and roughness. E **61**, 1793
- Forest, M. Gregory, Qi Wang, and Hong Zhou** — Exact banded patterns from a Doi-Marrucci-Greco model of nematic liquid crystal polymers. E **61**, 6655
- Forrest, James A. and Johan Mattsson** — Reductions of the glass transition temperature in thin polymer films: Probing the length scale of cooperative dynamics. E **61**, R53
- Fortuna, L.** — (see Arena, P.) E **61**, 776
- Fournier, K. B.** — (see May, M. J.) E **61**, 3042
- (see Pacella, D.) E **61**, 5701
- Fraaije, J. G. E. M.** — (see Morozov, A. N.) E **61**, 4125
- Fraenkel, M., A. Zigler, Z. Henis, S. Eliezer, and N. E. Andreev** — Measurement of the energy penetration depth into solid targets irradiated by ultrashort laser pulses. E **61**, 1899
- Fraga, E. S.** — (see de Carvalho, C. A. A.) E **61**, 6392
- Franceschetti, G., S. Marano, N. Pasquino, and I. M. Pinto** — Model for urban and indoor cellular propagation using percolation theory. E **61**, R2228
- Franceschini, D. F.** — (see Aarão Reis, F. D. A.) E **61**, 3417
- Franck, Carl** — (see Durand, Richard V.) E **61**, 6922
- Franklin, Jerrold** — (see Burkhardt, Theodore W.) E **61**, 2376
- Franosch, T., Shilpa Jain, and David R. Nelson** — Channel flow of smectic films. E **61**, 3942
- Franz, Silvio and Federico Ricci-Tersenghi** — Ultrametricity in three-dimensional Edwards-Anderson spin glasses. E **61**, 1121
- Franzese, Giancarlo** — Potts fully frustrated model: Thermodynamics, percolation, and dynamics in two dimensions. E **61**, 6383
- Franzosi, Roberto, Raoul Gatto, Giulio Pettini, and Marco Pettini** — Analytic Lyapunov exponents in a classical nonlinear field equation. E **61**, R3299
- Frenkel, Daan** — (see Bates, Martin A.) E **61**, 5223
- Friberg, A. T.** — (see Laine, T. A.) E **61**, 7098
- Friedland, L.** — Subharmonic autoresonance. E **61**, 3732
- Friedrich, R.** — (see Hutt, A.) E **61**, R4691
- Frisch, H. L.** — (see Reinhard, J.) E **61**, 422
- Frisch, U.** — (see Bec, J.) E **61**, 1395
- Fröjdh, Per** — (see Howard, Martin) E **61**, 167
- Fromy, P.** — (see Deutsch, C.) E **61**, 4322
- Fronczak, Piotr** — (see Just, Wolfram) E **61**, 5045
- Froyen, L.** — (see Anestiev, L.) E **61**, 6721
- Frusawa, H. and R. Hayakawa** — Generalizing the Debye-Hückel equation in terms of density functional integral. E **61**, R6079
- Fuchs, T.** — (see Radtke, R.) E **61**, 1966
- Fuhrmann, Uwe** — (see Morawetz, Klaus) E **61**, 2272
- Fujisaka, Hirokazu** — (see Watanabe, Takeshi) E **61**, R1024
- Fukao, K. and Y. Miyamoto** — Glass transitions and dynamics in thin polymer films: Dielectric relaxation of thin films of polystyrene. E **61**, 1743
- Fuller, Gerald G.** — (see Melle, Sonia) E **61**, 4111
- Furst, Eric M. and Alice P. Gast** — Micromechanics of magnetorheological suspensions. E **61**, 6732
- Furukawa, H.** — Spinodal decomposition of two-dimensional fluid mixtures: A spectral analysis of droplet growth. E **61**, 1423
- Fussmann, G.** — (see Meyer, H.) E **61**, 4347
- Fußmann, G.** — (see Radtke, R.) E **61**, 1966
- Gagne, Carmen J. and Marcelo Gleiser** — Lattice-independent approach to thermal phase mixing. E **61**, 3483
- Gaididei, Yuri B.** — (see Mingaleev, Serge F.) E **61**, R1044
- (see Mingaleev, Serge F.) E **61**, 4454
- Gale, G. M.** — (see Bratos, S.) E **61**, 5211
- Galerne, Yves** — (see Fonseca, João G.) E **61**, 1550
- Galgani, Luigi** — (see Carati, Andrea) E **61**, 4791
- (see Ponno, Antonio) E **61**, 7081
- Gallego, Rafa, Maxi San Miguel, and Raúl Toral** — Self-similar domain growth, localized structures, and labyrinthine patterns in vectorial Kerr resonators. E **61**, 2241
- Gallot, G.** — (see Bratos, S.) E **61**, 5211
- Galloudec, N. Renard-Le** — (see Amiranoff, F.) E **61**, 1949
- Gama, Sílvia** — (see Chaves, Marta) E **61**, 2118(BR)
- Gandjbakhche, Amir H. and George H. Weiss** — Descriptive parameter for photon trajectories in a turbid medium. E **61**, 6958
- Ganesan, Venkat** — (see Brenner, Howard) E **61**, 6879
- Ganguly, Biswa N.** — (see Williamson, James M.) E **61**, 5734
- Gans, Jason and David Shalloway** — Shadow mass and the relationship between velocity and momentum in symplectic numerical integration. E **61**, 4587
- Gao, G. T. and X. C. Zeng** — Freezing transition of a strongly dipolar simple fluid. E **61**, R2188
- Gao, J. B.** — (see Hwang, S. K.) E **61**, 5162
- Gao, L., Jones T. K. Wan, K. W. Yu, and Z. Y. Li** — Force between two spherical inclusions in a nonlinear host medium. E **61**, 6011(BR)
- Garbet, X.** — (see Beyer, P.) E **61**, 813
- García de Abajo, F. J.** — Smith-Purcell radiation emission in aligned nanoparticles. E **61**, 5743
- Garfinkel, Alan** — (see Qu, Zhilin) E **61**, 727
- Garrido, Pedro L., Miguel A. Muñoz, and F. de los Santos** — Universality classes of driven lattice gases. E **61**, R4683
- Gaspard, P.** — (see Barra, F.) E **61**, 5852
- Gast, Alice P.** — (see Furst, Eric M.) E **61**, 6732
- Gatto, Raoul** — (see Franzosi, Roberto) E **61**, R3299
- Gaulin, B. D.** — (see Mason, P. C.) E **61**, 5634
- Gawronski, Richard R.** — (see Burkhardt, Theodore W.) E **61**, 2376
- Gémard, J.-C.** — (see Losert, W.) E **61**, 4060
- Geppi, M.** — (see Dong, Ronald Y.) E **61**, 1559
- Gevorkian, Zh. S. and Th. M. Nieuwenhuizen** — Interference phenomena in radiation of a charged particle moving in a system with one-dimensional randomness. E **61**, 4656(BR)
- Ghaskadvi, R. S. and Michael Dennin** — Reversible random sequential adsorption of dimers on a triangular lattice. E **61**, 1232
- Ghassib, H. B.** — (see Nigmatullin, R. R.) E **61**, 3441
- Giacomelli, Giovanni** — (see Barbay, Sylvain) E **61**, 157
- Giacomini, H.** — (see Neukirch, S.) E **61**, 5098
- Giaquinta, P. V.** — (see Malescio, G.) E **61**, 4090
- Giardinà, Cristian** — Discrete spin variables and critical temperature in deterministic models with glassy behavior. E **61**, 3375
- Giglio, Marzio** — (see Brogioli, Doriano) E **61**, R1

- Gijbels, R.** — (see Kaganovich, I.) E **61**, 1875
- Gindre, M.** — (see Amararene, A.) E **61**, 682
- Girard, A.** — (see Douysset, G.) E **61**, 3015
- Giraud, Bertrand G.** — (see Abe, Yasuhisa) E **61**, 1125
- Gitterman, M.** — Stochastic resonance in one-dimensional diffusion with one reflecting and one absorbing end point. E **61**, 4726
- Gleiser, Marcelo** — (see Gagne, Carmen J.) E **61**, 3483
- Glogarová, M.** — (see Pociecha, D.) E **61**, 6674
- Glösen, B.** — (see Dierking, I.) E **61**, 1593
- Godoy, M. and W. Figueiredo** — Mixed-spin Ising model with one- and two-spin competing dynamics. E **61**, 218
- Goeckner, M. J.** — (see Wang, Zhehui) E **61**, 1904
- Goldammer, M.** — (see Wuttke, J.) E **61**, 2730
- Goldbach, M., A. Eidmann, and A. Kittel** — Simulation of multilane freeway traffic with detailed rules deduced from microscopic driving behavior. E **61**, 1239
- Goldbart, Paul M.** — (see Halperin, A.) E **61**, 565
— (see Peng, Weiqun) E **61**, 3339
- Goldburg, W. I.** — (see Horváth, V. K.) E **61**, R4702
- Golden, Kenneth I.** — (see Lu, Dexin) E **61**, 926(BR)
- Goldhirsch, I. and T. P. C. van Noije** — Green-Kubo relations for granular fluids. E **61**, 3241(BR)
- Goldschmidt, Yadin Y.** — Replica field theory for a polymer in random media. E **61**, 1729
- Goldstein, W. H.** — (see May, M. J.) E **61**, 3042
— (see Pacella, D.) E **61**, 5701
- Goles, Eric** — (see Scherer, Michael A.) E **61**, 4069
- Gollub, J. P.** — (see Losert, W.) E **61**, 4060
- Golubitsky, Martin** — (see Barkley, Dwight) E **61**, 5247
- Golubovic, Leonardo, Dorel Moldovan, and Anatoli Peredera** — Flexible polymers and thin rods far from equilibrium: Buckling dynamics. E **61**, 1703
— (see Moldovan, Dorel) E **61**, 6190
- Gomes, M. A. F.** — (see Stošić, Borko D.) E **61**, 6111
- Gomez, T., H. Politano, and A. Pouquet** — Exact relationship for third-order structure functions in helical flows. E **61**, 5321
- Gómez-Ordóñez, José** — (see Casado, José Manuel) E **61**, 261
- Gompf, B. and R. Pecha** — Mie scattering from a sonoluminescing bubble with high spatial and temporal resolution. E **61**, 5253
- Gonçalves, A. E.** — (see Simões, M.) E **61**, 6007(BR)
- Gonnella, G.** — (see Corberi, F.) E **61**, 6621
- González, A., A. Ramos, N. G. Green, A. Castellanos, and H. Morgan** — Fluid flow induced by nonuniform ac electric fields in electrolytes on microelectrodes. II. A linear double-layer analysis. E **61**, 4019
— (see Green, N. G.) E **61**, 4011
- González, Agustín E.** — (see AlSunaidi, A.) E **61**, 550
— (see AlSunaidi, A.) E **61**, 6781
- González, J.** — Finite-size scaling and conformal anomaly of the Ising model in curved space. E **61**, 3384
- González, M. A., E. Enciso, F. J. Bermejo, M. Jiménez-Ruiz, and M. Bée** — Molecular approach to the interpretation of the dielectric relaxation spectrum of a molecular glass former. E **61**, 3884
- Gorbachev, D. L.** — (see Kalinin, S. V.) E **61**, 1189
- Gorecka, E.** — (see Pociecha, D.) E **61**, 6674
- Goree, J.** — (see Konopka, U.) E **61**, 1890
— (see Quinn, R. A.) E **61**, 3033
— (see Samsonov, D.) E **61**, 5557
- Goriely, Alain and Patrick Shipman** — Dynamics of helical strips. E **61**, 4508
- Götze, W. and M. R. Mayr** — Evolution of vibrational excitations in glassy systems. E **61**, 587
—, **A. P. Singh, and Th. Voigtmann** — Reorientational relaxation of a linear probe molecule in a simple glassy liquid. E **61**, 6934
— and **Th. Voigtmann** — Universal and nonuniversal features of glassy relaxation in propylene carbonate. E **61**, 4133
- Gouda, F.** — (see Schacht, J.) E **61**, 3926
- Gouda, Naoteru** — (see Tsuchiya, Toshio) E **61**, 948(BR)
- Goyal, P. S.** — (see Aswal, V. K.) E **61**, 2947
- Goychuk, Igor and Peter Hänggi** — Stochastic resonance in ion channels characterized by information theory. E **61**, 4272
— (see Hartmann, Ludwig) E **61**, R4687
- Grabert, Hermann** — (see Ankerhold, Joachim) E **61**, 3450
- Graham, Malcolm** — (see Shorlin, Kelly A.) E **61**, 6950
- Grant, Martin** — (see Drolet, François) E **61**, 6705
- Grassberger, P.** — (see Kitarev, D. V.) E **61**, 81
— (see Quiroga, R. Quian) E **61**, 5142
- Gray, William G. and Cass T. Miller** — Comment on “Dynamics of wetting fronts in porous media”. E **61**, 2150(c)
- Created, C. A.** — (see Buick, J. M.) E **61**, 5307
- Grebogi, Celso** — (see Baptista, Murilo S.) E **61**, 3590
— (see Szabó, K. Gábor) E **61**, 5019
- Green, N. G., A. Ramos, A. González, H. Morgan, and A. Castellanos** — Fluid flow induced by nonuniform ac electric fields in electrolytes on microelectrodes. I. Experimental measurements. E **61**, 4011
— (see González, A.) E **61**, 4019
- Gregory, B.** — (see May, M. J.) E **61**, 3042
- Gribkov, Dmitrii and Valentina Gribkova** — Learning dynamics from nonstationary time series: Analysis of electroencephalograms. E **61**, 6538
- Gribkova, Valentina** — (see Gribkov, Dmitrii) E **61**, 6538
- Grier, David G. and John C. Crocker** — Comment on “Monte Carlo study of structural ordering in charged colloids using a long-range attractive interaction”. E **61**, 980(c)
- Griffey, R. H.** — (see Chen, Y. Z.) E **61**, 5640
- Grifoni, Milena** — (see Hartmann, Ludwig) E **61**, R4687
- Grigolini, Paolo** — (see Annunziato, Mario) E **61**, 4801
- Grillon, G.** — (see Schnürer, M.) E **61**, 4394
- Grimshaw, R. H. J.** — (see Clarke, S. R.) E **61**, 5794
- Grimson, Malcolm J.** — (see Jang, Hyunbum) E **61**, 511
- Groh, Benito** — Density-functional theory for vacancies in hard-sphere crystals. E **61**, 5218
— and **Bela Mulder** — Hard-sphere solids near close packing: Testing theories for crystallization. E **61**, 3811
- Gross, Mark and Cindy Wei** — Ground state of a dipolar crystal. E **61**, 2099(BR)
- Gross, Nicholas** — (see Yin, Hui) E **61**, 6426
- Gross, Susanna** — (see Rundle, John B.) E **61**, 2418
- Grosse, I.** — (see Krapivsky, P. L.) E **61**, R993
— (see Lima, A. R.) E **61**, 2267
- Grosse, Ivo, Hanspeter Herzel, Sergey V. Buldyrev, and H. Eugene Stanley** — Species independence of mutual information in coding and noncoding DNA. E **61**, 5624
- Grossmann, Siegfried, Detlef Lohse, and Achim Reeh** — Multiscale correlations and conditional averages in numerical turbulence. E **61**, 5195
- Grübel, Gerhard** — (see Riese, Dirk O.) E **61**, 1676
- Grynberg, M. D. and R. B. Stinchcombe** — Diffusion in disordered lattices and related Heisenberg ferromagnets. E **61**, 324
- Guerra, Francesco** — (see Ponno, Antonio) E **61**, 7081
- Guillouzie, Steve, Ivan L’Heureux, and André Longtin** — Rate processes in a delayed, stochastically driven, and overdamped system. E **61**, 4906
- Guo, H. X., X. Z. Yang, and T. Li** — Molecular dynamics study of the behavior of a single long chain polyethylene on a solid surface. E **61**, 4185
- Gurbatov, S. N.** — Universality classes for self-similarity of noiseless multidimensional Burgers turbulence and interface growth. E **61**, 2595
- Gutiérrez, Gonzalo, A. B. Belonoshko, Rajeev Ahuja, and Börje Johansson** — Structural properties of liquid Al_2O_3 : A molecular dynamics study. E **61**, 2723
- Hache, F.** — (see Bratos, S.) E **61**, 5211
- Haddad, T. A. S., S. T. R. Pinho, and S. R. Salinas** — Universal critical behavior of aperiodic ferromagnetic models. E **61**, 3330

- Haeberlé, O.** — (see Takakura, Y.) E **61**, 4441
- Hafizi, B., C. W. Roberson, and P. Sprangle** — Ultrashort free-electron laser pulse. E **61**, 5779
- (see Sprangle, P.) E **61**, 4381
- Hagberg, Aric, Ehud Meron, and Thierry Passot** — Phase dynamics of nearly stationary patterns in activator-inhibitor systems. E **61**, 6471
- Hägerstrand, H.** — (see Kralj-Iglič, V.) E **61**, 4230
- Haines, M. G.** — (see Chittenden, J. P.) E **61**, 4370
- Halevi, P.** — (see Zurita-Sánchez, Jorge R.) E **61**, 5802
- Hall, T. A.** — (see Batani, D.) E **61**, 5725
- Hallam, B. T. and J. R. Sambles** — Optically guided mode study of nematic liquid crystal alignment on a zero-order grating. E **61**, 6699
- Hallett, F. R.** — (see Pencer, J.) E **61**, 3003
- Halperin, A. and Paul M. Goldbart** — Early stages of homopolymer collapse. E **61**, 565
- Hamilton, M. W.** — (see Hill, T.) E **61**, R4718
- Hammer, D. A.** — (see Chittenden, J. P.) E **61**, 4370
- Han, D., Y. S. Kim, and Marilyn E. Noz** — Interferometers and decoherence matrices. E **61**, 5907
- Handge, Ulrich A., Igor M. Sokolov, and Alexander Blumen** — Universal scaling and nonlinearity in surface layer fragmentation. E **61**, 3216(BR)
- Hänggi, Peter** — (see Goychuk, Igor) E **61**, 4272
- (see Hartmann, Ludwig) E **61**, R4687
- (see Kettner, Christiane) E **61**, 312
- Hannachi, A.** — Probabilistic-based approach to optimal filtering. E **61**, 3610
- Hansen, Alex** — (see Aker, Eyvind) E **61**, 2936
- (see Schmittbuhl, Jean) E **61**, 3985
- Hansen, J. P.** — (see Louis, A. A.) E **61**, R1028
- Hansen, J.-P.** — (see Leote de Carvalho, R. J. F.) E **61**, 1634
- Hanser, F., W. Koller, and F. Schürer** — Treatment of laser-induced thermal acoustics in the framework of discrete kinetic theory. E **61**, 2065
- Hanson, K. M.** — (see Fischer, R.) E **61**, 1152
- Haran, O., D. Shvarts, and R. Thieberger** — Transport in two-dimensional scattering stochastic media: Simulations and models. E **61**, 6183
- Hari, A. and A. A. Nepomnyashchy** — Nonpotential effects in dynamics of fronts between convection patterns. E **61**, 4835
- Harris, A. B.** — (see Issaenko, S. A.) E **61**, 2777
- Harrison, Robert G.** — (see Yu, Dejin) E **61**, 3750
- Hartemann, F. V.** — Stochastic electron gas theory of coherence in laser-driven synchrotron radiation. E **61**, 972(BR)
- Hartmann, Ludwig, Igor Goychuk, Milena Grifoni, and Peter Hänggi** — Driven tunneling dynamics: Bloch-Redfield theory versus path-integral approach. E **61**, R4687
- Hasegawa, Hideo** — Responses of a Hodgkin-Huxley neuron to various types of spike-train inputs. E **61**, 718
- Hashimoto, M.** — (see Takeshita, H.) E **61**, 2125(BR)
- Hashimoto, Takeji** — (see Jinnai, Hiroshi) E **61**, 6773
- Hasinger, Günther** — (see Timmer, Jens) E **61**, 1342
- Hasmy, A.** — (see Barral P., J.) E **61**, 1812
- Hassan, Sergio A., Aurea R. Vasconcellos, Marcus V. Mesquita, and Roberto Luzzi** — Optical properties of nonequilibrium low-dimensional systems. E **61**, 71
- Havlin, S.** — (see Barthélémy, M.) E **61**, R3283
- (see Ordemann, A.) E **61**, R1005
- Havlin, Shlomo** — (see Ordemann, Anke) E **61**, 6858
- (see Paul, Gerald) E **61**, 3435
- Hayakawa, Hisao** — Slow viscous flows in micropolar fluids. E **61**, 5477
- Hayakawa, R.** — (see Frusawa, H.) E **61**, R6079
- Hayakawa, Yoshinori and Yasuji Sawada** — Learning-induced synchronization of a globally coupled excitable map system. E **61**, 5091
- Headrick, R. L.** — (see Katsaras, J.) E **61**, 5668
- Hébraud, P.** — (see Nisato, G.) E **61**, 2879
- Heenan, R. K.** — (see Triolo, R.) E **61**, 4640(BR)
- Heiney, P. A.** — (see Spector, M. S.) E **61**, 1579
- Heino, Pekka** — (see Szelestey, Péter) E **61**, 3378
- Heiss, W. D.** — Repulsion of resonance states and exceptional points. E **61**, 929(BR)
- Heller, E. J.** — (see Maitra, N. T.) E **61**, 3620
- Hemker, R.** — (see Lee, S.) E **61**, 7014
- Henderson, Douglas, Paweł Bryk, Stefan Sokolowski, and Darsh T. Wasan** — Density-functional theory for an electrolyte confined by thin charged walls. E **61**, 3896
- Hendrey, Matthew, Edward Ott, and Thomas M. Antonsen, Jr.** — Spiral wave dynamics in oscillatory inhomogeneous media. E **61**, 4943
- Henis, Z.** — (see Fraenkel, M.) E **61**, 1899
- Henley, Christopher L.** — (see Kondev, Jané) E **61**, 104
- Hennig, Dirk** — Solitonic energy transfer in a coupled exciton-vibron system. E **61**, 4550
- Hensel-Bielówka, Stella** — (see Paluch, Marian) E **61**, 526
- Hentschel, H. G. E.** — (see Tovstopyat-Nelip, I.) E **61**, 3318
- Hergarten, Stefan and Horst J. Neugebauer** — Self-organized criticality in two-variable models. E **61**, 2382
- Hernández-García, Emilio** — (see Neufeld, Zoltán) E **61**, 3857
- Hernández-Machado, A.** — (see Folch, R.) E **61**, 6632
- Herzel, Hanspeter** — (see Grosse, Ivo) E **61**, 5624
- Herzfeld, Judith** — (see Kramer, Eric M.) E **61**, 6872
- Hess, Siegfried and Martin Kröger** — Pressure of fluids and solids composed of particles interacting with a short-range repulsive potential. E **61**, 4629(BR)
- Hessinger, Dirk, Martin Evers, and Thomas Palberg** — Independent ion migration in suspensions of strongly interacting charged colloidal spheres. E **61**, 5493
- Hetényi, Balázs** — Effect of periodicity restrictions on the ground state of quantum systems with periodic potentials. E **61**, 3220(BR)
- Heuer, A.** — (see Doliwa, B.) E **61**, 6898
- Hibbins, A. P., J. R. Sambles, and C. R. Lawrence** — Coupling of near-grazing microwave photons to surface plasmon polaritons via a dielectric grating. E **61**, 5900
- Hidaka, Yoshiki** — (see Huh, Jong-Hoon) E **61**, 2769
- Hidalgo-Álvarez, R.** — (see Quesada-Pérez, M.) E **61**, 574
- Hilhorst, H. J.** — (see de Freitas, J. E.) E **61**, 6330
- Hill, T., L. Stamatescu, and M. W. Hamilton** — Method for determining antiphase dynamics in a multimode laser. E **61**, R4718
- Hinner, Bernhard** — (see Schmidt, Frank G.) E **61**, 5646
- Hinrichsen, H., R. Livi, D. Mukamel, and A. Politi** — First-order phase transition in a (1+1)-dimensional nonequilibrium wetting process. E **61**, R1032
- Hirshfeld, D. and D. C. Rapaport** — Growth of Taylor vortices: A molecular dynamics study. E **61**, R21
- Hirshfeld, J. L. and Changbiao Wang** — Laser-driven electron cyclotron autoresonance accelerator with production of an optically chopped electron beam. E **61**, 7252(BR)
- Hitchon, W. N. G.** — (see Feng, J.) E **61**, 3160
- Hlinka, J.** — (see Rubtsov, A. N.) E **61**, 126
- Hlushchuk, Y., A. Kohler, Sz. Bauch, L. Sirko, R. Blümel, M. Barth, and H.-J. Stöckmann** — Autocorrelation function of level velocities for ray-splitting billiards. E **61**, 366
- Hnatich, M. and J. Honkonen** — Velocity-fluctuation-induced anomalous kinetics of the $A + A \rightarrow \emptyset$ reaction. E **61**, 3904
- Ho, John T.** — (see Chao, Chih-Yu) E **61**, 5407
- Ho, S. T.** — (see Cao, H.) E **61**, 1985
- Ho, Tak-San** — (see Hu, Xu-Guang) E **61**, 2074
- (see Hu, Xu-Guang) E **61**, 5967
- Ho, Y. K.** — (see Kong, Q.) E **61**, 1981
- Hobbie, E. K. and A. D. Stewart** — Internal dynamics and elasticity of confined entropic gels. E **61**, 5540
- Hoffmann, D. H. H.** — (see Tahir, N. A.) E **61**, 1975
- Höfler, Kai and Stefan Schwarzer** — Navier-Stokes simulation with constraint forces: Finite-difference method for particle-laden flows and complex geometries. E **61**, 7146

