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| Abrupt Climate Change Modeling | Entry | 00711 | 1/1 |
| section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i> first author: LOHMANN, GERRIT | | | |
| Acceleration Mechanisms | Entry | 00495 | 2/2 |
| section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i> first author: MELROSE, DON B. | | | |
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| section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: HU, GUOQIANG ... author #2: GANS, NICHOLAS ... author #3: DIXON, WARREN | | | |
| Additive Cellular Automata | Entry | 00101 | 4/4 |
| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: VOORHEES, BURTON | | | |
| Adomian Decomposition Method Applied to Nonlinear Evolution Equations in Soliton Theory | Entry | 00467 | 5/5 |
| section [editor]: <i>Solitons [Helal]</i> first author: WAZWAZ, ABDUL-MAJID | | | |
| Agent Based Computational Economics | Entry | 00418 | 6/6 |
| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: LEVY, MOSHE | | | |
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| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: MACAL, CHARLES | | | |
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| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: NORTH, MICHAEL ... author #2: MACAL, CHARLES | | | |
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| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: CASTIGLIONE, FILIPPO | | | |
| Agent Based Modeling, Large Scale Simulations | Entry | 00415 | 10/10 |
| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: PARRY, HAZEL R. | | | |
| Agent Based Modeling, Mathematical Formalism for | Entry | 00414 | 11/11 |
| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: LAUBENBACHER, REINHARD ... author #2: JARRAH, ABDUL S. ... author #3: MORTVEIT, HENNING ... author #4: RAVI, S. S. | | | |
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| section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: MOSS, SCOTT | | | |
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| section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: GALLEGATI, MAURO ... author #2: RICHIARDI, MATTEO | | | |
| Agent-based Modeling and Simulation | Entry | 00421 | 14/14 |
| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: BANDINI, STEFANIA ... author #2: MANZONI, SARA ... author #3: VIZZARI, GIUSEPPE | | | |

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| section [editor]: <i>Soft Computing [Kacprzyk]</i> first author: TORRA, VICENC | | | |
| Air Traffic Control, Complex Dynamics of | Entry | 00261 | 16/16 |
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| Algorithmic Complexity and Cellular Automata | Entry | 00099 | 17/17 |
| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: CERVELLE, JULIEN ... author #2: FORMENTI, ENRICO | | | |
| Amorphous Computing | Entry | 00127 | 18/18 |
| section [editor]: <i>Unconventional Computing [Adamatzky]</i> first author: ABELSON, HAL ... author #2: BEAL, JAKE ... author #3: SUSSMANN, GERRY | | | |
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| section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: NOWAK, ANDRZEJ ... author #2: STRAWINSKA, URSZULA | | | |
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| section [editor]: <i>Unconventional Computing [Adamatzky]</i> first author: DITTRICH, PETER | | | |
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| section [editor]: <i>Intelligent Systems [Hendler]</i> first author: ZEIGLER, BERNARD ... author #2: MUZY, ALEXANDRE ... author #3: YILMAZ, LEVENT | | | |
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| section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i> first author: SCARGLE, JEFFREY D. | | | |
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| section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i> first author: REGEV, ODED | | | |
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| section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i> first author: CONTOPOULOS, GEORGE | | | |
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| section [editor]: <i>Unconventional Computing [Adamatzky]</i> first author: AMOS, MARTYN | | | |
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| section [editor]: <i>Game Theory [Sotomayor]</i> first author: ZAMIR, SHMUEL | | | |

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| section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: AON, MIGUEL ... author #2: CORTASSA, SONIA | | | |
| Biological Complexity and Biochemical Information | Entry | 00189 | 33 / 33 |
| section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: ADAMI, CHRISTOPH | | | |
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| section [editor]: <i>Systems Biology [Galitski]</i> first author: EDDY, JAMES A. ... author #2: PRICE, NATHAN | | | |
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| section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: NEWMAN, STUART A. ... author #2: FORGACS, GABOR | | | |
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| section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i> first author: DESIMONE, ANTONIO ... author #2: ALOUGES, FRANCOIS ... author #3: LEVEBVRE, ALINE | | | |
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| section [editor]: <i>Systems Biology [Galitski]</i> first author: SAURO, HERBERT | | | |
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| section [editor]: <i>Systems Biology [Galitski]</i> first author: ROTH, FREDERICK ... author #2: ZHANG, LAN | | | |
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| section [editor]: <i>Percolation [Sahimi]</i> first author: DE GREGORIO, PAOLO ... author #2: LAWLOR, AONGHUS ... author #3: DAWSON, KENNETH | | | |
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| section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i> first author: LAURITSEN, KENT BÆKGAARD ... author #2: ALAVA, MIKKO J. | | | |