- Hofmann, T., R. G. Winkler, and P. Reineker** — Dynamics of a polymer chain in an elongational flow. E **61**, 2840
- Holt, D. B.** — (see Spector, M. S.) E **61**, 1579
- Holt, R. Glynn** — (see McDaniel, J. Gregory) E **61**, R2204
- Holyst, J. A.** — (see Matyjaśkiewicz, S.) E **61**, 5134
- Holyst, Janusz A.** — (see Just, Wolfram) E **61**, 5045
- Hong, Daniel C.** — (see Kurtze, Douglas A.) E **61**, 6750
- Hong, H.** — (see Choi, M. Y.) E **61**, 371
- Hong, Jongbae, Heekyung Kim, and Jeong-Pil Hwang** — Characterization of soliton damping in the granular chain under gravity. E **61**, 964(BR)
- Hong, Zhao, Liu Yaowen, Ping Huican, and Wang Yinghai** — Dynamical control of systems near bifurcation points using time series. E **61**, 348
- Honkonen, J.** — (see Hnatich, M.) E **61**, 3904
- Hopper, A. R.** — (see Zhao, Y.-P.) E **61**, 2156(E)
- Horibe, K.** — (see Okazaki, A.) E **61**, 6215
- Horii, F.** — (see Schacht, J.) E **61**, 3926
- Hortikar, Sanjay and Mark Srednicki** — Trace formula for products of diagonal matrix elements in chaotic systems. E **61**, R2180
- Horváth, V. K., J. R. Cressman, W. I. Goldburg, and X. L. Wu** — Hysteresis at low Reynolds number: Onset of two-dimensional vortex shedding. E **61**, R4702
- Howard, Martin, Per Fröjd, and Kent Bækgaard Lauritsen** — Surface critical behavior in systems with nonequilibrium phase transitions. E **61**, 167
- Hoyle, Rebecca B.** — Cross-Newell equations for hexagons and triangles. E **61**, 2506
- Hu, Bambi, Baowen Li, and Hong Zhao** — Heat conduction in one-dimensional nonintegrable systems. E **61**, 3828
- and **Changsong Zhou** — Phase synchronization in coupled nonidentical excitable systems and array-enhanced coherence resonance. E **61**, R1001
- Hu, Xiwei** — (see Xu, Ning) E **61**, 2611
- Hu, Xu-Guang, Tak-San Ho, and Herschel Rabitz** — Solving the bound-state Schrödinger equation by reproducing kernel interpolation. E **61**, 2074
- , **Tak-San Ho, Herschel Rabitz, and Attila Askar** — Solution of the quantum fluid dynamical equations with radial basis function interpolation. E **61**, 5967
- Huang, C. C.** — (see Pankratz, S.) E **61**, 6689
- (see Veum, M.) E **61**, R2192
- Huang, David M. and David Chandler** — Cavity formation and the drying transition in the Lennard-Jones fluid. E **61**, 1501
- Huang, Weihong** — Stabilizing nonlinear dynamical systems by an adaptive adjustment mechanism. E **61**, R1012
- Hubbard, R. F.** — (see Moore, C. I.) E **61**, 788
- Huber, Wolfgang** — (see Breuer, Heinz-Peter) E **61**, 4883
- Huff, Benjamin P., Jacob J. Krich, and Peter J. Collings** — Helix inversion in the chiral nematic and isotropic phases of a liquid crystal. E **61**, 5372
- Huh, Jong-Hoon, Yoshiki Hidaka, Axel G. Rossberg, and Shoichi Kai** — Pattern formation of chevrons in the conduction regime in homeotropically aligned liquid crystals. E **61**, 2769
- Huican, Ping** — (see Hong, Zhao) E **61**, 348
- Hukushima, K. and H. Kawamura** — Chiral-glass transition and replica symmetry breaking of a three-dimensional Heisenberg spin glass. E **61**, R1008
- Hulin, S., T. Augustine, P. D'Oliveira, P. Monot, S. Jacquemot, L. Bonnet, and E. Lefebvre** — Soft-x-ray laser scheme in a plasma created by optical-field-induced ionization of nitrogen. E **61**, 5693
- Hüller, S.** — (see Amiranoff, F.) E **61**, 1949
- Hunt, E. R.** — (see Löcher, M.) E **61**, 4954
- Hurd, A. J.** — (see Manne, K. K.) E **61**, 4177
- Hussain, N.** — (see Trees, B. R.) E **61**, 6415
- Hutt, A., M. Svensén, F. Kruggel, and R. Friedrich** — Detection of fixed points in spatiotemporal signals by a clustering method. E **61**, R4691
- Hwang, Jeong-Pil** — (see Hong, Jongbae) E **61**, 964(BR)
- Hwang, S. K., J. B. Gao, and J. M. Liu** — Noise-induced chaos in an optically injected semiconductor laser model. E **61**, 5162
- Hwang, U.-H.** — (see Maraghechi, B.) E **61**, 7046
- Ichimura, Kunihiro** — (see Komitov, Lachezar) E **61**, 5379
- Iglič, A.** — (see Kralj-Iglič, V.) E **61**, 4230
- Iglói, Ferenc** — (see Lajkó, Péter) E **61**, 147
- Ignés-Mullol, Jordi and Patrick Oswald** — Growth and melting of the nematic phase: Sample thickness dependence of the Mullins-Sekerka instability. E **61**, 3969
- Iguain, J. L.** — (see Mazzitello, K.) E **61**, 2954
- Iima, Makoto** — (see Toh, Sadayoshi) E **61**, 2626
- Iitaka, Toshiaki and Toshikazu Ebisuzaki** — Calculating response functions in time domain with nonorthonormal basis sets. E **61**, R3314
- Iizuka, Takeshi and C. Martijn de Sterke** — Corrections to coupled mode theory for deep gratings. E **61**, 4491
- Inomoto, Osamu, Koji Abe, Takashi Amemiya, Tomohiko Yamaguchi, and Shoichi Kai** — Bromomalonic-acid-induced transition from trigger wave to big wave in the Belousov-Zhabotinsky reaction. E **61**, 5326
- Isaert, N.** — (see Ismaili, M.) E **61**, 519
- Isbister, Dennis J.** — (see Zhang, Fei) E **61**, 3541
- Ise, Norio** — (see Tata, B. V. R.) E **61**, 983(C)
- Ishihara, Osamu, S. V. Vladimirov, and N. F. Cramer** — Effect of a dipole moment on the wake potential of a dust grain in a flowing plasma. E **61**, 7246(BR)
- Iskakov, A. B., V. F. Tishkin, I. G. Lebo, J. Limpouch, K. Mašek, and K. Rohlena** — Two-dimensional model of thermal smoothing of laser imprint in a double-pulse plasma. E **61**, 842
- Iskakova, Larisa Yu.** — (see Zubarev, Andrej Yu.) E **61**, 5415
- Ismaili, M., A. Anakkur, G. Joly, N. Isaert, and H. T. Nguyen** — Multicritical behaviors and an induced twist grain boundary phase in a binary liquid crystalline mixture. E **61**, 519
- Ispolatov, I. and P. L. Krapivsky** — Particle systems with stochastic passing. E **61**, R2163
- Issaenko, S. A. and A. B. Harris** — van der Waals interactions in cholesteric liquid crystals. E **61**, 2777
- Itakura, M.** — Monte Carlo renormalization-group analysis of the lattice ϕ^4 model in $D=3,4$. E **61**, 5924
- Iuso, Gaetano** — (see Onorato, Miguel) E **61**, 1447
- Ivić, Zoran, Željko Pržulj, and Dragan Kostić** — Decay and slowing down of the multiquanta Davydov-like solitons in molecular chains. E **61**, 6963
- Ivlev, A. V.** — (see Konopka, U.) E **61**, 1890
- Iwamoto, Mitsumasa** — (see Zhao, Wei) E **61**, 6669
- Iwaniszewski, J., I. K. Kaufman, P. V. E. McClintock, and A. J. McKane** — Resonances while surmounting a fluctuating barrier. E **61**, 1170
- Iwaniszewski, Jan** — Tunneling through a fluctuating barrier: Two-level model. E **61**, 4890
- Ixaru, L. Gr., H. De Meyer, and G. Vanden Berghe** — Highly accurate eigenvalues for the distorted Coulomb potential. E **61**, 3151
- Izrailev, F. M.** — (see Flambaum, V. V.) E **61**, 2539
- Jabbarzadeh, A., J. D. Atkinson, and R. I. Tanner** — Effect of the wall roughness on slip and rheological properties of hexadecane in molecular dynamics simulation of Couette shear flow between two sinusoidal walls. E **61**, 690
- Jackson, A. N.** — (see Bruce, A. D.) E **61**, 906
- Jackson, George** — (see Davies, Lowri A.) E **61**, 2245
- Jacobs, A. E., D. Mukamel, and D. W. Allender** — Novel surface state in a class of incommensurate systems. E **61**, 2753
- Jacobsen, Jesper Lykke** — Multiscaling of energy correlations in the random-bond Potts model. E **61**, R6060

- and **Marco Picco** — Large- q asymptotics of the random-bond Potts model. E **61**, R13
- Jacquemot, S.** — (see Hulin, S.) E **61**, 5693
- Jaeger, Heinrich M.** — (see Villarruel, Fernando X.) E **61**, 6914
- Jain, Shilpa and David R. Nelson** — Statistical mechanics of vacancy and interstitial strings in hexagonal columnar crystals. E **61**, 1599
- (see Franosch, T.) E **61**, 3942
- Jang, Hyunbum and Malcolm J. Grimson** — Surface-induced ordering in thin uniaxial liquid crystal films. E **61**, 511
- Janssen, H. K. and O. Stenull** — Diluted networks of nonlinear resistors and fractal dimensions of percolation clusters. E **61**, 4821
- (see Schmittmann, B.) E **61**, 5977(BR)
- Janssen, Martin and Krystian Pracz** — Correlated random band matrices: Localization-delocalization transitions. E **61**, 6278
- Janssen, T.** — (see Rubtsov, A. N.) E **61**, 126
- Jasnow, David** — (see Chen, Hsuan-Yi) E **61**, 493
- Jáuregui, R.** — (see Villarreal, C.) E **61**, 403
- Jauslin, H. R.** — (see Chandre, C.) E **61**, 1320
- Jeffery, Christopher A.** — Effect of particle inertia on the viscous-convective subrange. E **61**, 6578
- Jennings, C. A.** — (see Chittenden, J. P.) E **61**, 4370
- Jensen, Björn and Iver Brevik** — Transition radiation and the origin of sonoluminescence. E **61**, 6639
- Jia, L. C.** — (see Lai, Pik-Yin) E **61**, 5593
- Jiang, Wei** — (see Wang, Ke-lin) E **61**, 4795
- Jiang, Y., A. Antillón, and J. Escalona** — Numerical studies on the dynamics of the globally coupled maps with sequential updating. E **61**, 4614(BR)
- , **T. Lookman, and A. Saxena** — Phase separation and shape deformation of two-phase membranes. E **61**, R57
- Jiang, Z.** — (see Busquet, M.) E **61**, 801
- Jiménez, J.** — (see Barral P., J.) E **61**, 1812
- Jiménez-Ruiz, M.** — (see González, M. A.) E **61**, 3884
- Jin, Zhun-Zhi** — (see Zhang, Wen-Bing) E **61**, 2805
- Jinnai, Hiroshi, Yukihiko Nishikawa, Sow-Hsin Chen, Satoshi Koizumi, and Takeji Hashimoto** — Morphological characterization of bicontinuous structures in polymer blends and microemulsions by the inverse-clipping method in the context of the clipped-random-wave model. E **61**, 6773
- Johansson, Börje** — (see Gutiérrez, Gonzalo) E **61**, 2723
- Johansson, Magnus and Serge Aubry** — Growth and decay of discrete nonlinear Schrödinger breathers interacting with internal modes or standing-wave phonons. E **61**, 5864
- Johnson, D.** — (see Dauby, P. C.) E **61**, 2663
- Johnson, Gregg** — (see Fink, Kenneth S.) E **61**, 5080
- Johnson, P. M.** — (see Pankratz, S.) E **61**, 6689
- Johnston, D.** — (see Lipowski, A.) E **61**, 6375
- Jolie, Jan** — (see Cejnar, Pavel) E **61**, 6237
- Joly, G.** — (see Ismaili, M.) E **61**, 519
- Jones, C. K. R. T.** — (see Kevrekidis, P. G.) E **61**, 3114
- Jones, Christopher K. R. T.** — (see Yew, Alice C.) E **61**, 5886
- Jones, R. B.** — (see Kutteh, Ramzi) E **61**, 3186
- Joós, B. and Z. Zhou** — Realizing the canonical ensemble in highly entropic inhomogeneous materials. E **61**, 2410
- Jorás, S. E.** — (see de Carvalho, C. A. A.) E **61**, 6392
- Jordan, Richard and Christophe Josserand** — Self-organization in nonlinear wave turbulence. E **61**, 1527
- Josserand, C.** — (see Blair, D.) E **61**, 5600
- Josserand, Christophe** — (see Jordan, Richard) E **61**, 1527
- Jung, Peter, Jichang Wang, Renate Wackerbauer, and Kenneth Showalter** — Coherent structure analysis of spatiotemporal chaos. E **61**, 2095(BR)
- Junge, Lutz and Ulrich Parlitz** — Synchronization and control of coupled Ginzburg-Landau equations using local coupling. E **61**, 3736
- Just, Wolfram, Ekkehard Reibold, Krzysztof Kacperski, Piotr Fronczak, Janusz A. Hołyst, and Hartmut Benner** — Influence of stable Floquet exponents on time-delayed feedback control. E **61**, 5045
- (see Schmüser, Frank) E **61**, 3675
- Kaatze, U.** — (see Mirzaev, S. Z.) E **61**, 542
- Kabakçioğlu, Alkan** — Hard-spin mean-field theory: A systematic derivation and exact correlations in one dimension. E **61**, 3366
- (see Kaya, Hüseyin) E **61**, 1102
- Kacperski, Krzysztof** — (see Just, Wolfram) E **61**, 5045
- Kærn, Mads and Michael Menzinger** — Pulsating wave propagation in reactive flows: Flow-distributed oscillations. E **61**, 3334
- Kaganovich, I., M. Mišina, S. V. Berezhnoi, and R. Gijbels** — Electron Boltzmann kinetic equation averaged over fast electron bouncing and pitch-angle scattering for fast modeling of electron cyclotron resonance discharge. E **61**, 1875
- Kahl, Gerhard** — (see Paschinger, Elisabeth) E **61**, 5330
- Kahn, R.** — (see Wuttke, J.) E **61**, 2730
- Kai, Shoichi** — (see Huh, Jong-Hoon) E **61**, 2769
- (see Inomoto, Osamu) E **61**, 5326
- Kaiser, Thomas B.** — Laser ray tracing and power deposition on an unstructured three-dimensional grid. E **61**, 895
- Kaji, K.** — (see Takeshita, H.) E **61**, 2125(BR)
- Kalachnikov, M. P.** — (see Schnürer, M.) E **61**, 4394
- Kalinin, S. V., D. L. Gorbachev, A. Yu. Borisevich, K. V. Tomashevitch, A. A. Vertegel, A. J. Markworth, and Yu. D. Tretyakov** — Evolution of fractal particles in systems with conserved order parameter. E **61**, 1189
- Kalmykov, Yu. P.** — Evaluation of the smallest nonvanishing eigenvalue of the Fokker-Planck equation for Brownian motion in a potential: The continued fraction approach. E **61**, 6320
- (see Coffey, W. T.) E **61**, 4599(BR)
- (see Déjardin, J. L.) E **61**, 1211
- Kamenov, V. P.** — (see Ringhofer, K. H.) E **61**, 2029
- Kamien, R. D.** — (see Spector, M. S.) E **61**, 3977
- Kamien, Randall D.** — Poisson bracket formulation of nematic polymer dynamics. E **61**, 2888
- Kanai, Masashi** — (see Ema, Kenji) E **61**, 1585
- Kanaya, T.** — (see Takeshita, H.) E **61**, 2125(BR)
- Kandhai, B. D.** — (see Clague, D. S.) E **61**, 616
- Kanter, Ido and David Saad** — Cascading parity-check error-correcting codes. E **61**, 2137(BR)
- Kantor, Yacov** — (see Farago, Oded) E **61**, 2478
- Kantz, Holger** — (see Letz, Tobias) E **61**, 2533
- (see Schmüser, Frank) E **61**, 3675
- Kaplan, Daniel T.** — (see Christini, David J.) E **61**, 5149
- Kaplan, J.** — (see Wysin, G. M.) E **61**, 6399
- Kaplyanskii, A. A.** — (see Vlasov, Yu. A.) E **61**, 5784
- Kappen, H. J. and J. J. Spanjers** — Mean field theory for asymmetric neural networks. E **61**, 5658
- Karataev, P. V.** — (see Potylitsyn, A. P.) E **61**, 7039
- Karbowski, Jan** — Fisher information and temporal correlations for spiking neurons with stochastic dynamics. E **61**, 4235
- Karimi Pour Haddadan, F.** — (see Zihler, P.) E **61**, 5361
- Karimov, O. Z.** — (see Vlasov, Yu. A.) E **61**, 5784
- Karlsson, R.** — (see Carozzi, T.) E **61**, 2024
- Karma, A.** — (see Tong, X.) E **61**, R49
- Karma, Alain, Youngyih H. Lee, and Mathis Plapp** — Three-dimensional dendrite-tip morphology at low undercooling. E **61**, 3996
- Karnchanaphanurach, Pallop, Binhua Lin, and Stuart A. Rice** — Melting transition in a quasi-two-dimensional colloid suspension: Influence of the colloid-colloid interaction. E **61**, 4036
- Kasemo, B.** — (see Zhdanov, V. P.) E **61**, R2184
- Kaski, Kimmo** — (see Szelestey, Péter) E **61**, 3378
- Kastening, Boris** — Recursive graphical construction of Feynman diagrams in ϕ^4 theory: Asymmetric case and effective energy. E **61**, 3501
- Katori, Makoto** — (see Tsuchiya, Tomoko) E **61**, 1183

- Katritch, Vsevolod, Wilma K. Olson, Alexander Vologodskii, Jacques Dubochet, and Andrzej Stasiak** — Tightness of random knotting. E **61**, 5545
- Katsaras, J., S. Tristram-Nagle, Y. Liu, R. L. Headrick, E. Fontes, P. C. Mason, and J. F. Nagle** — Clarification of the ripple phase of lecithin bilayers using fully hydrated, aligned samples. E **61**, 5668
— (see Mason, P. C.) E **61**, 5634
- Katsev, Sergei and Ivan L'Heureux** — Impact of environmental noise on oscillatory pattern formation in crystal growth: Plagioclase feldspar. E **61**, 4972
- Katsouleas, T.** — (see Lee, S.) E **61**, 7014
- Kaufman, I. K.** — (see Iwaniszewski, J.) E **61**, 1170
- Kaufmann, Z., A. Németh, and P. Szépfalusy** — Critical states of transient chaos. E **61**, 2543
- Kawamura, H.** — (see Hukushima, K.) E **61**, R1008
- Kaya, Hüseyin, Alkan Kabakçioğlu, and Ayşe Erzan** — Delocalization transition of a rough adsorption-reaction interface. E **61**, 1102
- Keanini, Russell G.** — Structure and particle transport in second-order Stokes flow. E **61**, 6606
- Keener, James P.** — (see Panfilov, A. V.) E **61**, 4644(BR)
- Kehr, K. W. and Z. Koza** — Hopping motion of lattice gases through nonsymmetric potentials under strong bias conditions. E **61**, 2319
- Keilis-Borok, Vladimir I.** — (see Kossobokov, Vladimir G.) E **61**, 3529
- Kember, G. C., G. A. Fenton, K. Collier, and J. A. Armour** — Aperiodic stochastic resonance in a hysteretic population of cardiac neurons. E **61**, 1816
- Kendon, V. M.** — Scaling theory of three-dimensional spinodal turbulence. E **61**, R6071
—, **M. E. Cates, and J.-C. Desplat** — Persistence exponents in a three-dimensional symmetric binary fluid mixture. E **61**, 4029
- Kenkre, V. M.** — (see Manne, K. K.) E **61**, 4177
- Kennel, Matthew B. and Alistair I. Mees** — Testing for general dynamical stationarity with a symbolic data compression technique. E **61**, 2563
- Kertész, J.** — (see Chowdhury, D.) E **61**, 3270(C)
- Kertész, János** — (see Szelestey, Péter) E **61**, 3378
- Kessler, David A.** — Steady-state cracks in viscoelastic lattice models. II. E **61**, 2348
- Ketterling, Jeffrey A. and Robert E. Apfel** — Extensive experimental mapping of sonoluminescence parameter space. E **61**, 3832
- Kettner, Christiane, Peter Reimann, Peter Hänggi, and Frank Müller** — Drift ratchet. E **61**, 312
- Kevrekidis, P. G. and C. K. R. T. Jones** — Bifurcation of internal solitary wave modes from the essential spectrum. E **61**, 3114
—, **K. Ø. Rasmussen, and A. R. Bishop** — Two-dimensional discrete breathers: Construction, stability, and bifurcations. E **61**, 2006
—, **K. Ø. Rasmussen, and A. R. Bishop** — Localized excitations and their thresholds. E **61**, 4652(BR)
- Khamzin, A. A.** — (see Nigmatullin, R. R.) E **61**, 3441
- Khayat, Roger E.** — (see Ashrafi, Nariman) E **61**, 1455
- Khayyam Coelho, J. L.** — (see Davis, Peter J.) E **61**, 6003(BR)
- Khelif, Anatole** — (see Assaraf, Roland) E **61**, 4566
- Khodja, H.** — (see Douysset, G.) E **61**, 3015
- Khodova, G. V.** — (see Fedorov, S. V.) E **61**, 5814
- Kieffer, J. C.** — (see Busquet, M.) E **61**, 801
- Kim, D.** — (see Choi, M. Y.) E **61**, 371
- Kim, H. J.** — (see Choi, M. Y.) E **61**, 371
- Kim, Heekyung** — (see Hong, Jongbae) E **61**, 964(BR)
- Kim, Hyojoon and Kook Joe Shin** — Single species diffusion-influenced reaction $A+A \rightarrow \alpha A$: Validity of the Smoluchowski approach. E **61**, 3426
- Kim, In Chan, Dinko Cule, and Salvatore Torquato** — Comment on “Walker diffusion method for calculation of transport properties of composite materials”. E **61**, 4659(C)
- Kim, In-mook** — (see Park, Kwangho) E **61**, 4606(BR)
- Kim, Jae-Hoon** — (see Qian, Tiezheng) E **61**, 4007
- Kim, Jangil and Isao Sawada** — Dynamics of a harmonic oscillator on the Bethe lattice. E **61**, R2172
- Kim, K. S., John Neu, and George Oster** — Effect of protein shape on multibody interactions between membrane inclusions. E **61**, 4281
— (see Plyukhin, A. V.) E **61**, 3207(BR)
- Kim, Kang and Ryoichi Yamamoto** — Apparent finite-size effects in the dynamics of supercooled liquids. E **61**, R41
- Kim, M. W.** — (see Drevenšek Olenik, I.) E **61**, R3310
- Kim, Sang Wook and Hai-Woong Lee** — Dynamical localization and partial-barrier localization in the Paul trap. E **61**, 5124
- Kim, Sang-Yoon and Youngtae Kim** — Dynamic stabilization in the double-well Duffing oscillator. E **61**, 6517
- Kim, Y. S.** — (see Han, D.) E **61**, 5907
- Kim, Yong-soo** — (see Cho, Sang-Hoon) E **61**, 4357
- Kim, Youngtae** — (see Kim, Sang-Yoon) E **61**, 6517
- King, Peter R.** — (see Paul, Gerald) E **61**, 3435
- Kitson, S. C.** — (see Amos, R. M.) E **61**, 2929
- Kittel, A.** — (see Goldbach, M.) E **61**, 1239
— (see Pyragas, K.) E **61**, 3721
- Kivshar, Yuri S.** — (see Alexander, Tristram J.) E **61**, 2042
— (see Champneys, Alan) E **61**, 2551
- Kladko, Konstantin** — (see Mitkov, Igor) E **61**, 1106
- Klafter, J.** — (see Barkai, E.) E **61**, 132
— (see Barkai, E.) E **61**, 1164
— (see Sokolov, I. M.) E **61**, 2717
- Klafter, Joseph** — (see Metzler, Ralf) E **61**, 6308
- Klapisch, M.** — (see Busquet, M.) E **61**, 801
- Kleeorin, Nathan** — (see Elperin, Tov) E **61**, 2617
— (see Rogachevskii, Igor) E **61**, 5202
- Klein, R.** — (see Méndez-Alcaraz, J. M.) E **61**, 4095
- Klein, W.** — (see Rundle, John B.) E **61**, 2418
- Kleman, Maurice and Oleg D. Lavrentovich** — Curvature energy of a focal conic domain with arbitrary eccentricity. E **61**, 1574
- Klose, S.** — (see Meyer, H.) E **61**, 4347
- Klostermann, H. and Th. Pierre** — Frequency modulation of the ion-acoustic instability. E **61**, 7034
- Kluijtmans, Sebastiaan G. J. M., Gijsberta H. Koenderink, and Albert P. Philipse** — Self-diffusion and sedimentation of tracer spheres in (semi)dilute dispersions of rigid colloidal rods. E **61**, 626
- Kmetko, J.** — (see Richter, A. G.) E **61**, 607
- Knackstedt, Mark A., Muhammad Sahimi, and Adrian P. Sheppard** — Invasion percolation with long-range correlations: First-order phase transition and nonuniversal scaling properties. E **61**, 4920
- Knorr, K.** — (see Embs, J.) E **61**, R2196
- Kob, Walter** — (see Yamamoto, Ryoichi) E **61**, 5473
- Kocarev, Ljupco, Ulrich Parlitz, and Reggie Brown** — Robust synchronization of chaotic systems. E **61**, 3716
- Koch, B.-P.** — (see Bruhn, B.) E **61**, 3078
- Koenderink, Gijsberta H.** — (see Kluijtmans, Sebastiaan G. J. M.) E **61**, 626
- Koenig, M.** — (see Batani, D.) E **61**, 5725
- Kogan, Eugene, Pier A. Mello, and He Liquan** — Wave scattering through classically chaotic cavities in the presence of absorption: An information-theoretic model. E **61**, R17
- Kohen, Daniela and Frank H. Stillinger** — Diversity in liquid supercooling and glass formation phenomena illustrated by a simple model. E **61**, 1176
- Kohler, A.** — (see Hlushchuk, Y.) E **61**, 366
- Kohonen, Mika M.** — (see Maeda, Nobuo) E **61**, 7239(BR)
- Koizumi, Satoshi** — (see Jinnai, Hiroshi) E **61**, 6773
- Koller, W.** — (see Hanser, F.) E **61**, 2065
- Kolodner, Paul and Georg Flätgen** — Spatial-feedback control of dispersive chaos in binary-fluid convection. E **61**, 2519
- Kolwankar, Kiran M. and Alexander Punnoose** — Disordered totally asymmetric simple exclusion process: Exact results. E **61**, 2453
- Komitov, L.** — (see Schacht, J.) E **61**, 3926
- Komitov, Lachezar, Christian Ruslim, and Kunihiro Ichimura** — Effect of photoisomerization of azobenzene dopants on the flexoelectric properties of short-pitch cholesteric liquid crystals. E **61**, 5379

- Kondev, Jané, Christopher L. Henley, and David G. Salinas** — Nonlinear measures for characterizing rough surface morphologies. E **61**, 104
- Kondoh, S., R. Teramoto, and Z. Yoshida** — Nonlinear density wave theory for the spiral structure of galaxies. E **61**, 5710
- Kong, Q., Y. K. Ho, J. X. Wang, P. X. Wang, L. Feng, and Z. S. Yuan** — Conditions for electron capture by an ultraintense stationary laser beam. E **61**, 1981
- Kon'kov, L. E.** — (see Prants, S. V.) E **61**, 3632
- Konopka, U., D. Samsonov, A. V. Ivlev, J. Goree, V. Steinberg, and G. E. Morfill** — Rigid and differential plasma crystal rotation induced by magnetic fields. E **61**, 1890
- Kosloff, Ronnie** — (see Feldmann, Tova) E **61**, 4774
- Kossobokov, Vladimir G., Vladimir I. Keilis-Borok, and Baolian Cheng** — Similarities of multiple fracturing on a neutron star and on the Earth. E **61**, 3529
- Kostelich, Eric J.** — (see Dhamala, Mukeshwar) E **61**, 6485
- Kosterlitz, J. M.** — (see Drolet, François) E **61**, 6705
- Kostić, Dragan** — (see Ivić, Zoran) E **61**, 6963
- Kostur, Marcin** — (see Bier, Martin) E **61**, 7184(BR)
- Kötter, Karsten** — (see Scherer, Michael A.) E **61**, 4069
- Koza, Z.** — (see Kehr, K. W.) E **61**, 2319
- Kozyreva, A.** — (see Tahir, N. A.) E **61**, 1975
- Kraenkel, R. A., M. A. Manna, and V. Merle** — Nonlinear short-wave propagation in ferrites. E **61**, 976(BR)
- Kralj-Iglič, V., A. Iglič, H. Hägerstrand, and P. Peterlin** — Stable tubular microexovesicles of the erythrocyte membrane induced by dimeric amphiphiles. E **61**, 4230
- Kramer, Eric M. and Judith Herzfeld** — Avoidance model for soft particles. II. Positional ordering of charged rods. E **61**, 6872
- Kramer, L.** — (see Bragard, J.) E **61**, R6045
- Kramer, Lorenz** — (see Rossberg, Axel G.) E **61**, R25
- Krapivsky, P. L., I. Grosse, and E. Ben-Naim** — Scale invariance and lack of self-averaging in fragmentation. E **61**, R993
- (see Ben-Naim, E.) E **61**, R5
- (see Ispolatov, I.) E **61**, R2163
- Krawiecki, A.** — (see Matyjaśkiewicz, S.) E **61**, 5134
- Krech, Michael and Erik Luijten** — Optimized energy calculation in lattice systems with long-range interactions. E **61**, 2058
- Krich, Jacob J.** — (see Huff, Benjamin P.) E **61**, 5372
- Krishnamurthy, Supriya** — (see Majumdar, Satya N.) E **61**, 6337
- Kroegler, H.** — (see May, M. J.) E **61**, 3042
- Kröger, Martin** — (see Hess, Siegfried) E **61**, 4629(BR)
- Królikowski, Wiesław, Darran Edmundson, and Ole Bang** — Unified model for partially coherent solitons in logarithmically nonlinear media. E **61**, 3122
- Królikowski, Wiesław, Barry Luther-Davies, Glen McCarthy, and Aleksander Bledowski** — Analytical solution for photorefractive screening solitons. E **61**, 2010
- Krugger, F.** — (see Hutt, A.) E **61**, R4691
- Krushelnick, K.** — (see Moore, C. I.) E **61**, 788
- Krzyżański, D. and G. Derfel** — Magnetic-field-induced periodic deformations in planar nematic layers. E **61**, 6663
- Ktitarev, D. V., S. Lübeck, P. Grassberger, and V. B. Priezzhev** — Scaling of waves in the Bak-Tang-Wiesenfeld sandpile model. E **61**, 81
- Kubota, Yoji and Takashi Odagaki** — Propagation of solitons in the Toda lattice with an impure segment. E **61**, 3133
- Kulkarni, R. V., E. Almaas, and D. Stroud** — Exact results and scaling properties of small-world networks. E **61**, 4268
- Kull, H.-J. and D. Pfirsch** — Generalized variational principle for the time-dependent Hartree-Fock equations for a Slater determinant. E **61**, 5940
- Kul'minskii, A., R. Vilaseca, and R. Corbalán** — Tracking unstable steady states by large-amplitude low-frequency periodic modulation of a control parameter: Phase-space analysis. E **61**, 2500
- Kumar, Satyendra** — (see Qian, Tiezheng) E **61**, 4007
- Kundu, K.** — Perturbative study of classical Ablowitz-Ladik type soliton dynamics in relation to energy transport in α -helical proteins. E **61**, 5839
- Kuramoto, Yoshiki** — (see Battogtokh, Dorjsuren) E **61**, 3227(BR)
- Kurchan, Jorge** — (see Berthier, Ludovic) E **61**, 5464
- Kurien, Susan, Victor S. L'vov, Itamar Procaccia, and K. R. Sreenivasan** — Scaling structure of the velocity statistics in atmospheric boundary layers. E **61**, 407
- Kurths, J.** — (see Boccaletti, S.) E **61**, 3712
- (see Landa, P. S.) E **61**, 4809
- Kurths, Jürgen** — (see Timmer, Jens) E **61**, 1342
- (see Wessel, Niels) E **61**, 733
- Kurtze, Douglas A., Joseph A. Both, and Daniel C. Hong** — Surface instability in windblown sand. E **61**, 6750
- Kutteh, Ramzi and R. B. Jones** — Rigid body molecular dynamics with nonholonomic constraints: Molecular thermostat algorithms. E **61**, 3186
- Kuznetsov, E. A. and V. P. Ruban** — Hamiltonian dynamics of vortex and magnetic lines in hydrodynamic type systems. E **61**, 831
- Kuznetsov, Leonid and George M. Zaslavsky** — Passive particle transport in three-vortex flow. E **61**, 3777
- Kuzovkov, V. N.** — (see Zvejnieks, G.) E **61**, 4593
- Kyu, Thein, Rujul Mehta, and Hao-Wen Chiu** — Spatiotemporal growth of faceted and curved single crystals. E **61**, 4161
- Lacelle, S.** — (see Tremblay, L.) E **61**, 656
- Lach-hab, M.** — (see AlSunaidi, A.) E **61**, 550
- (see AlSunaidi, A.) E **61**, 6781
- Lacoste, D. and B. A. van Tiggelen** — Coherent backscattering of light in a magnetic field. E **61**, 4556
- Lado, F.** — (see Lomba, E.) E **61**, 3838
- Lagerwall, S. T.** — (see Dierking, I.) E **61**, 1593
- (see Schacht, J.) E **61**, 3926
- Lahiri, Rangan, Mustansir Barma, and Sriram Ramaswamy** — Strong phase separation in a model of sedimenting lattices. E **61**, 1648
- Lai, Pik-Yin, L. C. Jia, and C. K. Chan** — Symmetric heaping in grains: A phenomenological model. E **61**, 5593
- (see Sheng, Yu-Jane) E **61**, 2895
- Lai, Ying-Cheng** — (see Andrade, Victor) E **61**, 3230(BR)
- (see Davidchack, Ruslan L.) E **61**, 1353
- (see Dhamala, Mukeshwar) E **61**, 6485
- (see Szabó, K. Gábor) E **61**, 5019
- Laine, T. A. and A. T. Friberg** — Canonical perturbative approach to nonlinear systems with application to optical waves in layered Kerr media. E **61**, 7098
- Lajkó, Péter and Ferenc Igloi** — Correlation-length-exponent relation for the two-dimensional random Ising model. E **61**, 147
- Lakshmanan, M.** — (see Venkatesan, A.) E **61**, 3641
- Lakshminarayan, Arul, Nicholas R. Cerruti, and Steven Tomsovic** — Erratum: Classical diffusion and quantum level velocities: Systematic deviations from random matrix theory [Phys. Rev. E **60**, 3992 (1999)]. E **61**, 6031(E)
- Laliena, Victor** — (see Follana, Eduardo) E **61**, 6270
- Lallemand, Pierre and Li-Shi Luo** — Theory of the lattice Boltzmann method: Dispersion, dissipation, isotropy, Galilean invariance, and stability. E **61**, 6546
- Lamura, A.** — (see Corberi, F.) E **61**, 6621
- Landa, P. S. and A. Rabinovitch** — Exhibition of intrinsic properties of certain systems in response to external disturbances. E **61**, 1829
- , A. A. Zaikin, V. G. Ushakov, and J. Kurths — Influence of additive noise on transitions in nonlinear systems. E **61**, 4809
- Landau, D. P.** — (see Milchev, A.) E **61**, 2959
- Lange, Adrian, Bert Reimann, and Reinhard Richter** — Wave number of maximal growth in viscous magnetic fluids of arbitrary depth. E **61**, 5528
- Lange, F.** — (see Pyragas, K.) E **61**, 3721
- Lanotte, A.** — (see Antonov, N. V.) E **61**, 6586
- Laporta, P.** — (see Longhi, S.) E **61**, R989
- Larrabee Winter, C.** — (see Mitkov, Igor) E **61**, 2152(C)
- Larralde, H.** — (see Aldana, M.) E **61**, 6136

- (see Al-Falou, A. A.) E **61**, 298
- Lascoux, N.** — (see Bratos, S.) E **61**, 5211
- Lastdrager, B., A. Tip, and J. Verhoeven** — Theory of Čerenkov and transition radiation from layered structures. E **61**, 5767
- Lathrop, Daniel P.** — (see Peffley, Nicholas L.) E **61**, 5287
- Lauderdale, Benjamin E.** — (see Villarruel, Fernando X.) E **61**, 6914
- Lavagno, A. and P. Narayana Swamy** — Thermostatistics of a q -deformed boson gas. E **61**, 1218
- Lavrentovich, Oleg D.** — (see Kleman, Maurice) E **61**, 1574
- Law, B. M.** — (see Carpenter, J. H.) E **61**, 532
—— (see Mukhopadhyay, A.) E **61**, R1036
- Lawrence, C. R.** — (see Hibbins, A. P.) E **61**, 5900
- Lawson, John W.** — Path integrals for the quantum microcanonical ensemble. E **61**, 61
- Lax, M.** — (see Cai, W.) E **61**, 3871
- Lázár, I. A.** — (see Csernai, L. P.) E **61**, 237
- Lázár, Zs. I.** — (see Csernai, L. P.) E **61**, 237
- Lazzaro, Enzo, Maurizio Lontano, and Dmitri D. Ryutov** — Linear magnetohydrodynamic waves in a finely stratified plasma. E **61**, 3069
- Lebedev, S. V.** — (see Chittenden, J. P.) E **61**, 4370
- Lebo, I. G.** — (see Isakov, A. B.) E **61**, 842
- Lechner, R.** — (see Wuttke, J.) E **61**, 2730
- Lecordier, J. C.** — (see Ezersky, A. B.) E **61**, 2107(BR)
- Lederer, F.** — (see Darmanyan, S.) E **61**, 3267(BR)
—— (see Mihalache, D.) E **61**, 7142
- Le Dizès, S.** — (see Ravoux, J. F.) E **61**, 390
- Lee, Hai-Woong** — (see Kim, Sang Wook) E **61**, 5124
- Lee, Hee J.** — (see Cho, Sang-Hoon) E **61**, 4357
- Lee, M. Howard** — Heisenberg, Langevin, and current equations via the recurrence relations approach. E **61**, 3571
- Lee, S., T. Katsouleas, R. Hemker, and W. B. Mori** — Simulations of a meter-long plasma wakefield accelerator. E **61**, 7014
- Lee, Youngki** — (see Paul, Gerald) E **61**, 3435
- Lee, Youngyih H.** — (see Karma, Alain) E **61**, 3996
- Lefebvre, E.** — (see Hulin, S.) E **61**, 5693
- Le Gal, P.** — (see Ravoux, J. F.) E **61**, 390
- Léger, Christophe, Juan Elezgaray, and Françoise Argoul** — Internal structure of dense electrodeposits. E **61**, 5452
- Lehmann, H.** — Electron density separations in nonideal plasmas: Structure of Thomas-Fermi-like bound states and the Mott transition. E **61**, 5717
- Lehner, Thierry and Nicole Auby** — Stabilization of the Kerr effect by self-induced ionization: Formation of optical light spatially localized structures. E **61**, 1996
- Le Huérou, J.-Y.** — (see Amararene, A.) E **61**, 682
- Leicknam, J.-Cl.** — (see Bratos, S.) E **61**, 5211
- Leitner, David M. and Peter G. Wolynes** — Heat flow through an insulating nanocrystal. E **61**, 2902
- Lemmens, L. F., F. Brosens, and J. T. Devreese** — Partition function of a spinor gas. E **61**, 3358
- Leote de Carvalho, R. J. F., E. Trizac, and J.-P. Hansen** — Nonlinear Poisson-Boltzmann theory of a Wigner-Seitz model for swollen clays. E **61**, 1634
- Letelier, Patricio S.** — (see de Moura, Alessandro P. S.) E **61**, 6506
- Letz, T.** — (see Pyragas, K.) E **61**, 3721
- Letz, Tobias and Holger Kantz** — Characterization of sensitivity to finite perturbations. E **61**, 2533
- Leung, K.-t.** — (see Schmittmann, B.) E **61**, 5977(BR)
- Levy, Ohad** — Local field effects and the field-dependent dielectric response of polymer dispersed liquid crystals. E **61**, 5385
- Lewis, C. A.** — (see Triolo, R.) E **61**, 4640(BR)
- L'Heureux, Ivan** — (see Guillouezic, Steve) E **61**, 4906
—— (see Katsev, Sergei) E **61**, 4972
- Li, Baowen** — (see Hu, Bambi) E **61**, 3828
- Li, Guibin** — (see Feng, Jianfeng) E **61**, 2987
- Li, Jibin** — (see Fang, Hui) E **61**, 4212
- Li, Jin-Song, Igor L. Maksimov, and Gerald Wilemski** — Genuine saddle point and nucleation potential for binary systems. E **61**, R4710
- Li, Jingbo** — (see Agu, Masahiro) E **61**, 7134
- Li, R. X.** — (see Yu, Wei) E **61**, R2220
- Li, T.** — (see Guo, H. X.) E **61**, 4185
- Li, W. and X. Cai** — Different hierarchy of avalanches observed in the Bak-Sneppen evolution model. E **61**, 771
- and X. Cai — Exact equations and scaling relations for $\bar{f}_0$ avalanche in the Bak-Sneppen evolution model. E **61**, 5630
- Li, Xingde, Deva N. Pattanayak, Turgut Durduran, Joseph P. Culver, Britton Chance, and Arjun G. Yodh** — Near-field diffraction tomography with diffuse photon density waves. E **61**, 4295
- Li, Z. Y.** — (see Gao, L.) E **61**, 6011(BR)
- Liao, C. Y., S. H. Chen, and F. Sette** — Analysis of inelastic x-ray scattering spectra of low-temperature water. E **61**, 1518
- Lieberman, M. A.** — (see Travnikov, O. Yu.) E **61**, 468
- Lichtenberg, A. J.** — (see Ullmann, K.) E **61**, 2471
- Lidorikis, E. and C. M. Soukoulis** — Pulse-driven switching in one-dimensional nonlinear photonic band gap materials: a numerical study. E **61**, 5825
- Lillo, Fabrizio and Rosario N. Mantegna** — Drift-controlled anomalous diffusion: A solvable Gaussian model. E **61**, R4675
- Lima, A. R., C. F. Moukarzel, I. Grosse, and T. J. P. Penna** — Sliding blocks with random friction and absorbing random walks. E **61**, 2267
- Lima, J. A. S., R. Silva, Jr., and Janilo Santos** — Plasma oscillations and nonextensive statistics. E **61**, 3260(BR)
- Limaye, A. V.** — (see Banpurkar, A. G.) E **61**, 5507
- Limonov, M. F.** — (see Vlasov, Yu. A.) E **61**, 5784
- Limpouch, J.** — (see Isakov, A. B.) E **61**, 842
- Lin, Binhua** — (see Karnchanaphanurach, Pallop) E **61**, 4036
- Lin, S. H.** — (see Makhnovskii, Yu. A.) E **61**, 6302
- Lin, Zhifang** — (see Wang, Zuowei) E **61**, 6837
- Lindner, Benjamin and Lutz Schimansky-Geier** — Coherence and stochastic resonance in a two-state system. E **61**, 6103
- Link, D. R., N. A. Clark, B. I. Ostrovskii, and E. A. Soto Bustamante** — Bilayer-by-bilayer antiferroelectric ordering in freely suspended films of an achiral polymer-monomer liquid crystal mixture. E **61**, R37
- Lipowski, A. and D. Johnston** — Cooling-rate effects in a model of glasses. E **61**, 6375
- Lipowski, Adam** — Multiplicity of species in some replicative systems. E **61**, 3009
- Lippiello, E. and M. Zannetti** — Fluctuation dissipation ratio in the one-dimensional kinetic Ising model. E **61**, 3369
- Lipshitz, Stanley P.** — (see Wannamaker, Robert A.) E **61**, 233
- Liqun, He** — (see Kogan, Eugene) E **61**, R17
- Lisy, V. and B. Brutovsky** — Interpretation of static and dynamic neutron and light scattering from microemulsion droplets: Effects of shape fluctuations. E **61**, 4045
- Litvak, A. G., V. A. Mironov, and E. M. Sher** — Regime of wave-packet self-action in a medium with normal dispersion of the group velocity. E **61**, 891
- Liu, J. M.** — (see Hwang, S. K.) E **61**, 5162
- Liu, S. B.** — (see Yu, Wei) E **61**, R2220
- Liu, Xiang, Kale Beckwith, and Frank Wise** — Noncollinear generation of optical spatiotemporal solitons and application to ultrafast digital logic. E **61**, R4722
- Liu, Y.** — (see Katsaras, J.) E **61**, 5668
- Liu, Yun and Peter Davis** — Dual synchronization of chaos. E **61**, R2176
- Liu, Zhong-Zhu, Jun Luo, and Cheng-Gang Shao** — Ratio of canonical and microcanonical temperatures of a vibratory antiferromagnetic Ising chain. E **61**, 2089(BR)
- Livi, R.** — (see Hinrichsen, H.) E **61**, R1032
- Lo, Chien-Rong** — (see Chao, Chih-Yu) E **61**, 5407
- Löcher, M., N. Chatterjee, F. Marchesoni, W. L. Ditto, and E. R. Hunt** — Noise sustained propagation: Local versus global noise. E **61**, 4954
- Logvin, Yu. A., B. Schäpers, and T. Ackemann** — Stationary and drifting localized structures near a multiple bifurcation point. E **61**, 4622(BR)

- Lohse, Detlef** — (see Grossmann, Siegfried) E **61**, 5195
- Lomba, E., F. Lado, and J. J. Weis** — Structure and thermodynamics of a ferrofluid monolayer. E **61**, 3838
- Longa, L.** — (see Englert, J.) E **61**, 2759
- Longhi, S. and P. Laporta** — Excess noise in intracavity laser frequency modulation. E **61**, R989
- Longtin, André** — (see Guillouez, Steve) E **61**, 4906
- Lontano, Maurizio and Francesco Califano** — Induced plasma nonuniformities and wave vector cascade in the strong wave-plasma interaction. E **61**, 4336
- (see Lazzaro, Enzo) E **61**, 3069
- Lookman, T.** — (see Jiang, Y.) E **61**, R57
- Lopes, Sérgio R.** — (see Batista, Antônio M.) E **61**, 5990(BR)
- López, Cristóbal** — (see Neufeld, Zoltán) E **61**, 3857
- Loreto, Vittorio** — (see Piccioni, Marina) E **61**, 2813
- Losert, W., J.-C. Gémard, S. Nasuno, and J. P. Gollub** — Mechanisms for slow strengthening in granular materials. E **61**, 4060
- Louis, A. A., R. Finken, and J. P. Hansen** — Crystallization and phase separation in nonadditive binary hard-sphere mixtures. E **61**, R1028
- Löwen, Hartmut** — (see Román, Francisco L.) E **61**, 5445
- Lu, C.-Y. D.** — (see Chen, Peilong) E **61**, 824
- Lu, Dexin and Kenneth I. Golden** — Third-frequency-moment sum rule for electronic multilayers. E **61**, 926(BR)
- Lu, Jian-yu** — (see Ding, Desheng) E **61**, 2038
- Lu, T.-M.** — (see Zhao, Y.-P.) E **61**, 2156(E)
- Lu, Wentao, Lorenza Viola, Kristi Pance, Michael Rose, and S. Sridhar** — Microwave study of quantum n -disk scattering. E **61**, 3652
- Lübeck, S.** — Moment analysis of the probability distribution of different sandpile models. E **61**, 204
- (see Ktitarev, D. V.) E **61**, 81
- (see Roters, L.) E **61**, 3272(C)
- Luca, Jayme De** — (see Mehra, Vishal) E **61**, 1199
- Lucena, L. S.** — (see de Freitas, J. E.) E **61**, 6330
- Lücke, M.** — (see Büchel, P.) E **61**, 3793
- (see Embs, J.) E **61**, R2196
- Luijten, Erik** — (see Krech, Michael) E **61**, 2058
- Lund, Fernando** — (see Boyer, Denis) E **61**, 1491
- Lunkenheimer, P.** — (see Wuttke, J.) E **61**, 2730
- Luo, Jun** — (see Liu, Zhong-Zhu) E **61**, 2089(BR)
- Luo, Li-Shi** — (see Lallemand, Pierre) E **61**, 6546
- Luther-Davies, Barry** — (see Królikowski, Wiesław) E **61**, 2010
- Luzzi, Roberto** — (see Hassan, Sergio A.) E **61**, 71
- L'vov, V. S., Yu. V. L'vov, and A. Pomyalov** — Anisotropic spectra of acoustic turbulence. E **61**, 2586
- L'vov, Victor S.** — (see Kurien, Susan) E **61**, 407
- L'vov, Yu. V.** — (see L'vov, V. S.) E **61**, 2586
- Lynch, V. E.** — (see Sachtjen, M. L.) E **61**, 4877
- Lyra, M.** — (see Argolo, C.) E **61**, 1227
- Ma, J. X.** — (see Yu, Wei) E **61**, R2220
- Ma, Rui-Qing and Deng-Ke Yang** — Fréedericksz transition in polymer-stabilized nematic liquid crystals. E **61**, 1567
- Maass, P.** — (see Reinhard, J.) E **61**, 422
- Mach, P.** — (see Veum, M.) E **61**, R2192
- Machavariani, V. Sh. and A. Voronel** — Estimation of the intrinsic heterogeneity of ionic glass-forming melts. E **61**, 2121(BR)
- Maciełek, A.** — (see Drzewiński, A.) E **61**, 5009
- Maeda, Nobuo, Mika M. Kohonen, and Hugo K. Christenson** — Phase transition of n -alkane layers adsorbed on mica. E **61**, 7239(BR)
- Magnasco, Marcelo O.** — (see Chialvo, Dante R.) E **61**, 5654
- Maher, J. V.** — (see Vlad, D. H.) E **61**, 5439
- Maier-Reimer, Ernst** — (see Müller, Detlev) E **61**, 1468
- Maimistov, Andrey** — (see Desyatnikov, Anton) E **61**, 3107
- Mair, R. W., C.-H. Tseng, G. P. Wong, D. G. Cory, and R. L. Walsworth** — Magnetic resonance imaging of convection in laser-polarized xenon. E **61**, 2741
- Maitra, N. T. and E. J. Heller** — Quantum transport through cantori. E **61**, 3620
- Majerníková, Eva** — (see Mingaleev, Serge F.) E **61**, 4454
- Majumdar, Satya N., Supriya Krishnamurthy, and Mustansir Barma** — Phase transition in the Takayasu model with desorption. E **61**, 6337
- (see Sire, Clément) E **61**, 1258
- Mak, C. H.** — (see Egger, R.) E **61**, 5961
- Makhnovskii, Yu. A., A. M. Berezhkovskii, D.-Y. Yang, S.-Y. Sheu, and S. H. Lin** — Trapping by clusters of traps. E **61**, 6302
- Mäkinen, J. P.** — (see Åström, J. A.) E **61**, 5550
- Makse, Hernán A., José S. Andrade, Jr., and H. Eugene Stanley** — Tracer dispersion in a percolation network with spatial correlations. E **61**, 583
- Maksimov, Igor L.** — (see Li, Jin-Song) E **61**, R4710
- Malescio, G., P. V. Giaquinta, and Y. Rosenfeld** — Structural stability of simple classical fluids: Universal properties of the Lyapunov-exponent measure. E **61**, 4090
- Malka, V.** — (see Amiranoff, F.) E **61**, 1949
- Malomed, B. A.** — (see Mihalache, D.) E **61**, 7142
- Malomed, Boris** — (see Desyatnikov, Anton) E **61**, 3107
- Malomed, Boris A.** — (see Champneys, Alan R.) E **61**, 886
- (see Clarke, S. R.) E **61**, 5794
- Måløy, Knut Jørgen** — (see Aker, Eyvind) E **61**, 2936
- (see Schmittbuhl, Jean) E **61**, 3985
- Måløy, Knut Jørgen** — (see McNamara, Sean) E **61**, 4054
- Malzahn, D.** — Learning strategies for the maximally stable diluted binary perceptron. E **61**, 6261
- Manaila-Maximean, Doina** — (see Piscureanu, Mihai) E **61**, 880
- Mancini, H.** — (see Boccaletti, S.) E **61**, 3712
- Manevitch, L. I.** — (see Savin, A. V.) E **61**, 7065
- Mangioni, Sergio E., Roberto R. Deza, Raúl Toral, and Horacio S. Wio** — Nonequilibrium phase transitions induced by multiplicative noise: Effects of self-correlation. E **61**, 223
- Mankin, Romi, Ain Ainsaar, and Eerik Reiter** — Current reversals in ratchets driven by trichotomous noise. E **61**, 6359
- Manna, M. A.** — (see Kraenkel, R. A.) E **61**, 976(BR)
- Manne, K. K., A. J. Hurd, and V. M. Kenkre** — Nonlinear waves in reaction-diffusion systems: The effect of transport memory. E **61**, 4177
- Mannella, R.** — (see Arrayás, M.) E **61**, 139
- Mansanares, A. M.** — (see Pereira, J. R. D.) E **61**, 5410
- Mantegna, Rosario N.** — (see Lillo, Fabrizio) E **61**, R4675
- Mantica, Giorgio** — Quantum algorithmic integrability: The metaphor of classical polygonal billiards. E **61**, 6434
- Mar, Doug** — (see Fink, Kenneth S.) E **61**, 5080
- Maraghechi, B., B. Farrokhi, J. E. Willett, and U.-H. Hwang** — Equilibrium orbit analysis in a free-electron laser with a coaxial wiggler. E **61**, 7046
- Marano, S.** — (see Franceschetti, G.) E **61**, R2228
- Marcano, A.** — (see Barral P., J.) E **61**, 1812
- Marchesoni, F.** — (see Löcher, M.) E **61**, 4954
- Marcus, Andrew H., Jeremy Schofield, and Stuart Rice** — Erratum: Experimental observations of non-Gaussian behavior and stringlike cooperative dynamics in concentrated quasi-two-dimensional colloidal liquids [Phys. Rev. E **60**, 5725 (1999)]. E **61**, 7260(E)
- Marić, G.** — (see Vranješ, J.) E **61**, 7009
- Marin, Francesco** — (see Barbay, Sylvain) E **61**, 157
- Marinelli, M. and F. Mercuri** — Effects of fluctuations in the orientational order parameter in the cyanobiphenyl (n CB) homologous series. E **61**, 1616
- Mariz, A.** — (see Argolo, C.) E **61**, 1227
- Markošová, Mária** — Universality classes for the ricepile model with absorbing properties. E **61**, 253
- Markus, Mario** — (see Scherer, Michael A.) E **61**, 4069
- Markworth, A. J.** — (see Kalinin, S. V.) E **61**, 1189