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| section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i> first author: SCHOLZ, CHRISTOPHER H. | | | |
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| section [editor]: <i>System Dynamics [Dangerfield]</i> first author: LYNEIS, JAMES | | | |
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| section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: TKACIK, GASPER ... author #2: BIALEK, WILLIAM | | | |
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| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: CECCHERINI-SILBERSTEIN, TULLIO ... author #2: COORNAERT, MICHEL | | | |
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| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: MARGENSTERN, MAURICE | | | |
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| Cellular Automata Modelling of Physical Systems | Entry | 00090 | 54 / 54 |
| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: CHOPARD, BASTIEN | | | |
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| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: HANSON, JAMES E. | | | |
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| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: DURAND-LOSE, JÉRÔME | | | |

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| Cellular Automaton Modelling of Tumor Invasion | Entry | 00417 | 60/60 |
| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: HATZIKIROU, HARALAMBOS ... author #2: BREIER, GEORG ... author #3: DEUTSCH, ANDREAS | | | |
| Cellular Computing | Entry | 00130 | 61/61 |
| section [editor]: <i>Unconventional Computing [Adamatzky]</i> first author: TEUSCHER, CHRISTOF | | | |
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| Chaos and Complexity in Astrophysics, Introduction to | Entry | 00824 | 63/63 |
| section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i> first author: SHORE, STEVE N. | | | |
| Chaos and Ergodic Theory | Entry | 00278 | 64/64 |
| section [editor]: <i>Ergodic Theory [Kra]</i> first author: BUZZI, JEROME | | | |
| Chaotic Behaviour of Cellular Automata | Entry | 00100 | 65/65 |
| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: CERVELLE, JULIEN ... author #2: DENNUNZIO, ALBERTO ... author #3: FORMENTI, ENRICO | | | |
| Chaotic Dynamics in Nonequilibrium Statistical Mechanics | Entry | 00025 | 66/66 |
| section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: DORFMAN, J. ROBERT | | | |
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| Chronological Calculus in Systems and Control Theory | Entry | 00160 | 68/68 |
| section [editor]: <i>Systems and Control Theory [Kawski]</i> first author: KAWSKI, MATTHIAS | | | |
| Cities as Complex Systems: Scaling, Interaction, Networks, Dynamics and Urban Morphologies | Entry | 00640 | 69/69 |
| section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: BATTY, MICHAEL | | | |
| Climate Change and Agriculture | Entry | 00719 | 70/70 |
| section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i> first author: ROSENZWEIG, CYNTHIA | | | |
| Climate Change and Human Health | Entry | 00755 | 71/71 |
| section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i> first author: GRASSL, HARTMUT | | | |
| Climate Change, Economic Costs of | Entry | 00722 | 72/72 |
| section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i> first author: TOL, RICHARD S. J. | | | |
| Climate Modeling, Global Warming and Weather Prediction, Introduction to | Entry | 00825 | 73/73 |
| section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i> first author: GRASSL, HARTMUT | | | |
| Cognitive Robotics | Entry | 00549 | 74/74 |
| section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: KAWAMURA, KAZUHIKO ... author #2: BROWNE, WILL | | | |

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| Collective Transport and Depinning | Entry | 00026 | 75/75 |
| section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: TANG, LEI-HAN | | | |
| Community Structure in Graphs | Entry | 00238 | 76/76 |
| section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: FORTUNATO, SANTO ... author #2: CASTELLANO, CLAUDIO | | | |
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| section [editor]: <i>Wavelets [Aboufadel]</i> first author: JORGENSEN, PALLE E.T. ... author #2: SONG, MYUNG-SIN | | | |
| Complex Dynamics of Traffic Management, Introduction to | Entry | 00850 | 78/78 |
| section [editor]: <i>Traffic Management, Complex Dynamics of [Kerner]</i> first author: KERNER, BORIS | | | |
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| section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: HUANG, SUI ... author #2: KAUFFMAN, STUART A. | | | |
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| section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: CANRIGHT, GEOFFREY | | | |
| Complex Networks, Visualization of | Entry | 00240 | 81/81 |
| section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: BATAGELJ, VLADIMIR | | | |
| Complex Systems and Emergent Phenomena | Entry | 00028 | 82/82 |
| section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: JENSEN, HENRIK JELDTOFT | | | |
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| section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: DIXON, WARREN | | | |
| Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast, Introduction to | Entry | 00828 | 84/84 |
| section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i> first author: LEE, WILLIAM H. K. | | | |
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| section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i> first author: STEPHENS, DAVID A. | | | |
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| section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: BONCHEV, DANAIL | | | |
| Computer Graphics and Games, Agent Based Modeling in | Entry | 00424 | 89/89 |
| section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: MAC NAMEE, BRIAN | | | |
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| section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: KOKALJ, ANTON | | | |