- Martí, J.** — Dynamic properties of hydrogen-bonded networks in supercritical water. E **61**, 449
- Martín, H. O.** — (see Mazzitello, K.) E **61**, 2954
- Martin, James E., Eugene Venturini, Judy Odinek, and Robert A. Anderson** — Anisotropic magnetism in field-structured composites. E **61**, 2818
- Martín, Teresa, Pep Español, Miguel A. Rubio, and Ignacio Zúñiga** — Dynamic fracture in a discrete model of a brittle elastic solid. E **61**, 6120
- Martínez-Mekler, G.** — (see Aldana, M.) E **61**, 6136
- Martins, S., W. A. M. Morgado, M. S. O. Massunaga, and M. Bahiana** — Density mismatch in thin diblock copolymer films. E **61**, 4118
- Martsenyuk, M. A.** — (see Dubovik, V. M.) E **61**, 7087
- Maruhn, J. A.** — (see Tahir, N. A.) E **61**, 1975
- Maruyama, K.** — (see Okazaki, A.) E **61**, 6215
- Mašek, K.** — (see Isakov, A. B.) E **61**, 842
- Masoliver, Jaume** — (see Boguñá, Marián) E **61**, 6248
- Mason, Anthony** — (see Berg, Peter) E **61**, 1056
- Mason, P. C., B. D. Gaulin, R. M. Epand, and J. Katsaras** — Critical swelling in single phospholipid bilayers. E **61**, 5634
— (see Katsaras, J.) E **61**, 5668
- Massunaga, M. S. O.** — (see Martins, S.) E **61**, 4118
- Matsuyama, Akihiko, R. M. L. Evans, and M. E. Cates** — Orientation fluctuation-induced spinodal decomposition in polymer–liquid-crystal mixtures. E **61**, 2977
- Mattioli, M.** — (see Pacella, D.) E **61**, 5701
- Mattsson, Johan** — (see Forrest, James A.) E **61**, R53
- Mátyás, László, Tamás Tél, and Jürgen Vollmer** — Thermodynamic cross effects from dynamical systems. E **61**, R3295
- Matyjaśkiewicz, S., J. A. Hołyst, and A. Krawiecki** — Stochastic resonance in noisy maps as dynamical threshold-crossing systems. E **61**, 5134
- May, M. J., K. B. Fournier, D. Pacella, H. Kroegler, J. E. Rice, B. Gregory, M. Finkenthal, H. W. Moos, G. Mazzitelli, and W. H. Goldstein** — Observations of the ultraviolet and x-ray brightness profiles and cooling rates of Kr and Ar in magnetically confined fusion plasmas. E **61**, 3042
— (see Pacella, D.) E **61**, 5701
- Maybhathe, Anil and R. E. Amritkar** — Dynamic algorithm for parameter estimation and its applications. E **61**, 6461
- Mayer, A. and J.-P. Vigneron** — Non-square transfer-matrix technique applied to the simulation of electronic diffraction by a three-dimensional circular aperture. E **61**, 5953
- Mayer, A. P.** — (see Schöllmann, J.) E **61**, 5830
- Mayr, M. R.** — (see Götze, W.) E **61**, 587
- Maza, D.** — (see Boccaletti, S.) E **61**, 3712
- Mazenko, Gene F.** — Perturbation expansion in phase-ordering kinetics. II. *n*-vector model. E **61**, 1088
- Mazilu, D.** — (see Mihalache, D.) E **61**, 7142
- Mazo, J. J.** — (see Trias, E.) E **61**, 2257
- Mazouffre, S.** — (see van der Heijden, H. W. P.) E **61**, 4402
- Mazzino, A.** — (see Antonov, N. V.) E **61**, 6586
- Mazzitelli, G.** — (see May, M. J.) E **61**, 3042
- Mazzitello, K., J. L. Iguain, C. M. Aldao, and H. O. Martín** — Universality of the island density exponent in growth models of monomer and dimer chains in two dimensions. E **61**, 2954
- McCarthy, Glen** — (see Królikowski, Wiesław) E **61**, 2010
- McClintock, P. V. E.** — (see Arrayás, M.) E **61**, 139
— (see Iwaniszewski, J.) E **61**, 1170
- McDaniel, J. Gregory and R. Glynn Holt** — Measurement of aqueous foam rheology by acoustic levitation. E **61**, R2204
- McKane, A. J.** — (see Arrayás, M.) E **61**, 139
— (see Iwaniszewski, J.) E **61**, 1170
- McKay, Susan R.** — (see Ytreberg, F. Marty) E **61**, 4107
- McNamara, Sean, Eirik G. Flekkøy, and Knut Jörgen Måløy** — Grains and gas flow: Molecular dynamics with hydrodynamic interactions. E **61**, 4054
- Medina-Noyola, M.** — (see de J. Guevara-Rodríguez, F.) E **61**, 6368
- Medvedev, Sergei B.** — (see Turitsyn, Sergei K.) E **61**, 3127
- Meeker, S. P., W. C. K. Poon, J. Crain, and E. M. Terentjev** — Colloid–liquid-crystal composites: An unusual soft solid. E **61**, R6083
- Meerson, Baruch, Pavel V. Sasorov, and Ken Sekimoto** — Logarithmically slow expansion of hot bubbles in gases. E **61**, 1403
- Mees, Alistair I.** — (see Kennel, Matthew B.) E **61**, 2563
- Mehra, Vishal and Jayme De Luca** — Long-range magnetic order and the Darwin Lagrangian. E **61**, 1199
- Mehta, Anita** — (see Barker, G. C.) E **61**, 6765
- Mehta, Mitaxi** — (see Balakrishnan, Radha) E **61**, 1312
- Mehta, Rujul** — (see Kyu, Thein) E **61**, 4161
- Meistermann, L.** — (see Tinland, B.) E **61**, 6993
- Meixner, Matthias, Scott M. Zoldi, Sumit Bose, and Eckehard Schöll** — Karhunen–Loève local characterization of spatiotemporal chaos in a reaction-diffusion system. E **61**, 1382
- Melchionna, Simone** — Constrained systems and statistical distribution. E **61**, 6165
- Mella, Massimo, Gabriele Morosi, and Dario Bressanini** — Time step bias improvement in diffusion Monte Carlo simulations. E **61**, 2050
- Melle, Sonia, Gerald G. Fuller, and Miguel A. Rubio** — Structure and dynamics of magnetorheological fluids in rotating magnetic fields. E **61**, 4111
- Mello, Bernardo A.** — (see Oliveira, Fernando A.) E **61**, 7200(BR)
- Mello, Pier A.** — (see Kogan, Eugene) E **61**, R17
- Mendelson, Kenneth S.** — Renormalization group treatment of correlated percolation. E **61**, 2432
- Mendes, J. F. F.** — (see Dorogovtsev, S. N.) E **61**, 2909
- Méndez-Alcaraz, J. M. and R. Klein** — Depletion forces in colloidal mixtures. E **61**, 4095
- Menyhárd, Nóra** — (see Ódor, Géza) E **61**, 6404
- Menyuk, Curtis R.** — (see Soljacic, Marin) E **61**, R1048
- Menzinger, Michael** — (see Kærn, Mads) E **61**, 3334
- Mercader, Isabel** — (see Pino, David) E **61**, 1507
- Mercuri, F.** — (see Marinelli, M.) E **61**, 1616
- Merle, V.** — (see Kraenkel, R. A.) E **61**, 976(BR)
- Meron, Ehud** — (see Hagberg, Aric) E **61**, 6471
- Mertelj, A. and M. Čopić** — Dynamic light scattering as a probe of orientational dynamics in confined liquid crystals. E **61**, 1622
- Mertens, Franz G.** — (see Mingaleev, Serge F.) E **61**, R1044
- Mesquita, Marcus V.** — (see Hassan, Sergio A.) E **61**, 71
- Metzler, R.** — (see Barkai, E.) E **61**, 132
- Metzler, Ralf and Joseph Klafter** — Subdiffusive transport close to thermal equilibrium: From the Langevin equation to fractional diffusion. E **61**, 6308
- Meyer, H., S. Klose, E. Pasch, and G. Fussmann** — Plasma rotation in a plasma generator. E **61**, 4347
- Meyerfeldt, Udo** — (see Wessel, Niels) E **61**, 733
- Mezi, L.** — (see Dattoli, G.) E **61**, 7052
- Midgley, S. and J. B. Wang** — Complex absorbing potential and Chebyshev propagation scheme. E **61**, 920
- Mieczkowski, J.** — (see Pocięcha, D.) E **61**, 6674
- Miesch, Mark S., Axel Brandenburg, and Ellen G. Zweibel** — Nonlocal transport of passive scalars in turbulent penetrative convection. E **61**, 457
- Mihalache, D., D. Mazilu, L.-C. Crasovan, B. A. Malomed, and F. Lederer** — Three-dimensional spinning solitons in the cubic-quintic nonlinear medium. E **61**, 7142
- Milchberg, H. M.** — (see Clark, T. R.) E **61**, 1954
- Milchev, A., J. P. Wittmer, and D. P. Landau** — Dynamical Monte Carlo study of equilibrium polymers: Effects of high density and ring formation. E **61**, 2959
- Militzer, Burkhard and E. L. Pollock** — Variational density matrix method for warm, condensed matter: Application to dense hydrogen. E **61**, 3470
- Miller, Cass T.** — (see Gray, William G.) E **61**, 2150(c)
- Miller, I. C. B. and D. R. M. Williams** — Steric interaction of an incoming particle with grafted rods: Exact solutions and unusual force profiles. E **61**, R4706
- Miller, Peter D.** — (see Besley, James A.) E **61**, 7121
- Millot, Guy** — (see Seve, Emmanuel) E **61**, 3139

- Milner, V., D. A. Steck, W. H. Oskay, and M. G. Raizen** — Recovery of classically chaotic behavior in a noise-driven quantum system. E **61**, 7223(BR)
- Milošević, Sava, Ivan Živić, and Sunčica Elezović-Hadžić** — Comment on “Critical behavior of the chain-generating function of self-avoiding walks on the Sierpinski gasket family: The Euclidean limit”. E **61**, 2141(C)
- Mima, K.** — (see Sheng, Z.-M.) E **61**, 4362
- Mindlin, G. B.** — (see Eguia, M. C.) E **61**, 6490
- Ming, Nai-ben** — (see Zhang, Ke-Qin) E **61**, 5512
- Mingaleev, Serge F., Yuri B. Gaididei, Eva Majerníková, and Serge Shpyrko** — Kinks in the discrete sine-Gordon model with Kac-Baker long-range interactions. E **61**, 4454
- _____, **Yuri B. Gaididei, and Franz G. Mertens** — Solitons in anharmonic chains with ultra-long-range interatomic interactions. E **61**, R1044
- Minotti, Fernando O.** — Self-consistent derivation of subgrid stresses for large-scale fluid equations. E **61**, 429
- Miranda, José A. and Michael Widom** — Parallel flow in Hele-Shaw cells with ferrofluids. E **61**, 2114(BR)
- Mironov, V. A.** — (see Litvak, A. G.) E **61**, 891
- Mirzaev, S. Z., T. Telgmann, and U. Kaatz** — Dynamic scaling of the critical ultrasonic attenuation in binary liquids: Evidence from broadband spectrometry. E **61**, 542
- Misguich, J. H.** — (see Vlad, M.) E **61**, 3023
- Mišina, M.** — (see Kaganovich, I.) E **61**, 1875
- Mitkov, Igor, Konstantin Kladko, and A. R. Bishop** — Localized structures in nonlinear lattices with diffusive coupling and external driving. E **61**, 1106
- _____, **Daniel M. Tartakovsky, and C. Larrabee Winter** — Reply to “Comment on ‘Dynamics of wetting fronts in porous media’”. E **61**, 2152(C)
- Miyamoto, Y.** — (see Fukao, K.) E **61**, 1743
- Miyashita, S.** — (see Saito, K.) E **61**, 2397
- Miyauchi, T.** — (see Dmitriev, S. V.) E **61**, 5880
- Miyazima, S.** — (see Argolo, C.) E **61**, 1227
- _____, (see Okazaki, A.) E **61**, 6215
- Modena, A.** — (see Amiranoff, F.) E **61**, 1949
- Mohan, V.** — (see Chen, Y. Z.) E **61**, 5640
- Moldovan, Dorel and Leonardo Golubovic** — Interfacial coarsening dynamics in epitaxial growth with slope selection. E **61**, 6190
- _____, (see Golubovic, Leonardo) E **61**, 1703
- Molino, F.** — (see Eiser, E.) E **61**, 6759
- Molnár, D.** — (see Csernai, L. P.) E **61**, 237
- Monot, P.** — (see Hulin, S.) E **61**, 5693
- Monson, P. A.** — (see Sarkisov, L.) E **61**, 7231(BR)
- Montalenti, F. and R. Ferrando** — Probability of dimer reassociation in two dimensions. E **61**, 3411
- _____, (see Ferrando, R.) E **61**, 6344
- Monteiro, T. S.** — (see Walker, P. N.) E **61**, 6444
- Montevicchi, Emma and Attilio L. Stella** — Boundary spatiotemporal correlations in a self-organized critical model of punctuated equilibrium. E **61**, 293
- Moore, C. I., K. Krushelnick, A. Ting, H. R. Burris, R. F. Hubbard, and P. Sprangle** — Transverse modulation of an electron beam generated in self-modulated laser wakefield accelerator experiments. E **61**, 788
- Moore, Cristopher and M. E. J. Newman** — Epidemics and percolation in small-world networks. E **61**, 5678
- Moos, H. W.** — (see May, M. J.) E **61**, 3042
- Morawetz, Klaus** — Quantum response of finite Fermi systems and the relation of the Lyapunov exponent to transport coefficients. E **61**, 2555
- _____, **and Uwe Fuhrmann** — General response function for interacting quantum liquids. E **61**, 2272
- Morcombe, C. R.** — (see Dong, Ronald Y.) E **61**, 1559
- Moreau, M.** — (see Bénichou, O.) E **61**, 3388
- Moreno-Flores, S.** — (see Bauer, C.) E **61**, 1755
- Morfill, G. E.** — (see Konopka, U.) E **61**, 1890
- _____, (see Ostrikov, K. N.) E **61**, 4315
- _____, (see Samsonov, D.) E **61**, 5557
- Morgado, W. A. M.** — (see Martins, S.) E **61**, 4118
- Morgan, H.** — (see González, A.) E **61**, 4019
- _____, (see Green, N. G.) E **61**, 4011
- Mori, W. B.** — (see Duda, Brian J.) E **61**, 1925
- _____, (see Lee, S.) E **61**, 7014
- Moriconi, L.** — Vortex reconnection as the dissipative scattering of dipoles. E **61**, 2640
- Morosi, Gabriele** — (see Mella, Massimo) E **61**, 2050
- Morozov, A. N., A. V. Zvelindovsky, and J. G. E. M. Fraaije** — Orientational phase transitions in the hexagonal phase of a diblock copolymer melt under shear flow. E **61**, 4125
- Morris, Stephen W.** — (see Shorlin, Kelly A.) E **61**, 6950
- Morse, Robert P. and Peter Roper** — Enhanced coding in a cochlear-implant model using additive noise: Aperiodic stochastic resonance with tuning. E **61**, 5683
- Mosekilde, E.** — (see d’Ovidio, F.) E **61**, 354
- Mosekilde, Erik** — (see Pavlov, Alexey N.) E **61**, 5033
- Moser, G.** — (see Folk, R.) E **61**, 2864
- Mosnier, A.** — (see Orsini, F.) E **61**, 4431
- Moss, Frank** — (see Omberg, Larsson) E **61**, 4848
- Moukarzel, C. F.** — (see Lima, A. R.) E **61**, 2267
- Mounaix, Ph.** — (see Amiranoff, F.) E **61**, 1949
- Mueth, Daniel M.** — (see Villarruel, Fernando X.) E **61**, 6914
- Mühlbacher, L.** — (see Egger, R.) E **61**, 5961
- Mujat, C.** — (see Popescu, G.) E **61**, 4523
- Mukamel, D.** — (see Hinrichsen, H.) E **61**, R1032
- _____, (see Jacobs, A. E.) E **61**, 2753
- Mukherjee, Prabir K. and Moshe Deutsch** — Effect of long-range forces on surface freezing. E **61**, 637
- Mukhopadhyay, A., C. L. Caylor, and B. M. Law** — Evidence for dipole surface orientational order at critical interfaces. E **61**, R1036
- Mulder, Bela** — (see Groh, Benito) E **61**, 3811
- Müller, Detlev and Ernst Maier-Reimer** — Trapped Rossby waves. E **61**, 1468
- Müller, Frank** — (see Kettner, Christiane) E **61**, 312
- Müller, H. W.** — (see Embs, J.) E **61**, R2196
- Müller, M., J. P. Wittmer, and M. E. Cates** — Topological effects in ring polymers. II. Influence of persistence length. E **61**, 4078
- _____, (see Seba, P.) E **61**, 66
- Müller, Stefan C.** — (see Panfilov, A. V.) E **61**, 4644(BR)
- Müller, Ursula U. and Lawrence M. Ward** — Stochastic resonance in a statistical model of a time-integrating detector. E **61**, 4286
- Munch, J.-P.** — (see Nisato, G.) E **61**, 2879
- Muñoz, Miguel A.** — (see de los Santos, F.) E **61**, 1161
- _____, (see Garrido, Pedro L.) E **61**, R4683
- Muñuzuri, Alberto P.** — (see Pérez-Villar, Vicente) E **61**, 3771
- Murayama, H.** — (see Brizard, A. J.) E **61**, 4410
- Murillo, Michael S.** — (see Daughton, William) E **61**, 2129(BR)
- Mušević, I.** — (see Škarabot, M.) E **61**, 3961
- Naciri, J.** — (see Spector, M. S.) E **61**, 1579
- Nagatani, Takashi** — Traffic jams induced by fluctuation of a leading car. E **61**, 3534
- _____, Density waves in traffic flow. E **61**, 3564
- Nagel, K.** — (see Chowdhury, D.) E **61**, 3270(C)
- Nagle, J. F.** — (see Katsaras, J.) E **61**, 5668
- Nakanishi, Hiizu** — Self-healing pulse solution in a continuum model of fracture propagation. E **61**, 3407
- Nakayama, Yasuya** — (see Watanabe, Takeshi) E **61**, R1024
- Nambu, K.** — (see Bobylev, A. V.) E **61**, 4576
- Nandy, Maitreyee** — (see Sarkar, P. K.) E **61**, 7161
- Nandy, Malay K.** — Heisenberg’s eddy-viscosity approximation, the distant-interaction algorithm, and the ϵ expansion in turbulence. E **61**, 2605
- Napper, Donald H.** — (see Zhu, Peng Wei) E **61**, 2859
- _____, (see Zhu, Peng Wei) E **61**, 6866

- Narayanan, T.** — (see Patkowski, A.) E **61**, 6909
- Nasuno, S.** — (see Losert, W.) E **61**, 4060
- Nation, J. A.** — (see Banna, S.) E **61**, 4445
- Naumenko, G. A.** — (see Potylitsyn, A. P.) E **61**, 7039
- Néda, Z., E. Ravasz, T. Vicsek, Y. Brechet, and A. L. Barabási** — Physics of the rhythmic applause. E **61**, 6987
- Neely, D.** — (see Batani, D.) E **61**, 5725
- Neher, D.** — (see Bauer, C.) E **61**, 1755
- Neiman, Alexander** — (see Omberg, Larsson) E **61**, 4848
- Nekhamkina, Olga A., Alexander A. Nepomnyashchy, Boris Y. Rubinstein, and Moshe Sheintuch** — Nonlinear analysis of stationary patterns in convection-reaction-diffusion systems. E **61**, 2436
- Nelson, David R.** — (see Franosch, T.) E **61**, 3942
— (see Jain, Shilpa) E **61**, 1599
- Nelson, Paul** — Synchronized traffic flow from a modified Lighthill-Whitman model. E **61**, R6052
- Németh, A.** — (see Kaufmann, Z.) E **61**, 2543
- Nepomnyashchy, A. A.** — (see Hari, A.) E **61**, 4835
- Nepomnyashchy, Alexander A.** — (see Nekhamkina, Olga A.) E **61**, 2436
- Nersisyan, H. B., M. Walter, and G. Zwirnagel** — Stopping power of ions in a magnetized two-temperature plasma. E **61**, 7022
- Neshkov, N.** — Reinterpretation of a Kardar-Parisi-Zhang equation-based classification. E **61**, 6023(BR)
- Net, Marta** — (see Pino, David) E **61**, 1507
- Neu, John** — (see Kim, K. S.) E **61**, 4281
- Neubecker, R.** — (see Schliecker, G.) E **61**, R997
- Neufeld, Zoltán, Cristóbal López, Emilio Hernández-García, and Tamás Tél** — Multifractal structure of chaotically advected chemical fields. E **61**, 3857
- Neugebauer, Horst J.** — (see Hergarten, Stefan) E **61**, 2382
- Neukirch, S. and H. Giacomini** — Shape of attractors for three-dimensional dissipative dynamical systems. E **61**, 5098
- Neuner, U.** — (see Tahir, N. A.) E **61**, 1975
- Newman, M. E. J.** — (see Moore, Christopher) E **61**, 5678
- Nguyen, H. T.** — (see Ismaili, M.) E **61**, 519
- Nickles, P. V.** — (see Schnürer, M.) E **61**, 4394
- Nicolis, C.** — (see Balakrishnan, V.) E **61**, 2490
- Nicolis, G.** — (see Balakrishnan, V.) E **61**, 2490
- Nielaba, Peter** — (see Sengupta, Surajit) E **61**, 1072
— (see Sengupta, Surajit) E **61**, 6294
- Nieuwenhuizen, Th. M.** — Thermodynamic picture of the glassy state gained from exactly solvable models. E **61**, 267
— (see Gevorkian, Zh. S.) E **61**, 4656(BR)
- Nigmatullin, R. R., A. A. Khamzin, and H. B. Ghassib** — Proton model of ferroelectrics with tunneling in the static fluctuation approximation. E **61**, 3441
- Nisato, G., P. Hébraud, J.-P. Munch, and S. J. Candau** — Diffusing-wave-spectroscopy investigation of latex particle motion in polymer gels. E **61**, 2879
- Nishida, K.** — (see Takeshita, H.) E **61**, 2125(BR)
- Nishihara, K.** — (see Sheng, Z.-M.) E **61**, 4362
- Nishikawa, Yukihiro** — (see Jinnai, Hiroshi) E **61**, 6773
- Nobre, Fernando D.** — (see de Araújo, João M.) E **61**, 2232
— (see Vieira, Selma R.) E **61**, 4760
- Noh, Jae Dong** — Model for correlations in stock markets. E **61**, 5981(BR)
- Nöllmann, M. and P. Etchegoin** — Phonon self-energies and phase transitions in a prototype discotic liquid crystal. E **61**, 5345
— and P. Etchegoin — Coupling between molecular vibrations and liquid crystalline order parameters. E **61**, 7235(BR)
— (see Etchegoin, P.) E **61**, 7256(C)
- Nolte, R.** — (see Schnürer, M.) E **61**, 4394
- Nordén, B.** — (see Zolotaryuk, A. V.) E **61**, 3256(BR)
- Norreys, P.** — (see Batani, D.) E **61**, 5725
- Novik, Keir E. and Peter V. Coveney** — Spinodal decomposition of off-critical quenches with a viscous phase using dissipative particle dynamics in two and three spatial dimensions. E **61**, 435
- Nowak, Ulrich** — (see Tadić, Bosiljka) E **61**, 4610(BR)
- Noz, Marilyn E.** — (see Han, D.) E **61**, 5907
- Nuridin, Wira Bahari and Klaus-Dieter Schotte** — Dynamical temperature for spin systems. E **61**, 3579
- Ober, C. K.** — (see Dierking, I.) E **61**, 1593
- O'Carroll, Michael** — (see Schor, Ricardo S.) E **61**, 6156
- Odagaki, Takashi** — (see Kubota, Yoji) E **61**, 3133
- Odinek, Judy** — (see Martin, James E.) E **61**, 2818
- Ódor, Géza and Nóra Menyhár** — Critical behavior of the annihilating random walk of two species with exclusion in one dimension. E **61**, 6404
- Ogale, S. B.** — (see Banpurkar, A. G.) E **61**, 5507
- Ohata, Darrick** — (see Tam, Tammy) E **61**, R9
- Ohira, Toru and Toshiyuki Yamane** — Delayed stochastic systems. E **61**, 1247
- Ohl, Claus-Dieter** — Luminescence from acoustic-driven laser-induced cavitation bubbles. E **61**, 1497
- Ohl, M.** — (see Wuttke, J.) E **61**, 2730
- Okamura, Mina and Kenichi Yoshikawa** — Rhythm in a saline oscillator. E **61**, 2445
- Okazaki, A., K. Horibe, K. Maruyama, and S. Miyazima** — Experimental study of critical exponents of electrical conductivity in a two-dimensional continuum percolation system. E **61**, 6215
- Okuzono, Tohru, Hirohisa Shibuya, and Masao Doi** — Hierarchical model in multiphase flow. E **61**, 4100
- Olinto, A. V.** — (see Vainshtein, S. I.) E **61**, 4422
- Oliveira, Fernando A., Bernardo A. Mello, and Isaac M. Xavier, Jr.** — Scaling transformation of random walk distributions in a lattice. E **61**, 7200(BR)
- Olson, Wilma K.** — (see Katritch, Vsevolod) E **61**, 5545
- Omberg, Larsson, Kevin Dolan, Alexander Neiman, and Frank Moss** — Detecting the onset of bifurcations and their precursors from noisy data. E **61**, 4848
- Ondris-Crawford, R. J.** — (see Zihler, P.) E **61**, 2792
- Onody, Roberto N. and Nazareno G. F. de Medeiros** — Time evolution of the Partridge-Barton model. E **61**, 5664
- Onorato, Miguel, Roberto Camussi, and Gaetano Iuso** — Small scale intermittency and bursting in a turbulent channel flow. E **61**, 1447
- Ordemann, A., G. Berkolaiko, S. Havlin, and A. Bunde** — Swelling-collapse transition of self-attracting walks. E **61**, R1005
- Ordemann, Anke, Markus Porto, H. Eduardo Roman, Shlomo Havlin, and Armin Bunde** — Multifractal behavior of linear polymers in disordered media. E **61**, 6858
- Orkoulas, G., A. Z. Panagiotopoulos, and Michael E. Fisher** — Criticality and crossover in accessible regimes. E **61**, 5930
- Orlando, T. P.** — (see Trias, E.) E **61**, 2257
- Orsini, F. and A. Mosnier** — Effectiveness of rf phase modulation for increasing bunch length in electron storage rings. E **61**, 4431
- Ortega, J.** — (see Pereda, N.) E **61**, 2799
- Ortner, J.** — (see Steinberg, M.) E **61**, 2290
- Oshanin, G.** — (see Bénichou, O.) E **61**, 3388
- Osipov, V. V. and E. V. Ponizovskaya** — Stochastic resonance in the Brusselator model. E **61**, 4603(BR)
- Oskay, W. H.** — (see Milner, V.) E **61**, 7223(BR)
- Oster, George** — (see Kim, K. S.) E **61**, 4281
- Ostrikov, K. N., S. V. Vladimirov, M. Y. Yu, and G. E. Morfill** — Dust-acoustic wave instabilities in collisional plasmas. E **61**, 4315
—, M. Y. Yu, and L. Stenflo — Surface waves in strongly irradiated dusty plasmas. E **61**, 782
- Ostrovskii, B. I.** — (see Link, D. R.) E **61**, R37
- Oswald, Patrick** — (see Ignés-Mullol, Jordi) E **61**, 3969
- Ott, Edward** — (see Hendrey, Matthew) E **61**, 4943
- Oxley, David P.** — (see Augsdörfer, Ursula H.) E **61**, 5278
- Pacella, D., K. B. Fournier, M. Zerbini, M. Finkenthal, M. Mattioli, M. J. May, and W. H. Goldstein** — Temperature and impurity

- transport studies of heated tokamak plasmas by means of a collisional-radiative model of x-ray emission from Mo^{30+} to Mo^{39+} . E **61**, 5701
- (see May, M. J.) E **61**, 3042
- Pál, L.** — Stochastic model of hysteresis. E **61**, 3490
- Palangana, A. J.** — (see Pereira, J. R. D.) E **61**, 5410
- (see Simões, M.) E **61**, 6007(BR)
- Palberg, Thomas** — (see Hessinger, Dirk) E **61**, 5493
- Palffy-Muhoray, Peter** — (see Yuan, Haijun) E **61**, 3264(BR)
- Palmer, Bruce J. and David R. Rector** — Lattice-Boltzmann algorithm for simulating thermal two-phase flow. E **61**, 5295
- Paluch, Marian, Stella Hensel-Bielówka, and Jerzy Ziolo** — Scaling behavior of the α relaxation in fragile glass-forming liquids under conditions of high compression. E **61**, 526
- Pan, Hai-jun** — (see Wang, Ke-lin) E **61**, 4795
- Panagiotopoulos, A. Z.** — (see Orkoulas, G.) E **61**, 5930
- Pance, Kristi** — (see Lu, Wentao) E **61**, 3652
- Pande, Ashwin and Rahul Pandit** — Spatiotemporal chaos and nonequilibrium transitions in a model excitable medium. E **61**, 6448
- Pandey, R. B.** — (see Foo, Grace M.) E **61**, 1793
- Pandit, Rahul** — (see Acharyya, Mukti) E **61**, 1139
- (see Pande, Ashwin) E **61**, 6448
- Panfilov, A. V., Stefan C. Müller, Vladimir S. Zykov, and James P. Keener** — Elimination of spiral waves in cardiac tissue by multiple electrical shocks. E **61**, 4644(BR)
- Pang, Ning-Ning and Wen-Jer Tzeng** — Discerning influences of orientational instability on anomalously roughened interfaces. E **61**, 3212(BR)
- and Wen-Jer Tzeng — Interfaces with superroughness. E **61**, 3559
- Pankratov, Andrey L. and Mario Salerno** — Adiabatic approximation and parametric stochastic resonance in a bistable system with periodically driven barrier. E **61**, 1206
- Pankratz, S., P. M. Johnson, A. Paulson, and C. C. Huang** — Kinetics of layer-thinning transitions in overheated smectic films. E **61**, 6689
- Papenbrock, Thomas** — Lyapunov exponents and Kolmogorov-Sinai entropy for a high-dimensional convex billiard. E **61**, 1337
- Numerical study of a three-dimensional generalized stadium billiard. E **61**, 4626(BR)
- Papoular, M.** — (see Perez, M.) E **61**, 2669
- Paranthoën, P.** — (see Ezersky, A. B.) E **61**, 2107(BR)
- Parisi, G.** — (see Angelani, L.) E **61**, 1681
- Parisi, J.** — (see Pyragas, K.) E **61**, 3721
- Park, Kwangho and In-mook Kim** — Self-organized growth model for the quenched Herring-Mullin equation. E **61**, 4606(BR)
- Park, Q-Han and H. J. Shin** — Systematic construction of multicomponent optical solitons. E **61**, 3093
- Parlitz, Ulrich** — (see Junge, Lutz) E **61**, 3736
- (see Kocarev, Ljupco) E **61**, 3716
- Parmananda, P.** — (see Escalona, J.) E **61**, 5987(BR)
- Parrondo, J. M.** — (see Buceta, J.) E **61**, 6287
- Pasch, E.** — (see Meyer, H.) E **61**, 4347
- Paschinger, Elisabeth and Gerhard Kahl** — Structure and thermodynamic properties of a binary liquid in a porous matrix: The formalism. E **61**, 5330
- Pasquino, N.** — (see Franceschetti, G.) E **61**, R2228
- Passot, Thierry** — (see Hagberg, Aric) E **61**, 6471
- Pastor, Juanma** — (see Buceta, Javier) E **61**, 6015(BR)
- Pastor-Satorras, Romualdo and Alessandro Vespignani** — Corrections to scaling in the forest-fire model. E **61**, 4854
- Patkowski, A., Th. Thurn-Albrecht, E. Banachowicz, W. Steffen, P. Bösecke, T. Narayanan, and E. W. Fischer** — Long-range density fluctuations in orthoterphenyl as studied by means of ultrasmall-angle x-ray scattering. E **61**, 6909
- Pato, M. P.** — Spontaneous symmetry breaking in $U(N)$ invariant ensembles with a soft confinement potential. E **61**, R3291
- Pattanayak, Deva N.** — (see Li, Xingde) E **61**, 4295
- Paul, Gerald, Sergey V. Buldyrev, Nikolay V. Dokholyan, Shlomo Havlin, Peter R. King, Youngki Lee, and H. Eugene Stanley** — Dependence of conductance on percolation backbone mass. E **61**, 3435
- Paulson, A.** — (see Pankratz, S.) E **61**, 6689
- Pavloff, N.** — (see Bogomolny, E.) E **61**, 3689
- Pavlov, Alexey N., Olga V. Sosnovtseva, Erik Mosekilde, and Vadim S. Anishchenko** — Extracting dynamics from threshold-crossing interspike intervals: Possibilities and limitations. E **61**, 5033
- Pavlov-Verevkin, B. V.** — (see Elyutin, P. V.) E **61**, 2579
- Pecha, R.** — (see Gompf, B.) E **61**, 5253
- Pechukas, Philip** — (see Tsonchev, Stefan) E **61**, 6171
- Pecora, Lou** — (see Fink, Kenneth S.) E **61**, 5080
- Pedersen, Niels Falsig** — (see Filatrella, Giovanni) E **61**, 2513
- Peffley, Nicholas L., A. B. Cawthorne, and Daniel P. Lathrop** — Toward a self-generating magnetic dynamo: The role of turbulence. E **61**, 5287
- Pelizzola, Alessandro** — Cluster-variation-Padé-approximant method for the simple cubic Ising model. E **61**, 4915
- Pelleg, Joshua** — (see Sinder, Misha) E **61**, 4935
- Pellegrini, Yves-Patrick and Marc Barthélémy** — Self-consistent effective-medium approximations with path integrals. E **61**, 3547
- Peñano, J. R.** — (see Sprangle, P.) E **61**, 4381
- Pencer, J. and F. R. Hallett** — Small-angle neutron scattering from large unilamellar vesicles: An improved method for membrane thickness determination. E **61**, 3003
- Peng, Weiqun and Paul M. Goldbart** — Renormalization-group approach to the vulcanization transition. E **61**, 3339
- Penna, T. J. P.** — (see Lima, A. R.) E **61**, 2267
- Perazzo, R., L. Romanelli, and R. Deza** — Fault tolerance in noise-enhanced propagation. E **61**, R3287
- Pereda, N., C. L. Folcia, J. Etxebarria, and J. Ortega** — Switching dynamics in homeotropic ferroelectric liquid crystals. E **61**, 2799
- Peredera, Anatoli** — (see Golubovic, Leonardo) E **61**, 1703
- Pereira, J. R. D., A. J. Palangana, A. M. Mansanares, E. C. da Silva, A. C. Bento, and M. L. Baesso** — Inversion in the change of the refractive index and memory effect near the nematic-isotropic phase transition in a lyotropic liquid crystal. E **61**, 5410
- Pérez, C. J.** — (see Arenas, A.) E **61**, 3466
- Perez, M., L. Salvo, M. Suéry, Y. Bréchet, and M. Papoular** — Contactless viscosity measurement by oscillations of gas-levitated drops. E **61**, 2669
- Pérez-Muñuzuri, Vicente** — (see Pérez-Villar, Vicente) E **61**, 3771
- Pérez-Villar, Vicente, Alberto P. Muñuzuri, and Vicente Pérez-Muñuzuri** — Convective structures in a two-layer gel-liquid excitable medium. E **61**, 3771
- Pergamenschchik, V. M.** — Spontaneous deformations of the uniform director ground state induced by the surfacelike elastic terms in a thin planar nematic layer. E **61**, 3936
- Persson, E.** — (see Šeba, P.) E **61**, 66
- Pertsov, Arkady M.** — (see Wellner, Marcel) E **61**, 1845
- Pesheva, Nina** — (see Brankov, Jordan) E **61**, 2300
- Peterlin, P.** — (see Kralj-Iglić, V.) E **61**, 4230
- Petitjeans, P.** — (see Essevaz-Roulet, B.) E **61**, 3743
- Petrucione, Francesco** — (see Breuer, Heinz-Peter) E **61**, 4883
- Pettersen, C.** — (see Veum, M.) E **61**, R2192
- Pettini, Giulio** — (see Franzosi, Roberto) E **61**, R3299
- Pettini, Marco** — (see Cerruti-Sola, Monica) E **61**, 5171
- (see Franzosi, Roberto) E **61**, R3299
- Pfirsch, D.** — (see Kull, H.-J.) E **61**, 5940
- Philipse, Albert P.** — (see Kluijtmans, Sebastiaan G. J. M.) E **61**, 626
- Piccioni, Marina, Vittorio Loreto, and Stéphane Roux** — Criticality of the “critical state” of granular media: Dilatancy angle in the Tetris model. E **61**, 2813
- Picco, Marco** — (see Jacobsen, Jesper Lykke) E **61**, R13
- Pichugin, K.** — (see Šeba, P.) E **61**, 66
- Pierre, Th.** — (see Klostermann, H.) E **61**, 7034
- Pikovsky, Arkady** — (see Zillmer, Rüdiger) E **61**, 332
- Pikuz, S. A.** — (see Chittenden, J. P.) E **61**, 4370

- Pinho, S. T. R.** — (see Haddad, T. A. S.) E **61**, 3330
- Pino, David, Isabel Mercader, and Marta Net** — Thermal and inertial modes of convection in a rapidly rotating annulus. E **61**, 1507
- Pinto, I. M.** — (see Franceschetti, G.) E **61**, R2228
- Pinto, Reynaldo D. and José C. Sartorelli** — Homoclinic tangency and chaotic attractor disappearance in a dripping faucet experiment. E **61**, 342
- Pipek, J.** — (see Csernai, L. P.) E **61**, 237
- Pisani, F.** — (see Batani, D.) E **61**, 5725
- Piscureanu, Mihai and Doina Manaila-Maximean** — Optical solitons in resonant and nonresonant nonlinear media in the presence of perturbations. E **61**, 880
- Pla, Oscar** — (see De Los Rios, Paolo) E **61**, 5620
- Place, C. M. and D. K. Arrowsmith** — Control of transient chaos in tent maps near crisis. I. Fixed point targeting. E **61**, 1357
- and **D. K. Arrowsmith** — Control of transient chaos in tent maps near crisis. II. Periodic orbit targeting. E **61**, 1369
- Plapp, Mathis** — (see Karma, Alain) E **61**, 3996
- Pleimling, M. and W. Selke** — Ising cubes with enhanced surface couplings. E **61**, 933(BR)
- Plyukhin, A. V. and K. S. Kim** — Discrete velocity random motion in an external field. E **61**, 3207(BR)
- Pociecha, D., M. Glogarová, E. Gorecka, and J. Mieczkowski** — Behavior of frustrated phase in ferroelectric and antiferroelectric liquid crystalline mixtures. E **61**, 6674
- Podgornik, R.** — (see Zihler, P.) E **61**, 5361
- Poelwijk, Frank J.** — (see Riese, Dirk O.) E **61**, 1676
- Politano, H.** — (see Gomez, T.) E **61**, 5321
- Politi, A.** — (see Hinrichsen, H.) E **61**, R1032
- Pollock, E. L.** — (see Militzer, Burkhard) E **61**, 3470
- Pommois, P.** — (see Zimbardo, G.) E **61**, 1940
- Pomyalov, A.** — (see L'vov, V. S.) E **61**, 2586
- Ponizovskaya, E. V.** — (see Osipov, V. V.) E **61**, 4603(BR)
- Ponno, Antonio, Luigi Galgani, and Francesco Guerra** — Analytical estimate of stochasticity thresholds in Fermi-Pasta-Ulam and φ^4 models. E **61**, 7081
- Poon, W. C. K.** — (see Meeker, S. P.) E **61**, R6083
- Popa-Nita, V.** — (see Barbero, G.) E **61**, 6696
- Popescu, G., C. Mujat, and A. Dogariu** — Evidence of scattering anisotropy effects on boundary conditions of the diffusion equation. E **61**, 4523
- Porrà, Josep M.** — (see Boguñá, Marián) E **61**, 6248
- Porte, G.** — (see Eiser, E.) E **61**, 6759
- Porto, D.** — (see Arena, P.) E **61**, 776
- Porto, Markus** — (see Ordemann, Anke) E **61**, 6858
- Pöschel, Thorsten** — (see Brilliantov, Nikolai V.) E **61**, 1716
- (see Brilliantov, Nikolai V.) E **61**, 2809
- (see Brilliantov, Nikolai V.) E **61**, 5573
- Potylitsyn, A. P., P. V. Karataev, and G. A. Naumenko** — Resonant diffraction radiation from an ultrarelativistic particle moving close to a tilted grating. E **61**, 7039
- Pouquet, A.** — (see Gomez, T.) E **61**, 5321
- Pozhar, Liudmila A.** — Structure and dynamics of nanofluids: Theory and simulations to calculate viscosity. E **61**, 1432
- Pracz, Krystian** — (see Janssen, Martin) E **61**, 6278
- Prandi, R.** — (see Boffetta, G.) E **61**, 4329
- Prants, S. V.** — Intermittency and dynamical chaos in reversible spontaneous emission. E **61**, 1386
- and **L. E. Kon'kov** — Homoclinic chaos in vacuum Rabi oscillations of moving two-level atoms. E **61**, 3632
- Prasad, A.** — (see Venkatesan, A.) E **61**, 3641
- Prasad, S. K.** — (see Spector, M. S.) E **61**, 3977
- Priezhev, V. B.** — (see Kítarev, D. V.) E **61**, 81
- Primak, S.** — Generation of compound non-Gaussian random processes with a given correlation function. E **61**, 100
- Procaccia, Itamar** — (see Arad, Itai) E **61**, 2654
- (see Kurien, Susan) E **61**, 407
- Pržulj, Željko** — (see Ivić, Zoran) E **61**, 6963
- Pugnaloni, Luis A. and Fernando Vericat** — Density expansion for particle-particle correlations in time-dependent physical clusters. E **61**, R6067
- Punnoose, Alexander** — (see Kolwankar, Kiran M.) E **61**, 2453
- Purwins, H.-G.** — (see Strümpel, C.) E **61**, 4899
- Putterman, S. J.** — (see Weninger, K. R.) E **61**, R1020
- Pyragas, K., F. Lange, T. Letz, J. Parisi, and A. Kittel** — Stabilization of an unstable steady state in intracavity frequency-doubled lasers. E **61**, 3721
- Qian, Tiezheng, Jae-Hoon Kim, Satyendra Kumar, and P. L. Taylor** — Phase-separated composite films: Experiment and theory. E **61**, 4007
- Qian, Yue-Hong and Shi-Yi Chen** — Dissipative and dispersive behaviors of lattice-based models for hydrodynamics. E **61**, 2712
- and **Ye Zhou** — Higher-order dynamics in lattice-based models using the Chapman-Enskog method. E **61**, 2103(BR)
- Qiu, X.-L., S. H. Yao, and P. Tong** — Large-scale coherent rotation and oscillation in turbulent thermal convection. E **61**, R6075
- Qu, Zhilin, James N. Weiss, and Alan Garfinkel** — From local to global spatiotemporal chaos in a cardiac tissue model. E **61**, 727
- Quesada-Pérez, M., J. Callejas-Fernández, and R. Hidalgo-Álvarez** — Ionic condensation theories and the liquidlike structures observed in colloidal dispersions. E **61**, 574
- Quinn, R. A. and J. Goree** — Single-particle Langevin model of particle temperature in dusty plasmas. E **61**, 3033
- Quiroga, R. Quian, J. Arnhold, and P. Grassberger** — Learning driver-response relationships from synchronization patterns. E **61**, 5142
- Rabinovitch, A.** — (see Landa, P. S.) E **61**, 1829
- Rabitz, Herschel** — (see Demiralp, Metin) E **61**, 2569
- (see Hu, Xu-Guang) E **61**, 2074
- (see Hu, Xu-Guang) E **61**, 5967
- Rácz, Z.** — (see Unger, T.) E **61**, 3583
- Radons, G.** — (see Stiller, J. C.) E **61**, 2148(C)
- Radtke, R., C. Biedermann, T. Fuchs, G. Fußmann, and P. Beiersdorfer** — Measurement of the radiative cooling rates for high-ionization species of krypton using an electron beam ion trap. E **61**, 1966
- Rah, Kyunil and Byung Chan Eu** — Errata: Relation of shear viscosity and self-diffusion coefficient for simple liquids [Phys. Rev. E **60**, 4105 (1999)]. E **61**, 3275(E)
- Rai, Renuka and Harjinder Singh** — Hysteresis studies in a noisy autoassociative neural network. E **61**, 968(BR)
- Räsänen, Vilho I.** — (see Seppälä, Eira T.) E **61**, 6312
- Raizen, M. G.** — (see Milner, V.) E **61**, 7223(BR)
- Rajesh, S. and G. Ananthakrishna** — Relaxation oscillations and negative strain rate sensitivity in the Portevin–Le Chatelier effect. E **61**, 3664
- Ramaswamy, R.** — (see Venkatesan, A.) E **61**, 3641
- Ramaswamy, Sriram** — (see Acharyya, Muktiish) E **61**, 1139
- (see Lahiri, Rangan) E **61**, 1648
- Ramazza, P. L.** — (see Bragard, J.) E **61**, R6045
- Ramos, A.** — (see González, A.) E **61**, 4019
- (see Green, N. G.) E **61**, 4011
- Ramshaw, John D.** — Effect of slow compression on the linear stability of an accelerated shear layer. E **61**, 1486
- Simple model for mixing at accelerated fluid interfaces with shear and compression. E **61**, 5339
- Rangarajan, Govindan and Mingzhou Ding** — Integrated approach to the assessment of long range correlation in time series data. E **61**, 4991
- Rao, Madan** — (see Sengupta, Surajit) E **61**, 1072
- Rapapa, N. P.** — Effect of shear on phase-ordering dynamics with order-parameter-dependent mobility: The large- n limit. E **61**, 247
- Rapaport, D. C.** — (see Hirshfeld, D.) E **61**, R21

- Rarity, J. G.** — (see Amos, R. M.) E **61**, 2929
- Rasing, Th.** — (see Drevenšek Olenik, I.) E **61**, R3310
 — (see Škarabot, M.) E **61**, 3961
- Rasmussen, K. Ø.** — (see Kevrekidis, P. G.) E **61**, 2006
 — (see Kevrekidis, P. G.) E **61**, 4652(BR)
- Rastegar, A.** — (see Drevenšek Olenik, I.) E **61**, R3310
 — (see Škarabot, M.) E **61**, 3961
- Ratna, B. R.** — (see Spector, M. S.) E **61**, 3977
- Ravasz, E.** — (see Neda, Z.) E **61**, 6987
- Ravoux, J. F., S. Le Dizès, and P. Le Gal** — Stability analysis of plane wave solutions of the discrete Ginzburg-Landau equation. E **61**, 390
- Ray, Deb Shankar** — (see Bag, Bidhan Chandra) E **61**, 3223(BR)
- Ré, Miguel A. and Carlos E. Buddie** — Diffusion-mediated reactions with a time-dependent absorption rate. E **61**, 1110
- Rector, David R.** — (see Palmer, Bruce J.) E **61**, 5295
- Reeh, Achim** — (see Grossmann, Siegfried) E **61**, 5195
- Regnaut, C.** — (see Clément-Cottuz, J.) E **61**, 1692
- Rego-Monteiro, M. A.** — (see Curado, E. M. F.) E **61**, 6255
- Rehberg, Ingo** — (see Scherer, Michael A.) E **61**, 4069
- Reibold, Ekkehard** — (see Just, Wolfram) E **61**, 5045
- Reimann, Bert** — (see Lange, Adrian) E **61**, 5528
- Reimann, Peter** — (see Kettner, Christiane) E **61**, 312
- Reineker, P.** — (see Hofmann, T.) E **61**, 2840
- Reinhard, J., W. Dieterich, P. Maass, and H. L. Frisch** — Density correlations in lattice gases in contact with a confining wall. E **61**, 422
- Reiter, Eerik** — (see Mankin, Romi) E **61**, 6359
- Ren, Yong** — (see Yuan, Jian) E **61**, 1067
- Resendes, D. P.** — Dipolar interaction in a colloidal plasma. E **61**, 793
- Rey, Alejandro D.** — Viscoelastic theory for nematic interfaces. E **61**, 1540
 — Mechanical theory of structural disjoining pressure in liquid crystal films. E **61**, 4632(BR)
- Reza Rahimi Tabar, M.** — (see Davoudi, Jahanshah) E **61**, 6563
- Rica, S.** — (see Barra, F.) E **61**, 5852
- Riccardi, Juri** — (see Annunziato, Mario) E **61**, 4801
- Ricci-Tersenghi, Federico** — (see Franz, Silvio) E **61**, 1121
- Rice, J. E.** — (see May, M. J.) E **61**, 3042
- Rice, Stuart** — (see Marcus, Andrew H.) E **61**, 7260(E)
- Rice, Stuart A.** — (see Karnchanaphanurach, Pallop) E **61**, 4036
 — (see Zangi, Ronen) E **61**, 660
 — (see Zangi, Ronen) E **61**, 671
- Richert, R.** — (see Bauer, C.) E **61**, 1755
- Richert, Ranko** — (see Wendt, Hauke) E **61**, 1722
- Richter, A. G., C.-J. Yu, A. Datta, J. Kmetko, and P. Dutta** — *In situ* and interrupted-growth studies of the self-assembly of octadecyltrichlorosilane monolayers. E **61**, 607
- Richter, Klaus** — (see Yevtushenko, Oleg) E **61**, 7215(BR)
- Richter, Reinhard** — (see Lange, Adrian) E **61**, 5528
- Riese, Dirk O., Willem L. Vos, Gerard H. Wegdam, Frank J. Poelwijk, Douglas L. Abernathy, and Gerhard Grübel** — Photon correlation spectroscopy: X rays versus visible light. E **61**, 1676
- Ringhofer, K. H., V. P. Kamenov, B. I. Sturman, and A. Chernykh** — Shaping of photorefractive two-wave coupling by fast phase modulation. E **61**, 2029
- Roagna, D.** — (see Boffetta, G.) E **61**, 3234(BR)
- Roberson, C. W.** — (see Hafizi, B.) E **61**, 5779
- Robson, R. E.** — Diffusion cooling in a magnetic field. E **61**, 848
- Rogachevskii, Igor and Nathan Kleeorin** — Electromotive force for an anisotropic turbulence: Intermediate nonlinearity. E **61**, 5202
 — (see Elperin, Tov) E **61**, 2617
- Rohlena, K.** — (see Isakov, A. B.) E **61**, 842
- Rohr, K. P.** — (see Thum-Jaeger, Andrea) E **61**, 3063
- Román, Francisco L., Matthias Schmidt, and Hartmut Löwen** — Colloidal particles in emulsions. E **61**, 5445
- Roman, H. Eduardo** — (see Ordemann, Anke) E **61**, 6858
- Romanelli, L.** — (see Perazzo, R.) E **61**, R3287
- Rondoni, Lamberto, Tamás Tél, and Jürgen Vollmer** — Fluctuation theorems for entropy production in open systems. E **61**, R4679
- Roper, Peter** — (see Morse, Robert P.) E **61**, 5683
- Rosa, Epaminondas, Jr.** — (see Baptista, Murilo S.) E **61**, 3590
- Rosanov, N. N.** — (see Fedorov, S. V.) E **61**, 5814
- Rose, Michael** — (see Lu, Wentao) E **61**, 3652
- Rose, S.** — (see Batani, D.) E **61**, 5725
- Rosen, Amir** — (see Fischer, Baruch) E **61**, R4694
- Rosen, M.** — (see Essevaz-Roulet, B.) E **61**, 3743
- Rosenfeld, Y.** — (see Malescio, G.) E **61**, 4090
- Rosner, R.** — (see Young, Y.) E **61**, 2676
- Rossberg, Axel G., Nándor Éber, Ágnes Buka, and Lorenz Kramer** — Abnormal rolls and regular arrays of disclinations in homeotropic electroconvection. E **61**, R25
 — (see Huh, Jong-Hoon) E **61**, 2769
- Rößler, U. K. and H. Teichler** — Molecular dynamics simulations of supercooled and amorphous $\text{Co}_{100-x}\text{Zr}_x$: Atomic mobilities and structural properties. E **61**, 394
- Roters, L., S. Lübeck, and K. D. Usadel** — Reply to “Comment on ‘Critical behavior of a traffic flow model’”. E **61**, 3272(C)
- Roth, J. and A. R. Denton** — Solid-phase structures of the Dzugutov pair potential. E **61**, 6845
- Roth, S.** — (see Wuttke, J.) E **61**, 2730
- Rotter, I.** — (see Šeba, P.) E **61**, 66
- Rousse, A.** — (see Schnürer, M.) E **61**, 4394
- Rousseaux, C.** — (see Amiranoff, F.) E **61**, 1949
- Roux, Jean-Noël** — Geometric origin of mechanical properties of granular materials. E **61**, 6802
- Roux, Stéphane** — (see Piccioni, Marina) E **61**, 2813
 — (see Simonsen, Inge) E **61**, 5914
- Ruban, V. P.** — (see Kuznetsov, E. A.) E **61**, 831
- Rubia, F. Javier de la** — (see Buceta, Javier) E **61**, 6015(BR)
- Rubinstein, Boris Y.** — (see Nekhamkina, Olga A.) E **61**, 2436
- Rubinstein, I. and B. Zaltzman** — Diffusional mechanism of strong selection in Ostwald ripening. E **61**, 709
- Rubio, Miguel A.** — (see Buceta, Javier) E **61**, 6015(BR)
 — (see Martin, Teresa) E **61**, 6120
 — (see Melle, Sonia) E **61**, 4111
- Rubtsov, A. N., J. Hlinka, and T. Janssen** — Crossover between a displacive and an order-disorder phase transition. E **61**, 126
- Ruckenstein, Eli** — (see Zhou, Shiqi) E **61**, 2704
- Rüdinger, Andreas** — (see Sire, Clément) E **61**, 1258
- Rufflé, B.** — (see Wuttke, J.) E **61**, 2730
- Ruiz-Camacho, J.** — (see Chittenden, J. P.) E **61**, 4370
- Rull, Luis F.** — (see Davies, Lowri A.) E **61**, 2245
- Rundle, John B., W. Klein, Kristy Tiampo, and Susanna Gross** — Linear pattern dynamics in nonlinear threshold systems. E **61**, 2418
- Ruocco, G.** — (see Angelani, L.) E **61**, 1681
- Ruslim, Christian** — (see Komitov, Lachezar) E **61**, 5379
- Ruzic, David N.** — (see Wang, Zhehui) E **61**, 1904
- Ryutov, Dmitri D.** — (see Lazzaro, Enzo) E **61**, 3069
- Rzoska, Sylwester J., Aleksandra Drozd-Rzoska, and Jerzy Ziolo** — Dynamics of critical fluctuations in a binary mixture of limited miscibility under a strong electric field. E **61**, 960(BR)
 — (see Drozd-Rzoska, Aleksandra) E **61**, 5349
 — (see Drozd-Rzoska, Aleksandra) E **61**, 5355
- Saad, David** — (see Kanter, Ido) E **61**, 2137(BR)
- Saakian, D. B.** — Random energy model at complex temperatures. E **61**, 6132
- Sachtjen, M. L., B. A. Carreras, and V. E. Lynch** — Disturbances in a power transmission system. E **61**, 4877
- Sackmann, Erich** — (see Bruinsma, Robijn) E **61**, 4253
 — (see Schmidt, Frank G.) E **61**, 5646
- Saha, Bijan** — (see Dubovik, V. M.) E **61**, 7087
- Sahimi, Muhammad** — (see Knackstedt, Mark A.) E **61**, 4920
- Saito, K., S. Takesue, and S. Miyashita** — Energy transport in the integrable system in contact with various types of phonon reservoirs. E **61**, 2397

- Sakaguchi, Hidetsugu** — Phase transition in globally coupled Rössler oscillators. E **61**, 7212(BR)
- Salerno, Mario** — (see Pankratov, Andrey L.) E **61**, 1206
- Salinas, David G.** — (see Kondev, Jané) E **61**, 104
- Salinas, S. R.** — (see Haddad, T. A. S.) E **61**, 3330
- Salmon, E., M. Ausloos, and N. Vandewalle** — Erratum: Aging of porous media following fluid invasion, freezing, and thawing [Phys. Rev. E **55**, R6348 (1997)]. E **61**, 7259(E)
- Saltzer, Markus and Hans A. Weidenmüller** — Localization of light in disordered dielectrics: An approach based on spectral statistics. E **61**, 5918
- Salvati, M.** — (see Amiranoff, F.) E **61**, 1949
- Salvo, L.** — (see Perez, M.) E **61**, 2669
- Sá Martins, J. S.** — Simulated coevolution in a mutating ecology. E **61**, R2212
- Sambles, J. R.** — (see Hallam, B. T.) E **61**, 6699
— (see Hibbins, A. P.) E **61**, 5900
- Sammut, Rowland A.** — (see Alexander, Tristram J.) E **61**, 2042
- Samsonov, D., J. Goree, H. M. Thomas, and G. E. Morfill** — Mach cone shocks in a two-dimensional Yukawa solid using a complex plasma. E **61**, 5557
— (see Konopka, U.) E **61**, 1890
- Sánchez-Morcillo, Víctor J. and Kestutis Staliunas** — Role of pump diffraction on the stability of localized structures in degenerate optical parametric oscillators. E **61**, 7076
- Sancho, Pedro** — Turbulent crossed fluxes in incompressible flows. E **61**, 2111(BR)
- Sandner, W.** — (see Schnürer, M.) E **61**, 4394
- Sandstede, Björn** — (see Yew, Alice C.) E **61**, 5886
- San Miguel, Maxi** — (see Gallego, Rafa) E **61**, 2241
— (see Taki, Majid) E **61**, 2133(BR)
- Sano, Mitsusada M.** — Equilibrium and stationary nonequilibrium states in a chain of colliding harmonic oscillators. E **61**, 1144
- Santagiustina, Marco** — (see Taki, Majid) E **61**, 2133(BR)
- Santen, L.** — (see Chowdhury, D.) E **61**, 3270(C)
- Santini, P.** — Lévy scaling in random walks with fluctuating variance. E **61**, 93
- Santos, Janilo** — (see Lima, J. A. S.) E **61**, 3260(BR)
- Santos, M.** — Short-time critical dynamics for the transverse Ising model. E **61**, 7204(BR)
- Saraceno, Marcos** — (see Simonotti, Fernando P.) E **61**, 6527
- Sarkar, P. K. and Maitreyee Nandy** — Concepts in computation of preequilibrium neutron emission from heavy ion reactions. E **61**, 7161
- Sarkisov, L. and P. A. Monson** — Computer simulations of phase equilibrium for a fluid confined in a disordered porous structure. E **61**, 7231(BR)
- Sartorelli, José C.** — (see Pinto, Reynaldo D.) E **61**, 342
- Sasaki, A.** — (see Zhidkov, A.) E **61**, R2224
- Sasamoto, Tomohiro** — One-dimensional partially asymmetric simple exclusion process on a ring with a defect particle. E **61**, 4980
- Sasorov, Pavel V.** — (see Meerson, Baruch) E **61**, 1403
- Sato, Aki-Hiro, Hideki Takayasu, and Yasuji Sawada** — Invariant power law distribution of Langevin systems with colored multiplicative noise. E **61**, 1081
- Savin, A. V. and L. I. Manevitch** — Solitons in spiral polymeric macromolecules. E **61**, 7065
— (see Zolotaryuk, A. V.) E **61**, 3256(BR)
- Sawada, Isao** — (see Kim, Jangil) E **61**, R2172
- Sawada, Yasuji** — (see Hayakawa, Yoshinori) E **61**, 5091
— (see Sato, Aki-Hiro) E **61**, 1081
- Saxena, A.** — (see Jiang, Y.) E **61**, R57
- Schacht, J., P. Zugenmaier, M. Buivydas, L. Komitov, B. Stebler, S. T. Lagerwall, F. Gouda, and F. Horii** — Intermolecular and intramolecular reorientations in nonchiral smectic liquid-crystalline phases studied by broadband dielectric spectroscopy. E **61**, 3926
- Schächter, L.** — (see Banna, S.) E **61**, 4445
- Schack, Rüdiger** — (see Soklakov, Andrei N.) E **61**, 5108
- Schadschneider, A.** — (see Chowdhury, D.) E **61**, 3270(C)
- Schäffer, Erik and Po-zen Wong** — Contact line dynamics near the pinning threshold: A capillary rise and fall experiment. E **61**, 5257
- Schäpers, B.** — (see Logvin, Yu. A.) E **61**, 4622(BR)
- Scherer, Michael A., Karsten Kötter, Mario Markus, Eric Goles, and Ingo Rehberg** — Swirling granular solidlike clusters. E **61**, 4069
- Schick, M.** — (see Tsori, Yoav) E **61**, 2848
- Schimansky-Geier, Lutz** — (see Lindner, Benjamin) E **61**, 6103
- Schirdewan, Alexander** — (see Wessel, Niels) E **61**, 733
- Schirmacher, Walter** — (see Eichengrün, Markus) E **61**, 382
- Schliecker, G. and R. Neubecker** — Voronoi analysis of the breakdown of order in spontaneous optical spot patterns. E **61**, R997
- Schmidt, David M.** — Continuous probability distributions from finite data. E **61**, 1052
- Schmidt, Frank G., Bernhard Hinner, and Erich Sackmann** — Microrheometry underestimates the values of the viscoelastic moduli in measurements on *F*-actin solutions compared to macrorheometry. E **61**, 5646
- Schmidt, Matthias** — (see Román, Francisco L.) E **61**, 5445
- Schmit, C.** — (see Bogomolny, E.) E **61**, 3689
- Schmittbuhl, Jean, Alex Hansen, Harold Auradou, and Knut Jørgen Måløy** — Geometry and dynamics of invasion percolation with correlated buoyancy. E **61**, 3985
- Schmittmann, B., H. K. Janssen, U. C. Täuber, R. K. P. Zia, K.-t. Leung, and J. L. Cardy** — Viability of competing field theories for the driven lattice gas. E **61**, 5977(BR)
— (see Thies, M.) E **61**, 184
- Schmittmann, Beate** — (see Triampo, Wannapong) E **61**, 2386
- Schmüser, Frank, Wolfram Just, and Holger Kantz** — Relation between coupled map lattices and kinetic Ising models. E **61**, 3675
- Schneider, U.** — (see Wuttke, J.) E **61**, 2730
- Schnürer, M., R. Nolte, A. Rousse, G. Grillon, G. Cheriaux, M. P. Kalachnikov, P. V. Nickles, and W. Sandner** — Dosimetric measurements of electron and photon yields from solid targets irradiated with 30 fs pulses from a 14 TW laser. E **61**, 4394
- Schofield, Jeremy** — (see Marcus, Andrew H.) E **61**, 7260(E)
- Schöll, E.** — (see Carpio, A.) E **61**, 4866
- Schöll, Eckehard** — (see Meixner, Matthias) E **61**, 1382
- Schöllmann, J. and A. P. Mayer** — Stability analysis for extended models of gap solitary waves. E **61**, 5830
- Schor, Ricardo S. and Michael O'Carroll** — Excitations for lattice ferromagnetic classical spin systems at high temperature: Noneven single-spin distributions. E **61**, 6156
- Schorghofer, Norbert** — Universality of probability distributions among two-dimensional turbulent flows. E **61**, 6568
— Energy spectra of steady two-dimensional turbulent flows. E **61**, 6572
- Schotte, Klaus-Dieter** — (see Nurdin, Wira Bahari) E **61**, 3579
- Schram, D. C.** — (see van der Heijden, H. W. P.) E **61**, 4402
- Schumacher, Jörg and Norbert Seehafer** — Bifurcation analysis of the plane sheet pinch. E **61**, 2695
- Schürer, F.** — (see Hanser, F.) E **61**, 2065
- Schwabian, Ira B., Ioana Triandaf, Joseph M. Starobin, and Yuri B. Chernyak** — Origin of quasiperiodic dynamics in excitable media. E **61**, 7208(BR)
— (see Triandaf, Ioana) E **61**, 3601
- Schwarz, Udo** — (see Timmer, Jens) E **61**, 1342
- Schwarzer, Stefan** — (see Höfler, Kai) E **61**, 7146
- Sear, Richard P.** — Absence of the liquid phase when the attraction is not pairwise additive. E **61**, 651
— Fluid-fluid transitions of hard spheres with a very-short-range attraction. E **61**, 6019(BR)
- Seba, P., I. Rotter, M. Müller, E. Persson, and K. Pichugin** — Collective modes in an open microwave billiard. E **61**, 66
- Sebastian, K. L.** — Molecular ratchets: Verification of the principle of detailed balance and the second law of dynamics. E **61**, 937(BR)
— Kink motion in the barrier crossing of a chain molecule. E **61**, 3245(BR)
- Seehafer, Norbert** — (see Schumacher, Jörg) E **61**, 2695

- Segev, Mordechai** — (see Soljacic, Marin) E **61**, R1048
- Sekimoto, Ken** — (see Meerson, Baruch) E **61**, 1403
- Selinger, J. V.** — (see Spector, M. S.) E **61**, 3977
- Selke, W.** — (see Pleimling, M.) E **61**, 933(BR)
- Semenov, V. E.** — (see Dorozhkina, D. S.) E **61**, 3058
- Sen, Samik, Siddhartha Sen, James C. Sexton, and David H. Adams** — Geometric discretization scheme applied to the Abelian Chern-Simons theory. E **61**, 3174
- Sen, Siddhartha** — (see Sen, Samik) E **61**, 3174
- Sengupta, Surajit, Peter Nielaba, and K. Binder** — Elastic moduli, dislocation core energy, and melting of hard disks in two dimensions. E **61**, 6294
- , **Peter Nielaba, Madan Rao, and K. Binder** — Elastic constants from microscopic strain fluctuations. E **61**, 1072
- Sentoku, Y.** — (see Sheng, Z.-M.) E **61**, 4362
- Seppälä, Eira T., Vilho I. Räisänen, and Mikko J. Alava** — Scaling of interfaces in brittle fracture and perfect plasticity. E **61**, 6312
- Sette, F.** — (see Liao, C. Y.) E **61**, 1518
- Seve, Emmanuel, Guy Millot, and Stefano Trillo** — Strong four-photon conversion regime of cross-phase-modulation-induced modulational instability. E **61**, 3139
- Sexton, James C.** — (see Sen, Samik) E **61**, 3174
- Shalloway, David** — (see Gans, Jason) E **61**, 4587
- Shamir, Maoz and Haim Sompolinsky** — Thouless-Anderson-Palmer equations for neural networks. E **61**, 1839
- Shan, Xiuming** — (see Yuan, Jian) E **61**, 1067
- Shao, Cheng-Gang** — (see Liu, Zhong-Zhu) E **61**, 2089(BR)
- Shashidhar, R.** — (see Spector, M. S.) E **61**, 1579
- (see Spector, M. S.) E **61**, 3977
- Sheehan, D. P.** — Reply to “Comment on ‘Dynamically maintained steady-state pressure gradients’ ”. E **61**, 4662(C)
- Sheintuch, Moshe** — (see Nekhamkina, Olga A.) E **61**, 2436
- Shelkovenko, T. A.** — (see Chittenden, J. P.) E **61**, 4370
- Sheng, Yu-Jane, Pik-Yin Lai, and Heng-Kwong Tsao** — Deformation of a stretched polymer knot. E **61**, 2895
- Sheng, Z. M.** — (see Yu, Wei) E **61**, R2220
- Sheng, Z.-M., K. Mima, Y. Sentoku, and K. Nishihara** — Parametric instabilities of intense lasers from interaction with relativistic hot plasmas. E **61**, 4362
- Shepherd, T. J.** — (see Amos, R. M.) E **61**, 2929
- Sheppard, Adrian P.** — (see Knackstedt, Mark A.) E **61**, 4920
- Sher, E. M.** — (see Litvak, A. G.) E **61**, 891
- Shermenev, A. and M. Shermeneva** — Long periodic waves on an even beach. E **61**, 6000(BR)
- Shermeneva, M.** — (see Shermenev, A.) E **61**, 6000(BR)
- Sheu, S.-Y.** — (see Makhnovskii, Yu. A.) E **61**, 6302
- Shibuya, Hirohisa** — (see Okuzono, Tohru) E **61**, 4100
- Shigenari, T.** — (see Dmitriy, S. V.) E **61**, 5880
- Shiino, Masatoshi** — (see Yoshioaka, Masahiko) E **61**, 4732
- Shin, H. J.** — (see Park, Q-Han) E **61**, 3093
- Shin, Kook Joe** — (see Kim, Hyojoon) E **61**, 3426
- Shipman, Patrick** — (see Goriely, Alain) E **61**, 4508
- Shiwa, Y.** — Hydrodynamic interactions in microphase separation of block copolymer films: Stability and spirals. E **61**, 2924
- Shore, K. A.** — (see Sivaprakasam, S.) E **61**, 5997(BR)
- Shorlin, Kelly A., John R. de Bruyn, Malcolm Graham, and Stephen W. Morris** — Development and geometry of isotropic and directional shrinkage-crack patterns. E **61**, 6950
- Shou, Zhenyu and Amitabha Chakrabarti** — Ordering of viscous liquid mixtures under a steady shear flow. E **61**, R2200
- Showalter, Kenneth** — (see Jung, Peter) E **61**, 2095(BR)
- Shpyrko, Serge** — (see Mingaleev, Serge F.) E **61**, 4454
- Shuai, J. W.** — (see Chen, J. Y.) E **61**, 2559
- Shuang, Feng, Chen Yang, Houyu Zhang, and YiJing Yan** — Cooperativity and resonances in periodically driven spin-boson systems. E **61**, 7192(BR)
- Shukla, P. K.** — Dust acoustic wave in a thermal dusty plasma. E **61**, 7249(BR)
- (see Vranješ, J.) E **61**, 7009
- Shutov, A.** — (see Tahir, N. A.) E **61**, 1975
- Shvarts, D.** — (see Haran, O.) E **61**, 6183
- Shvarts, F. M.** — (see Fomenko, V. N.) E **61**, 1990
- Shvarts, M. A.** — (see Fomenko, V. N.) E **61**, 1990
- Sieniutycz, Stanislaw** — Erratum: Thermodynamic framework for discrete optimal control in multiphase flow systems [Phys. Rev. E **60**, 1520 (1999)]. E **61**, 2155(E)
- Sillescu, H.** — (see Bauer, C.) E **61**, 1755
- Silva, R., Jr.** — (see Lima, J. A. S.) E **61**, 3260(BR)
- Simões, M., A. J. Palangana, and A. E. Gonçalves** — Radial fluctuations and nonisotropic disclinations in nematic liquid crystals. E **61**, 6007(BR)
- Simonotti, Fernando P. and Marcos Saraceno** — Fredholm methods for billiard eigenfunctions in the coherent state representation. E **61**, 6527
- Simonsen, Ingve, Damien Vandembroucq, and Stéphane Roux** — Wave scattering from self-affine surfaces. E **61**, 5914
- Sinder, Misha and Joshua Pelleg** — Crossover from nonclassical to classical chemical kinetics in an initially separated $A+B \leftrightarrow C$ reaction-diffusion system with arbitrary diffusion constants. E **61**, 4935
- Singh, A. P.** — (see Götze, W.) E **61**, 6934
- Singh, Harjinder** — (see Rai, Renuka) E **61**, 968(BR)
- Sinha, B. K.** — (see Thum-Jaeger, Andrea) E **61**, 3063
- Sire, Clément and Pierre-Henri Chavanis** — Numerical renormalization group of vortex aggregation in two-dimensional decaying turbulence: The role of three-body interactions. E **61**, 6644
- , **Satya N. Majumdar, and Andreas Rüdinger** — Analytical results for random walk persistence. E **61**, 1258
- Sirko, L.** — (see Hlushchuk, Y.) E **61**, 366
- Sivaprakasam, S. and K. A. Shore** — Critical signal strength for effective decoding in diode laser chaotic optical communications. E **61**, 5997(BR)
- Škarabot, M., R. Blinc, I. Mušević, A. Rastegar, and Th. Rasing** — Lifshitz point in the phase diagram of a ferroelectric liquid crystal in an external magnetic field. E **61**, 3961
- Skigin, Diana C.** — (see Depine, Ricardo A.) E **61**, 4479
- Slater, Paul B.** — High-temperature expansions of Bures and Fisher information priors. E **61**, 6087
- Slattery, W. L.** — (see Baiko, D. A.) E **61**, 1912
- Sloot, P. M. A.** — (see Clague, D. S.) E **61**, 616
- Small, Michael** — (see Yu, Dejin) E **61**, 3750
- Smirnov, A. G.** — (see Vlasov, R. A.) E **61**, 5808
- Snyder, S. C., D. M. Crawford, and J. R. Fincke** — Dependence on the scattering angle of the electron temperature and electron density in Thomson-scattering measurements on an atmospheric-pressure plasma jet. E **61**, 1920
- , **D. M. Crawford, and J. R. Fincke** — Erratum: Dependence on the scattering angle of the electron temperature and electron density in Thomson-scattering measurements on an atmospheric-pressure plasma jet [Phys. Rev. E **61**, 1920 (2000)]. E **61**, 7261(E)
- Socol, S. M.** — (see Tremblay, L.) E **61**, 656
- Soen, Yoav and Erez Braun** — Scale-invariant fluctuations at different levels of organization in developing heart cell networks. E **61**, R2216
- Soklakov, Andrei N. and Rüdiger Schack** — Classical limit in terms of symbolic dynamics for the quantum baker’s map. E **61**, 5108
- Sokoloff, Dmitry** — (see Elperin, Tov) E **61**, 2617
- Sokolov, I. M., J. Klafter, and A. Blumen** — Ballistic versus diffusive pair dispersion in the Richardson regime. E **61**, 2717
- Sokolov, Igor M.** — (see Handge, Ulrich A.) E **61**, 3216(BR)
- Sokolov, V. V., O. V. Zhirov, D. Alonso, and G. Casati** — Quantum resonances and regularity islands in quantum maps. E **61**, 5057
- Sokolowski, Stefan** — (see Henderson, Douglas) E **61**, 3896
- Soljacic, Marin, Mordechai Segev, and Curtis R. Menyuk** — Self-similarity and fractals in soliton-supporting systems. E **61**, R1048
- Sompolinsky, Haim** — (see Shamir, Maoz) E **61**, 1839
- Sonnet, André M. and Epifanio G. Virga** — Dilution of nematic surface potentials: Statics. E **61**, 5401
- Sosnovtseva, O. V.** — (see Vadivasova, T. E.) E **61**, 4618(BR)
- Sosnovtseva, Olga V.** — (see Pavlov, Alexey N.) E **61**, 5033

- Soto Bustamante, E. A.** — (see Link, D. R.) E **61**, R37
- Sotolongo-Costa, Oscar** — (see Vázquez, Alexei) E **61**, 944(BR)
- Soukoulis, C. M.** — (see Lidorikis, E.) E **61**, 5825
- Soustov, P. L.** — (see Ezersky, A. B.) E **61**, 2107(BR)
- Spadacini, R.** — (see Ferrando, R.) E **61**, 6344
- Spanjers, J. J.** — (see Kappen, H. J.) E **61**, 5658
- Spector, M. S., P. A. Heiney, J. Naciri, B. T. Weslowski, D. B. Holt, and R. Shashidhar** — Electroclinic liquid crystals with large induced tilt angle and small layer contraction. E **61**, 1579
- , **S. K. Prasad, B. T. Weslowski, R. D. Kamien, J. V. Selinger, B. R. Ratna, and R. Shashidhar** — Chiral twisting of a smectic-A liquid crystal. E **61**, 3977
- Spiller, P.** — (see Tahir, N. A.) E **61**, 1975
- Spineanu, F.** — (see Vlad, M.) E **61**, 3023
- Sprangle, P., B. Hafizi, and J. R. Peñano** — Laser pulse modulation instabilities in plasma channels. E **61**, 4381
- (see Hafizi, B.) E **61**, 5779
- (see Moore, C. I.) E **61**, 788
- Spruijt, Willem** — (see Storm, Cornelis) E **61**, R6063
- Srednicki, Mark** — (see Hortikar, Sanjay) E **61**, R2180
- Sreenivasan, K. R.** — (see Kurien, Susan) E **61**, 407
- Sridhar, S.** — (see Lu, Wentao) E **61**, 3652
- Stadler, P. F.** — (see Campos, P. R. A.) E **61**, 2996
- Stafiej, J., D. di Caprio, and J. P. Badiali** — Desorption transition at charged interfaces: Theoretical approach and experimental evidence. E **61**, 3877
- Staliunas, Kestutis** — (see Sánchez-Morcillo, Víctor J.) E **61**, 7076
- Stamatescu, L.** — (see Hill, T.) E **61**, R4718
- Stan, G.** — (see Curtarolo, S.) E **61**, 1670
- Stanislavsky, A. A.** — Memory effects and macroscopic manifestation of randomness. E **61**, 4752
- Stanley, H. E.** — (see Barthélemy, M.) E **61**, R3283
- Stanley, H. Eugene** — (see Grosse, Ivo) E **61**, 5624
- Stark, H.** — (see Borštnik, A.) E **61**, 2831
- (see Englert, J.) E **61**, 2759
- Starobin, Joseph M.** — (see Schwartz, Ira B.) E **61**, 7208(BR)
- Stasiak, Andrzej** — (see Katritch, Vsevolod) E **61**, 5545
- Stebler, B.** — (see Schacht, J.) E **61**, 3926
- Steck, D. A.** — (see Milner, V.) E **61**, 7223(BR)
- Stedile, E.** — Erratum: Spin of Dirac's relativistic membrane [Phys. Rev. E **59**, 6286 (1999)]. E **61**, 4666(E)
- Steele, W. A.** — (see Curtarolo, S.) E **61**, 1670
- Steffen, W.** — (see Patkowski, A.) E **61**, 6909
- Stein, N. D.** — (see Arrayás, M.) E **61**, 139
- Steinberg, M., W. Ebeling, and J. Ortner** — Second virial coefficient for the Landau diamagnetism of a two-component plasma. E **61**, 2290
- Steinberg, V.** — (see Konopka, U.) E **61**, 1890
- Stella, Attilio L.** — (see Montevicchi, Emma) E **61**, 293
- Stenflo, L.** — (see Ostrikov, K. N.) E **61**, 782
- Stenull, O.** — (see Janssen, H. K.) E **61**, 4821
- Stewart, A. D.** — (see Hobbie, E. K.) E **61**, 5540
- Steytler, D. C.** — (see Triolo, R.) E **61**, 4640(BR)
- Stilck, J. F., C. E. Cordeiro, and R. L. P. G. do Amaral** — Semiflexible polymer on an anisotropic Bethe lattice. E **61**, 5520
- Stiller, J. C. and G. Radons** — Self-averaging of an order parameter in randomly coupled limit-cycle oscillators. E **61**, 2148(C)
- Stillinger, Frank H.** — (see Kohen, Daniela) E **61**, 1176
- Stinchcombe, R. B.** — (see Grynberg, M. D.) E **61**, 324
- Stöckmann, H.-J.** — (see Hlushchuk, Y.) E **61**, 366
- Storm, Cornelis, Willem Spruijt, Ute Ebert, and Wim van Saarloos** — Universal algebraic relaxation of velocity and phase in pulled fronts generating periodic or chaotic states. E **61**, R6063
- Stošić, Borko D., M. A. F. Gomes, and Sadhan K. Adhikari** — Quantum tunneling fragmentation model. E **61**, 6111
- Strasburg, Sean and Ronald C. Davidson** — Production of halo particles by excitation of collective modes in high-intensity charged particle beams. E **61**, 5753
- Strogatz, Steven H.** — (see Yeung, M. K. Stephen) E **61**, 2154(E)
- Strottman, D. D.** — (see Csernai, L. P.) E **61**, 237
- Stroud, D.** — (see Kulkarni, R. V.) E **61**, 4268
- Strümpel, C., Yu. A. Astrov, E. Ammelt, and H.-G. Purwins** — Dynamics of zigzag destabilized solitary stripes in a dc-driven pattern-forming semiconductor gas-discharge system. E **61**, 4899
- Sturman, B. I.** — (see Ringhofer, K. H.) E **61**, 2029
- Succi, S.** — (see Bernaschi, M.) E **61**, 1851
- Suéry, M.** — (see Perez, M.) E **61**, 2669
- Sukhorukov, Andrey A.** — Approximate solutions and scaling transformations for quadratic solitons. E **61**, 4530
- and **Nail N. Akhmediev** — Multisoliton complexes on a background. E **61**, 5893
- Sun, Chenghai** — Adaptive lattice Boltzmann model for compressible flows: Viscous and conductive properties. E **61**, 2645
- Svensén, M.** — (see Hutt, A.) E **61**, R4691
- Swamy, P. Narayana** — (see Lavagno, A.) E **61**, 1218
- Swanson, N. L. and D. B. Billard** — Multiple scattering efficiency and optical extinction. E **61**, 4518
- Swigon, David** — (see Coleman, Bernard D.) E **61**, 759
- (see Tobias, Irwin) E **61**, 747
- Syty, Monika** — (see Czachor, Marek) E **61**, 3325
- Szabó, K. Gábor, Ying-Cheng Lai, Tamás Tél, and Celso Grebogi** — Topological scaling and gap filling at crisis. E **61**, 5019
- Szelestey, Péter, Pekka Heino, János Kertész, and Kimmo Kaski** — Effect of anisotropy on the instability of crack propagation. E **61**, 3378
- Szépbalus, P.** — (see Kaufmann, Z.) E **61**, 2543
- Tadić, Bosiljka and Ulrich Nowak** — Barkhausen avalanches in anisotropic ferromagnets with 180° domain walls. E **61**, 4610(BR)
- Tahir, N. A., D. H. H. Hoffmann, A. Kozyreva, A. Shutov, J. A. Maruhn, U. Neuner, A. Tauschwitz, P. Spiller, and R. Bock** — Shock compression of condensed matter using intense beams of energetic heavy ions. E **61**, 1975
- Tajima, T.** — (see Zhidkov, A.) E **61**, R2224
- Takahashi, T.** — (see Takeshita, H.) E **61**, 2125(BR)
- Takakura, Y. and O. Haeberlé** — Integral method to study transition radiation from surfaces with arbitrary profile. E **61**, 4441
- Takanishi, Yoichi** — (see Ema, Kenji) E **61**, 1585
- Takayasu, Hideki** — (see Sato, Aki-Hiro) E **61**, 1081
- Takeshita, H., T. Kanaya, K. Nishida, K. Kaji, T. Takahashi, and M. Hashimoto** — Ultra-small-angle neutron scattering studies on phase separation of poly(vinyl alcohol) gels. E **61**, 2125(BR)
- Takesue, S.** — (see Saito, K.) E **61**, 2397
- Takezoe, Hideo** — (see Ema, Kenji) E **61**, 1585
- Taki, Majid, Maxi San Miguel, and Marco Santagiustina** — Order parameter description of walk-off effect on pattern selection in degenerate optical parametric oscillators. E **61**, 2133(BR)
- Talbot, J., G. Tarjus, and P. Viot** — Adsorption-desorption model and its application to vibrated granular materials. E **61**, 5429
- Talebpour, A.** — (see Aközbek, N.) E **61**, 4540
- Tam, Tammy, Darrick Ohata, and Mingming Wu** — Dynamics of a penta-hepta defect in a hexagonal pattern. E **61**, R9
- Tanner, R. I.** — (see Jabbarzadeh, A.) E **61**, 690
- Tapster, P. R.** — (see Amos, R. M.) E **61**, 2929
- Tarjus, G.** — (see Talbot, J.) E **61**, 5429
- Tartakovsky, Daniel M.** — (see Mitkov, Igor) E **61**, 2152(C)
- Tata, B. V. R. and Norio Ise** — Reply to ‘‘Comment on ‘Monte Carlo study of structural ordering in charged colloids using a long-range attractive interaction’ ’’. E **61**, 983(C)
- Tatsuaki, Wada** — Interaction-round-a-face density-matrix renormalization-group method applied to rotational-invariant quantum spin chains. E **61**, 3199
- Täuber, U. C.** — (see Schmittmann, B.) E **61**, 5977(BR)
- Tauschwitz, A.** — (see Tahir, N. A.) E **61**, 1975
- Taylor, P. L.** — (see Qian, Tiezheng) E **61**, 4007
- Tegmark, Max** — Importance of quantum decoherence in brain processes. E **61**, 4194

- Teichler, H.** — (see Rößler, U. K.) E **61**, 394
- Tél, Tamás** — (see Mátyás, László) E **61**, R3295
- (see Neufeld, Zoltán) E **61**, 3857
- (see Rondoni, Lamberto) E **61**, R4679
- (see Szabó, K. Gábor) E **61**, 5019
- Telgmann, T.** — (see Mirzaev, S. Z.) E **61**, 542
- Teramoto, R.** — (see Kondoh, S.) E **61**, 5710
- Terentjev, E. M.** — (see Meeker, S. P.) E **61**, R6083
- Theumann, Alba** — (see Costa, Rogério L.) E **61**, 4860
- Thieberger, R.** — (see Haran, O.) E **61**, 6183
- Thies, M. and B. Schmittmann** — Field-induced vacancy localization in a driven lattice gas: Scaling of steady states. E **61**, 184
- Thode, Lester** — (see Daughton, William) E **61**, 2129(BR)
- Thomas, H. M.** — (see Samsonov, D.) E **61**, 5557
- Thomas, P. J.** — (see Zoueshtigh, F.) E **61**, 5588
- Thum-Jaeger, Andrea, B. K. Sinha, and K. P. Rohr** — Experimental investigations of quenching of ionization states in a freely expanding, recombining laser-produced plasma. E **61**, 3063
- Thurn-Albrecht, Th.** — (see Patkowski, A.) E **61**, 6909
- Tiampo, Kristy** — (see Rundle, John B.) E **61**, 2418
- Tian, De-Cheng** — (see Zhang, Wen-Bing) E **61**, 2805
- Timmer, Jens, Udo Schwarz, Henning U. Voss, Ingo Wardinski, Tomaso Belloni, Günther Hasinger, Michael van der Klis, and Jürgen Kurths** — Linear and nonlinear time series analysis of the black hole candidate Cygnus X-1. E **61**, 1342
- Timonen, J.** — (see Åström, J. A.) E **61**, 5550
- Ting, A.** — (see Moore, C. I.) E **61**, 788
- Tinland, B., L. Meistermann, and G. Weill** — Simultaneous measurements of mobility, dispersion, and orientation of DNA during steady-field gel electrophoresis coupling a fluorescence recovery after photobleaching apparatus with a fluorescence detected linear dichroism setup. E **61**, 6993
- Tip, A.** — (see Lastdrager, B.) E **61**, 5767
- Tirozzi, Brunello** — (see Feng, Jianfeng) E **61**, 4207
- Tishkin, V. F.** — (see Isakov, A. B.) E **61**, 842
- Tobias, Irwin, David Swigon, and Bernard D. Coleman** — Elastic stability of DNA configurations. I. General theory. E **61**, 747
- (see Coleman, Bernard D.) E **61**, 759
- Toh, Sadayoshi and Makoto Iima** — Dynamical aspect of entropy transfer in free convection turbulence. E **61**, 2626
- Tolédano, Pierre, A. M. Figueiredo Neto, and Z. A. de Sant'Ana** — Phase diagrams of lyotropic cholesteric fluids. E **61**, 486
- Tomashevitch, K. V.** — (see Kalinin, S. V.) E **61**, 1189
- Tommei, G.E.** — (see Ferrando, R.) E **61**, 6344
- Tomsovic, Steven** — (see Lakshminarayan, Arul) E **61**, 6031(E)
- Tong, P.** — (see Qiu, X.-L.) E **61**, R6075
- Tong, X., C. Beckermann, and A. Karma** — Velocity and shape selection of dendritic crystals in a forced flow. E **61**, R49
- Toral, Raúl** — (see Gallego, Rafa) E **61**, 2241
- (see Mangioni, Sergio E.) E **61**, 223
- Torquato, Salvatore** — (see Kim, In Chan) E **61**, 4659(C)
- Toubiana, Laurent** — (see Tuckwell, Henry C.) E **61**, 5611
- Tovstopyat-Nelip, I. and H. G. E. Hentschel** — Friction and noise-induced coherent structures in boundary lubrication. E **61**, 3318
- Travnikov, O. Yu., V. V. Bychkov, and M. A. Liberman** — Numerical studies of flames in wide tubes: Stability limits of curved stationary flames. E **61**, 468
- Trebin, H.-R.** — (see Englert, J.) E **61**, 2759
- Trees, B. R. and N. Hussain** — Floquet exponents of underdamped Josephson ladders: A comparison with predictions of the discrete sine-Gordon equation. E **61**, 6415
- Tremblay, L., S. M. Socol, and S. Lacelle** — Simple views on critical binary liquid mixtures in porous glass. E **61**, 656
- Tretyakov, Yu. D.** — (see Kalinin, S. V.) E **61**, 1189
- Triampo, Wannapong, Timo Aspelmeier, and Beate Schmittmann** — Universal aspects of vacancy-mediated disordering dynamics: The effect of external fields. E **61**, 2386
- Triandaf, Ioana and Ira B. Schwartz** — Quality factor control in a lasing microcavity model. E **61**, 3601
- (see Schwartz, Ira B.) E **61**, 7208(BR)
- Trías, E., J. J. Mazo, F. Falo, and T. P. Orlando** — Depinning of kinks in a Josephson-junction ratchet array. E **61**, 2257
- Trillo, Stefano** — (see Seve, Emmanuel) E **61**, 3139
- Triolo, A.** — (see Triolo, R.) E **61**, 4640(BR)
- Triolo, F.** — (see Triolo, R.) E **61**, 4640(BR)
- Triolo, R., A. Triolo, F. Triolo, D. C. Steytler, C. A. Lewis, R. K. Heenan, G. D. Wignall, and J. M. DeSimone** — Structure of diblock copolymers in supercritical carbon dioxide and critical micellization pressure. E **61**, 4640(BR)
- Tristram-Nagle, S.** — (see Katsaras, J.) E **61**, 5668
- Trizac, E.** — (see Leote de Carvalho, R. J. F.) E **61**, 1634
- Trotz, Seth R., J. H. Brownell, John E. Walsh, and George Doucas** — Optimization of Smith-Purcell radiation at very high energies. E **61**, 7057
- Tsallis, Constantino** — (see Drazer, German) E **61**, 1417
- Tsao, Heng-Kwong** — (see Sheng, Yu-Jane) E **61**, 2895
- Tseng, C.-H.** — (see Mair, R. W.) E **61**, 2741
- Tseng, K. C., N. J. Turro, and C. J. Durning** — Molecular mobility in polymer thin films. E **61**, 1800
- Tsimring, L. S.** — (see Blair, D.) E **61**, 5600
- Tsonchev, Stefan and Philip Pechukas** — Binary collision model for quantum Brownian motion. E **61**, 6171
- Tsori, Yoav, David Andelman, and M. Schick** — Defects in lamellar diblock copolymers: Chevron- and Ω -shaped tilt boundaries. E **61**, 2848
- Tsuchiya, Tomoko and Makoto Katori** — Proof of breaking of self-organized criticality in a nonconservative Abelian sandpile model. E **61**, 1183
- Tsuchiya, Toshio and Naoteru Gouda** — Relaxation and Lyapunov time scales in a one-dimensional gravitating sheet system. E **61**, 948(BR)
- Tucker, Susan C.** — (see Drozdov, Alexander N.) E **61**, 2457
- Tuckerman, Laurette S.** — (see Barkley, Dwight) E **61**, 5247
- Tuckwell, Henry C., Laurent Toubiana, and Jean-Francois Vibert** — Enhancement of epidemic spread by noise and stochastic resonance in spatial network models with viral dynamics. E **61**, 5611
- Turitsyn, Sergei K., Elena G. Turitsyna, Sergei B. Medvedev, and Michail P. Fedoruk** — Averaged model and integrable limits in nonlinear double-periodic Hamiltonian systems. E **61**, 3127
- Turitsyna, Elena G.** — (see Turitsyn, Sergei K.) E **61**, 3127
- Turro, N. J.** — (see Tseng, K. C.) E **61**, 1800
- Tüzel, Erkan and Ayşe Erzan** — Glassy dynamics of protein folding. E **61**, R1040
- Tzeng, Wen-Jer** — (see Pang, Ning-Ning) E **61**, 3212(BR)
- (see Pang, Ning-Ning) E **61**, 3559
- Ullmann, K., A. J. Lichtenberg, and G. Corso** — Energy equipartition starting from high-frequency modes in the Fermi-Pasta-Ulam β oscillator chain. E **61**, 2471
- Umirzakov, I. H.** — Exact equilibrium statistical mechanics of two particles interacting via Lennard-Jones and Morse potentials. E **61**, 7188(BR)
- Unger, T. and Z. Rácz** — Concentration profiles and reaction fronts in $A+B \rightarrow C$ type processes: Effect of background ions. E **61**, 3583
- Urbach, W.** — (see Amararene, A.) E **61**, 682
- Usadel, K. D.** — (see Roters, L.) E **61**, 3272(C)
- Ushakov, V. G.** — (see Landa, P. S.) E **61**, 4809
- Vadivasova, T. E., O. V. Sosnovtseva, A. G. Balanov, and V. V. Astakhov** — Desynchronization in coupled systems with quasiperiodic driving. E **61**, 4618(BR)
- Vailati, Alberto** — (see Brogioli, Dorian) E **61**, R1
- Vainshtein, S. I.** — Dissipation field asymmetry and intermittency in fully developed turbulence. E **61**, 5228
- , S. M. Chitre, and A. V. Olinto — Rapid dissipation of magnetic fields due to the Hall current. E **61**, 4422

- Vakhnenko, Oleksiy O. and Michael J. Velgakis** — Transverse and longitudinal dynamics of nonlinear intramolecular excitations on multileg ladder lattices. E **61**, 7110
- Valdez, D.** — (see Amararene, A.) E **61**, 682
- Valkov, Nikola** — (see Brankov, Jordan) E **61**, 2300
- Valladares, D. L.** — (see Boccaletti, S.) E **61**, 3712
- Vandembroucq, Damien** — (see Simonsen, Ingve) E **61**, 5914
- Vanden Berghe, G.** — (see Ixaru, L. Gr.) E **61**, 3151
- van den Brink, Alec Maassen** — Exactly solvable path integral for open cavities in terms of quasinormal modes. E **61**, 2367
- Van den Broeck, C.** — (see Buceta, J.) E **61**, 6287
- Van den Broeck, Christian** — (see Copelli, Mauro) E **61**, 6971
- van der Heijden, H. W. P., M. G. H. Boogaarts, S. Mazouffre, J. A. M. van der Mullen, and D. C. Schram** — Time-resolved experimental and computational study of two-photon laser-induced fluorescence in a hydrogen plasma. E **61**, 4402
- van der Klis, Michael** — (see Timmer, Jens) E **61**, 1342
- Vanderkooy, John** — (see Wannamaker, Robert A.) E **61**, 233
- van der Mullen, J. A. M.** — (see van der Heijden, H. W. P.) E **61**, 4402
- Vandewalle, N.** — (see Salmon, E.) E **61**, 7259(E)
- van Hemmen, J. L.** — (see Eggert, J.) E **61**, 1855
- van Noije, T. P. C. and M. H. Ernst** — Cahn-Hilliard theory for unstable granular fluids. E **61**, 1765
- van Noije, T. P. C.** — (see Goldhirsch, I.) E **61**, 3241(BR)
- van Saarloos, Wim** — (see Storm, Cornelis) E **61**, R6063
- Vant, K., G. Ball, and N. Christensen** — Momentum distributions for the quantum δ -kicked rotor with decoherence. E **61**, 5994(BR)
- (see Ball, G.) E **61**, 1299
- van Tiggelen, B. A.** — (see Lacoste, D.) E **61**, 4556
- Vasconcellos, Áurea R.** — (see Hassan, Sergio A.) E **61**, 71
- Vázquez, Alexei and Oscar Sotolongo-Costa** — Universality classes in the random-storage sandpile model. E **61**, 944(BR)
- Vega-Redondo, F.** — (see Arenas, A.) E **61**, 3466
- Velgakis, Michael J.** — (see Vakhnenko, Oleksiy O.) E **61**, 7110
- Veltri, P.** — (see Zimbardo, G.) E **61**, 1940
- Venkatesan, A., M. Lakshmanan, A. Prasad, and R. Ramaswamy** — Intermittency transitions to strange nonchaotic attractors in a quasiperiodically driven Duffing oscillator. E **61**, 3641
- Venturini, Eugene** — (see Martin, James E.) E **61**, 2818
- Veracini, C. A.** — (see Dong, Ronald Y.) E **61**, 1559
- Verbeiren, T.** — (see Bollé, D.) E **61**, 6027(BR)
- Verberg, R., I. M. de Schepper, and E. G. D. Cohen** — Diffusion of concentrated neutral hard-sphere colloidal suspensions. E **61**, 2967
- Vergassola, M.** — (see Boffetta, G.) E **61**, R29
- Verhoeven, J.** — (see Lastdrager, B.) E **61**, 5767
- Vericat, Fernando** — (see Pugnaloni, Luis A.) E **61**, R6067
- Vertegel, A. A.** — (see Kalinin, S. V.) E **61**, 1189
- Vespignani, Alessandro** — (see Pastor-Satorras, Romualdo) E **61**, 4854
- Veum, M., C. Pettersen, P. Mach, P. A. Crowell, and C. C. Huang** — Temperature variation of film tension measured by a vibrating membrane tensiometer. E **61**, R2192
- Viana, Ricardo L.** — (see Batista, Antônio M.) E **61**, 5990(BR)
- (see de S. Pinto, Sandro E.) E **61**, 5154
- Vibert, Jean-Francois** — (see Tuckwell, Henry C.) E **61**, 5611
- Vicsek, T.** — (see Nédá, Z.) E **61**, 6987
- Vieira, Selma R., Fernando D. Nobre, and Carlos S. O. Yokoi** — Effects of random fields in an antiferromagnetic Ising spin glass. E **61**, 4760
- Vigneron, J.-P.** — (see Mayer, A.) E **61**, 5953
- Vilaseca, R.** — (see Chizhevsky, V. N.) E **61**, 6500
- (see Kul'minskii, A.) E **61**, 2500
- Vilfan, M.** — (see Zihlerl, P.) E **61**, 2792
- Viliani, G.** — (see Angelani, L.) E **61**, 1681
- Villarreal, C., R. Esquivel-Sirvent, and R. Jáuregui** — Mie scattering and the physical mechanisms of sonoluminescence. E **61**, 403
- Villarruel, Fernando X., Benjamin E. Lauderdale, Daniel M. Mueth, and Heinrich M. Jaeger** — Compaction of rods: Relaxation and ordering in vibrated, anisotropic granular material. E **61**, 6914
- Vincent, Alain P. and David A. Yuen** — Transition to turbulent thermal convection beyond $Ra=10^{10}$ detected in numerical simulations. E **61**, 5241
- Vinokur, V.** — (see Blair, D.) E **61**, 5600
- Viola, Lorenza** — (see Lu, Wentao) E **61**, 3652
- Viot, P.** — (see Talbot, J.) E **61**, 5429
- Virga, Epifanio G.** — (see Sonnet, André M.) E **61**, 5401
- Vitanov, Nikolay K.** — Upper bound on the heat transport in a layer of fluid of infinite Prandtl number, rigid lower boundary, and stress-free upper boundary. E **61**, 956(BR)
- Vivaldi, F.** — (see Carretero-González, R.) E **61**, 1329
- Vlad, D. H. and J. V. Maher** — Tip-splitting instabilities in the channel Saffman-Taylor flow of constant viscosity elastic fluids. E **61**, 5439
- Vlad, M., F. Spineanu, J. H. Misguich, and R. Balescu** — Collisional effects on diffusion scaling laws in electrostatic turbulence. E **61**, 3023
- Vladimirov, A. G.** — (see Fedorov, S. V.) E **61**, 5814
- Vladimirov, S. V.** — (see Ishihara, Osamu) E **61**, 7246(BR)
- (see Ostrikov, K. N.) E **61**, 4315
- Vlasov, R. A. and A. G. Smirnov** — Compression of femtosecond light pulses by one-dimensional photonic crystals with two-component relaxing nonlinearity. E **61**, 5808
- Vlasov, Yu. A., V. N. Astratov, A. V. Baryshev, A. A. Kaplyanskii, O. Z. Karimov, and M. F. Limonov** — Manifestation of intrinsic defects in optical properties of self-organized opal photonic crystals. E **61**, 5784
- Voigtman, Th.** — (see Götze, W.) E **61**, 4133
- (see Götze, W.) E **61**, 6934
- Vollmer, Jürgen** — (see Mátyás, László) E **61**, R3295
- (see Rondoni, Lamberto) E **61**, R4679
- Vologodskii, Alexander** — (see Katritch, Vsevolod) E **61**, 5545
- von der Linden, W.** — (see Fischer, R.) E **61**, 1152
- Voronel, A.** — (see Machavariani, V. Sh.) E **61**, 2121(BR)
- Vos, Willem L.** — (see Riese, Dirk O.) E **61**, 1676
- Voss, Andreas** — (see Wessel, Niels) E **61**, 733
- Voss, Henning U.** — Anticipating chaotic synchronization. E **61**, 5115
- (see Timmer, Jens) E **61**, 1342
- Vranješ, J., G. Marić, and P. K. Shukla** — Nonlinear magnetic electron tripolar vortices in streaming plasmas. E **61**, 7009
- Vrbanič-Kopač, N.** — (see Zihlerl, P.) E **61**, 2792
- Wacker, A.** — (see Carpio, A.) E **61**, 4866
- Wackerbauer, Renate** — (see Jung, Peter) E **61**, 2095(BR)
- Wada, Takahiro** — (see Abe, Yasuhisa) E **61**, 1125
- Wagner, C.** — (see Embs, J.) E **61**, R2196
- Waks, M.** — (see Amararene, A.) E **61**, 682
- Walker, P. N. and T. S. Monteiro** — Spectral properties of atoms in fields: A semiclassical analysis. E **61**, 6444
- Walsh, John E.** — (see Trotz, Seth R.) E **61**, 7057
- Walsworth, R. L.** — (see Mair, R. W.) E **61**, 2741
- Walter, M.** — (see Nersisyan, H. B.) E **61**, 7022
- Wan, Jones T. K.** — (see Gao, L.) E **61**, 6011(BR)
- Wan, Shao-long** — (see Wang, Ke-lin) E **61**, 4795
- Wang, Changbiao** — (see Hirshfield, J. L.) E **61**, 7252(BR)
- Wang, G.-C.** — (see Zhao, Y.-P.) E **61**, 2156(E)
- Wang, Howard and Russell J. Composto** — Hydrodynamic-flow-driven wetting in thin film polymer blends: Growth kinetics and morphology. E **61**, 1659
- Wang, J. B.** — (see Midgley, S.) E **61**, 920
- Wang, J. X.** — (see Kong, Q.) E **61**, 1981
- Wang, Jian-Sheng** — (see Chng, Choon-Peng) E **61**, 4962
- Wang, Jichang** — (see Jung, Peter) E **61**, 2095(BR)
- Wang, Jun and Wei Wang** — Modeling study on the validity of a possibly simplified representation of proteins. E **61**, 6981
- Wang, Ke-lin, Wei Jiang, Shao-long Wan, and Hai-jun Pan** — Analytical systematic approximate method of a two-state dissipative system. E **61**, 4795
- Wang, Lin** — (see Cao, Jinde) E **61**, 1825

- Wang, Long** — (see Xu, Ning) E **61**, 2611
Wang, Mu — (see Zhang, Ke-Qin) E **61**, 5512
Wang, P. — (see Banna, S.) E **61**, 4445
Wang, P. X. — (see Kong, Q.) E **61**, 1981
Wang, Peng-Ye and Ping Xie — Eliminating spatiotemporal chaos and spiral waves by weak spatial perturbations. E **61**, 5120
Wang, Qi — (see Forest, M. Gregory) E **61**, 6655
Wang, Tai-Sen F. — Particle-core study of halo dynamics in periodic-focusing channels. E **61**, 855
Wang, Wei — (see Wang, Jun) E **61**, 6981
Wang, Wen-ge — Perturbative and nonperturbative parts of eigenstates and local spectral density of states: The Wigner-band random-matrix model. E **61**, 952(BR)
Wang, Yuqing, David T. W. Chik, and Z. D. Wang — Coherence resonance and noise-induced synchronization in globally coupled Hodgkin-Huxley neurons. E **61**, 740
Wang, Z. D. — (see Wang, Yuqing) E **61**, 740
Wang, Z. Jane — (see Chalker, J. T.) E **61**, 196
Wang, Zhehui, Samuel A. Cohen, David N. Ruzic, and M. J. Goeckner — Nitrogen atom energy distributions in a hollow-cathode planar sputtering magnetron. E **61**, 1904
Wang, Zuowei, Haiping Fang, Zhifang Lin, and Luwei Zhou — Simulation of field-induced structural formation and transition in electromagnetorheological suspensions. E **61**, 6837
Wannamaker, Robert A., Stanley P. Lipshitz, and John Vanderkooy — Stochastic resonance as dithering. E **61**, 233
Ward, Lawrence M. — (see Müller, Ursula U.) E **61**, 4286
Wardinski, Ingo — (see Timmer, Jens) E **61**, 1342
Wasan, Darsh T. — (see Henderson, Douglas) E **61**, 3896
Wasyłka, Krzysztof — (see Czachor, Marek) E **61**, 3325
Watanabe, Takeshi, Yasuya Nakayama, and Hirokazu Fujisaka — Large deviation statistics of the energy-flux fluctuation in the shell model of turbulence. E **61**, R1024
Watson, P. — (see Anderson, J. E.) E **61**, 3951
Wegdam, Gerard H. — (see Riese, Dirk O.) E **61**, 1676
Wei, Cindy — (see Gross, Mark) E **61**, 2099(BR)
Wei, Lu — (see Yinhu, Chen) E **61**, 809
Weidenmüller, Hans A. — (see Saltzer, Markus) E **61**, 5918
Weill, G. — (see Tinland, B.) E **61**, 6993
Weis, J. J. — (see Lomba, E.) E **61**, 3838
Weiss, George H. — (see Gandjbakhche, Amir H.) E **61**, 6958
Weiss, James N. — (see Qu, Zhilin) E **61**, 727
Wellner, Marcel, Omer Berenfeld, and Arkady M. Pertsov — Predicting filament drift in twisted anisotropy. E **61**, 1845
Wendt, Hauke and Ranko Richert — Heterogeneous relaxation patterns in supercooled liquids studied by solvation dynamics. E **61**, 1722
Weninger, K. R., P. G. Evans, and S. J. Putterman — Time correlated single photon Mie scattering from a sonoluminescing bubble. E **61**, R1020
Wesfreid, J. E. — (see Essevez-Roulet, B.) E **61**, 3743
Weslowski, B. T. — (see Spector, M. S.) E **61**, 1579
 — (see Spector, M. S.) E **61**, 3977
Wessel, Niels, Christine Ziehm, Jürgen Kurths, Udo Meyerfeldt, Alexander Schirdewan, and Andreas Voss — Short-term forecasting of life-threatening cardiac arrhythmias based on symbolic dynamics and finite-time growth rates. E **61**, 733
Widom, M. — (see Banerjee, S.) E **61**, 4171
Widom, Michael — (see Miranda, José A.) E **61**, 2114(BR)
Wiesenfeld, Kurt — (see Filatella, Giovanni) E **61**, 2513
Wignall, G. D. — (see Triolo, R.) E **61**, 4640(BR)
Wilding, N. B. — (see Bruce, A. D.) E **61**, 906
Wilemski, Gerald — Neutron scattering from aerosols: Intraparticle structure factor, Guinier analysis of particle speed, and crossed beam kinematics. E **61**, 557
 — (see Li, Jin-Song) E **61**, R4710
Willett, J. E. — (see Maraghechi, B.) E **61**, 7046
Williams, D. R. M. — (see Miller, I. C. B.) E **61**, R4706
Williamson, James M. and Biswa N. Ganguly — Hydrogen dissociation in a H₂-N₂ pulsed dc glow discharge. E **61**, 5734
Wilson, Michael J. — (see Bloor, Malcolm I. G.) E **61**, 4218
Winful, Herbert G. — (see Feng, Simin) E **61**, 862
Winkler, R. G. — (see Hofmann, T.) E **61**, 2840
Wio, Horacio S. — (see Drazer, German) E **61**, 1417
 — (see Mangioni, Sergio E.) E **61**, 223
Wise, Frank — (see Liu, Xiang) E **61**, R4722
Wittmer, J. P. — (see Milchev, A.) E **61**, 2959
 — (see Müller, M.) E **61**, 4078
Wolynes, Peter G. — (see Leitner, David M.) E **61**, 2902
Wong, G. P. — (see Mair, R. W.) E **61**, 2741
Wong, K. W. — (see Chen, J. Y.) E **61**, 2559
Wong, Po-zen — (see Schäffer, Erik) E **61**, 5257
Woods, Andrew — (see Berg, Peter) E **61**, 1056
Wu, Chen-Xu — (see Zhao, Wei) E **61**, 6669
Wu, Mingming — (see Tam, Tammy) E **61**, R9
Wu, X. L. — (see Horváth, V. K.) E **61**, R4702
Wurtele, J. S. — (see Brizard, A. J.) E **61**, 4410
Wuttke, J., M. Ohl, M. Goldammer, S. Roth, U. Schneider, P. Lunkenheimer, R. Kahn, B. Rufflé, R. Lechner, and M. A. Berg — Propylene carbonate reexamined: Mode-coupling β scaling without factorization? E **61**, 2730
Wysin, G. M. and J. Kaplan — Correlated molecular-field theory for Ising models. E **61**, 6399

Xavier, Isaac M., Jr. — (see Oliveira, Fernando A.) E **61**, 7200(BR)
Xiao, Feng — (see Yokoi, Kensuke) E **61**, R1016
Xie, Ping — (see Wang, Peng-Ye) E **61**, 5120
Xu, Hong and Marc Baus — Density functional theory of phase coexistence in weakly polydisperse fluids. E **61**, 3249(BR)
Xu, J. Y. — (see Cao, H.) E **61**, 1985
Xu, Ning, Long Wang, and Xiwei Hu — Bremsstrahlung of nitrogen and noble gases in single-bubble sonoluminescence. E **61**, 2611
Xu, S. C. — (see Chen, J. Y.) E **61**, 2559
Xu, Z. Z. — (see Yu, Wei) E **61**, R2220

Yakovlev, D. G. — (see Baiko, D. A.) E **61**, 1912
Yamaguchi, Tomohiko — (see Inomoto, Osamu) E **61**, 5326
Yamamoto, Ryoichi and Walter Kob — Replica-exchange molecular dynamics simulation for supercooled liquids. E **61**, 5473
 — (see Kim, Kang) E **61**, R41
Yamane, Toshiyuki — (see Ohira, Toru) E **61**, 1247
Yan, Mu-Lin — Quantum integrable system with two color components in two dimensions. E **61**, 4745
Yan, YiJing — (see Shuang, Feng) E **61**, 7192(BR)
Yang, C. B., X. Cai, and Z. M. Zhou — Spatial-temporal correlations in the process to self-organized criticality. E **61**, 7243(BR)
Yang, Chen — (see Shuang, Feng) E **61**, 7192(BR)
Yang, D.-Y. — (see Makhnovskii, Yu. A.) E **61**, 6302
Yang, Deng-Ke — (see Ma, Rui-Qing) E **61**, 1567
Yang, Junzhong — Dynamics of a one-dimensional inelastic particle system. E **61**, 2920
 — Quasiperiodicity and transition to chaos. E **61**, 6521
Yang, X. Z. — (see Guo, H. X.) E **61**, 4185
Yang, Yunyuan and Wu Ding — High efficiency and wideband gyro-traveling-wave-tube amplifier. E **61**, 4450
Yang, Z. R. — (see Zhu, Jian-Yang) E **61**, 210
 — (see Zhu, Jian-Yang) E **61**, 6219
Yao, Haruhiko — (see Ema, Kenji) E **61**, 1585
Yao, S. H. — (see Qiu, X.-L.) E **61**, R6075
Yao, Yugui — (see Zhang, Ying) E **61**, 7219(BR)
Yaowen, Liu — (see Hong, Zhao) E **61**, 348
Yeung, M. K. Stephen and Steven H. Strogatz — Erratum: Nonlinear dynamics of a solid-state laser with injection [Phys. Rev. E **58**, 4421 (1998)]. E **61**, 2154(E)
Yevtushenko, Oleg, Sergej Flach, and Klaus Richter — ac-driven phase-dependent directed diffusion. E **61**, 7215(BR)

- Yew, Alice C., Björn Sandstede, and Christopher K. R. T. Jones** — Instability of multiple pulses in coupled nonlinear Schrödinger equations. E **61**, 5886
- Yin, Hui, Bulbul Chakraborty, and Nicholas Gross** — Effective field theory of the zero-temperature triangular-lattice antiferromagnet: A Monte Carlo study. E **61**, 6426
- Yinghai, Wang** — (see Hong, Zhao) E **61**, 348
- Yinhua, Chen, Lu Wei, and M. Y. Yu** — Nonlinear dust kinetic Alfvén waves. E **61**, 809
- Yodh, Arjun G.** — (see Li, Xingde) E **61**, 4295
- Yokoi, Carlos S. O.** — (see Vieira, Selma R.) E **61**, 4760
- Yokoi, Kensuke and Feng Xiao** — Relationships between a roller and a dynamic pressure distribution in circular hydraulic jumps. E **61**, R1016
- Yoshida, Z.** — (see Kondoh, S.) E **61**, 5710
- Yoshikawa, Kenichi** — (see Okamura, Mina) E **61**, 2445
- Yoshioka, Masahiko and Masatoshi Shiino** — Associative memory storing an extensive number of patterns based on a network of oscillators with distributed natural frequencies in the presence of external white noise. E **61**, 4732
- Young, Y. and R. Rosner** — Numerical simulation of double-diffusive convection in a rectangular box. E **61**, 2676
- Ytreberg, F. Marty and Susan R. McKay** — Calculated properties of field-induced aggregates in ferrofluids. E **61**, 4107
- Yu, C.-J.** — (see Richter, A. G.) E **61**, 607
- Yu, Dejin, Michael Small, Robert G. Harrison, and Cees Diks** — Efficient implementation of the Gaussian kernel algorithm in estimating invariants and noise level from noisy time series data. E **61**, 3750
- Yu, Huidan and Kaihua Zhao** — Lattice Boltzmann method for compressible flows with high Mach numbers. E **61**, 3867
- Yu, K. W.** — (see Gao, L.) E **61**, 6011(BR)
- Yu, M. Y.** — (see Ostrikov, K. N.) E **61**, 782
— (see Ostrikov, K. N.) E **61**, 4315
— (see Yinhua, Chen) E **61**, 809
— (see Yu, Wei) E **61**, R2220
- Yu, Wei, M. Y. Yu, J. X. Ma, Z. M. Sheng, J. Zhang, H. Daido, S. B. Liu, Z. Z. Xu, and R. X. Li** — Ponderomotive acceleration of electrons at the focus of high intensity lasers. E **61**, R2220
- Yuan, Haijun, Weinan E, and Peter Palfy-Muhoray** — Analytical solution of Maxwell's equations in lossy and optically active crystals. E **61**, 3264(BR)
- Yuan, Jian, Yong Ren, and Xiuming Shan** — Self-organized criticality in a computer network model. E **61**, 1067
- Yuan, Z. S.** — (see Kong, Q.) E **61**, 1981
- Yuen, David A.** — (see Vincent, Alain P.) E **61**, 5241
- Yuste, S. B. and L. Acedo** — Number of distinct sites visited by N random walkers on a Euclidean lattice. E **61**, 2340
- Zaikin, A. A.** — (see Landa, P. S.) E **61**, 4809
- Zaltzman, B.** — (see Rubinstein, I.) E **61**, 709
- Zangi, Ronen and Stuart A. Rice** — Nature of the transition from two- to three-dimensional ordering in a confined colloidal suspension. E **61**, 660
— and **Stuart A. Rice** — Hexagonal to square lattice conversion in bilayer systems. E **61**, 671
- Zannetti, M.** — (see Lippiello, E.) E **61**, 3369
- Zaslavsky, George M.** — (see Kuznetsov, Leonid) E **61**, 3777
- Zeng, X. C.** — (see Gao, G. T.) E **61**, R2188
- Zerah, Gilles** — (see Bagnier, Stéphane) E **61**, 6999
- Zerbini, M.** — (see Pacella, D.) E **61**, 5701
- Zhang, Fei, Dennis J. Isbister, and Denis J. Evans** — Nonequilibrium molecular dynamics simulations of heat flow in one-dimensional lattices. E **61**, 3541
- Zhang, Houyu** — (see Shuang, Feng) E **61**, 7192(BR)
- Zhang, J.** — (see Yu, Wei) E **61**, R2220
- Zhang, Ke-Qin, Mu Wang, Sheng Zhong, Guo-Xin Chen, and Naiben Ming** — Pattern selection induced by electroconvection in the electrodeposition of iron. E **61**, 5512
- Zhang, R.** — (see Clague, D. S.) E **61**, 616
- Zhang, Shu-dong** — $1/f^\alpha$ fluctuations in a ricepile model. E **61**, 5983(BR)
- Zhang, Wen-Bing, Xian-Wu Zou, Zhun-Zhi Jin, and De-Cheng Tian** — Dynamic heterogeneous structure relaxation of supercooled liquids. E **61**, 2805
- Zhang, Ying and Yugui Yao** — Controlling global stochasticity in the standard map. E **61**, 7219(BR)
- Zhao, Hong** — (see Hu, Bambi) E **61**, 3828
- Zhao, Kaihua** — (see Yu, Huidan) E **61**, 3867
- Zhao, Wei, Chen-Xu Wu, and Mitsumasa Iwamoto** — Analysis of compression-induced chiral phase separation in Langmuir monolayers. E **61**, 6669
- Zhao, Y.-P., A. R. Hopper, G.-C. Wang, and T.-M. Lu** — Erratum: Monte Carlo simulation of the submonolayer vapor-deposition polymerization [Phys. Rev. E **60**, 4310 (1999)]. E **61**, 2156(E)
- Zhdanov, V. P. and B. Kasemo** — Oscillations and chaos in catalytic reactions on the nm scale. E **61**, R2184
- Zheng, B.** — Deterministic equations of motion and phase ordering dynamics. E **61**, 153
- Zhidkov, A., A. Sasaki, and T. Tajima** — Emission of MeV multiple-charged ions from metallic foils irradiated with an ultrashort laser pulse. E **61**, R2224
- Zhirov, O. V.** — (see Sokolov, V. V.) E **61**, 5057
- Zhong, Sheng** — (see Zhang, Ke-Qin) E **61**, 5512
- Zhou, Changsong** — (see Hu, Bambi) E **61**, R1001
- Zhou, Hong** — (see Forest, M. Gregory) E **61**, 6655
- Zhou, Luwei** — (see Wang, Zuowei) E **61**, 6837
- Zhou, Shiqi and Eli Ruckenstein** — High-order direct correlation functions of uniform fluids and their application to the high-order perturbative density functional theory. E **61**, 2704
- Zhou, Ye** — (see Qian, Yue-Hong) E **61**, 2103(BR)
- Zhou, Z.** — (see Joós, B.) E **61**, 2410
- Zhou, Z. M.** — (see Yang, C. B.) E **61**, 7243(BR)
- Zhu, Jian-Yang and Z. R. Yang** — Solvable kinetic Gaussian model in an external field. E **61**, 210
— and **Z. R. Yang** — Dynamical decimation renormalization-group technique: Kinetic Gaussian model on nonbranching, branching, and multibranching Koch curves. E **61**, 6219
- Zhu, Peng Wei and Donald H. Napper** — Surfactant-assisted entanglement of interfacial polymer chains. E **61**, 2859
— and **Donald H. Napper** — Longer time kinetics of collapse transition of polymer-surfactant complexes at interfaces near to collapse temperatures. E **61**, 6866
- Zia, R. K. P.** — (see Schmittmann, B.) E **61**, 5977(BR)
- Ziehmann, Christine** — (see Wessel, Niels) E **61**, 733
- Zigler, A.** — (see Fraenkel, M.) E **61**, 1899
- Ziherl, P.** — Structural force in a presmectic liquid. E **61**, 4636(BR)
—, **F. Karimi Pour Haddadan, R. Podgornik, and S. Žumer** — Pseudo-Casimir effect in nematic liquid crystals in frustrating geometries. E **61**, 5361
—, **M. Vilfan, N. Vrbančič-Kopač, S. Žumer, R. J. Ondris-Crawford, and G. P. Crawford** — Substrate-induced order in the isotropic phase of a smectogenic liquid crystal: A deuteron NMR study. E **61**, 2792
- Zillmer, Rüdiger, Volker Ahlers, and Arkady Pikovsky** — Scaling of Lyapunov exponents of coupled chaotic systems. E **61**, 332
- Zimbardo, G., P. Veltri, and P. Pommois** — Anomalous, quasilinear, and percolative regimes for magnetic-field-line transport in axially symmetric turbulence. E **61**, 1940
- Ziolo, Jerzy** — (see Drozd-Rzoska, Aleksandra) E **61**, 5349
— (see Paluch, Marian) E **61**, 526
— (see Rzoska, Sylwester J.) E **61**, 960(BR)
- Živić, Ivan** — (see Milošević, Sava) E **61**, 2141(C)
- Zoldi, Scott M.** — (see Meixner, Matthias) E **61**, 1382
- Zolotaryuk, A. V., P. L. Christiansen, B. Nordén, A. V. Savin, and Y. Zolotaryuk** — Pendulum as a model system for driven rotation in molecular nanoscale machines. E **61**, 3256(BR)

Zolotaryuk, Y. — (see Zolotaryuk, A. V.) E **61**, 3256(BR)

Zou, Xian-Wu — (see Zhang, Wen-Bing) E **61**, 2805

Zoueshtiagh, F. and P. J. Thomas — Wavelength scaling of spiral patterns formed by granular media underneath a rotating fluid. E **61**, 5588

Zubarev, Andrej Yu. and Larisa Yu. Iskakova — Effect of chainlike aggregates on dynamical properties of magnetic liquids. E **61**, 5415

Zugenmaier, P. — (see Schacht, J.) E **61**, 3926

Žumer, S. — (see Borštnik, A.) E **61**, 2831

—— (see Zihlerl, P.) E **61**, 2792

—— (see Zihlerl, P.) E **61**, 5361

Zúñiga, Ignacio — (see Martín, Teresa) E **61**, 6120

Zurita-Sánchez, Jorge R. and P. Halevi — Density of states for a dielectric superlattice. II. TM polarization. E **61**, 5802

Zvejnieks, G. and V. N. Kuzovkov — Monte Carlo simulations of the periodically forced autocatalytic $A+B\rightarrow 2B$ reaction. E **61**, 4593

Zvelindovsky, A. V. — (see Morozov, A. N.) E **61**, 4125

Zweibel, Ellen G. — (see Miesch, Mark S.) E **61**, 457

Zwicknagel, G. — (see Nersisyan, H. B.) E **61**, 7022

Zykov, Vladimir S. — (see Panfilov, A. V.) E **61**, 4644(BR)