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| Computing in Geometrical Constrained Excitable Chemical Systems | Entry | 00123 | 91/91 |
| section [editor]: <i>Unconventional Computing [Adamatzky]</i> first author: GORECKI, JERZY ... author #2: GORECKA, J. N. | | | |
| Computing with Solitons | Entry | 00118 | 92/92 |
| section [editor]: <i>Unconventional Computing [Adamatzky]</i> first author: RAND, DARREN ... author #2: STEIGLITZ, KEN | | | |
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| section [editor]: <i>Percolation [Sahimi]</i> first author: HUGHES, BARRY D. | | | |
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| section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: EDELMAN, GERALD M. ... author #2: SETH, ANIL K. | | | |
| Continuum Percolation | Entry | 00402 | 95/95 |
| section [editor]: <i>Percolation [Sahimi]</i> first author: BALBERG, ISAAC | | | |
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| section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: WALKER, IAN ... author #2: GREEN, KEITH E. | | | |
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| section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i> first author: ALABAU-BOUSSOUIRA, FATIHA ... author #2: CANNARSA, PIERMARCO | | | |
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| section [editor]: <i>Game Theory [Sotomayor]</i> first author: SERRANO, ROBERTO | | | |
| Cooperative Games (Von Neuman - Morgenstern Stable Sets) | Entry | 00429 | 99/99 |
| section [editor]: <i>Game Theory [Sotomayor]</i> first author: WAKO, JUN ... author #2: MUTO, SHIGEO | | | |
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| section [editor]: <i>Granular Computing [Lin]</i> first author: RAS, ZBIGNIEW W. ... author #2: DARDZINSKA, AGNIESZKA | | | |
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| section [editor]: <i>EiC Selections [Meyers]</i> first author: KELSO, J. A. SCOTT | | | |
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| section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: OULLIER, OLIVIER ... author #2: KELSO, J. A. SCOTT | | | |
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| section [editor]: <i>Game Theory [Sotomayor]</i> first author: FORGES, FRANCOISE | | | |
| Correlated Percolation | Entry | 00401 | 105/105 |
| section [editor]: <i>Percolation [Sahimi]</i> first author: CONIGLIO, ANTONIO ... author #2: FIERRO, ANNALISA | | | |

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| section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i> first author: YULMETYEV, RENAT M. ... author #2: HÄNGGI, PETER | | | |
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| section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i> first author: ACHUCARRO, ANA ... author #2: MARTINS, CARLOS J. A. P. | | | |
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| section [editor]: <i>System Dynamics [Dangerfield]</i> first author: HOWICK, SUSAN ... author #2: ACKERMANN, FRAN ... author #3: EDEN, COLIN ... author #4: WILLIAMS, TERRY | | | |
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| section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i> first author: POVALEJ, PETRA ... author #2: VERLIC, MATEJA ... author #3: STIGLIC, GREGOR | | | |
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| section [editor]: <i>Systems and Control Theory [Kawski]</i> first author: LEE, TAEYOUNG ... author #2: LEOK, MELVIN ... author #3: MCCLAMROCH, HARRIS | | | |
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| section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: FEDDEMA, JOHN T. ... author #2: SCHOENWALD, DAVID ... author #3: ROBINETT, RUSH D. ... author #4: BYRNE, RAYMOND H. | | | |
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| section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: JANSSEN, MICHAEL ... author #2: DRENNER, ANDREW ... author #3: PAPANIKOLOPOULOS, NIKOLAOS | | | |
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| section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i> first author: YUEN, DAVID A. ... author #2: DZWINEL, WITOLD ... author #3: BEN ZION, YEHUDA ... author #4: KADLEC, BEN | | | |
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| section [editor]: <i>Fractals and Multifractals [Havlin]</i> first author: TURCOTTE, DONALD L. | | | |
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| section [editor]: <i>Fractals and Multifractals [Havlin]</i> first author: NOTTALE, LAURENT | | | |
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| section [editor]: <i>Fractals and Multifractals [Havlin]</i> first author: CRILLY, TONY | | | |
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| section [editor]: <i>Traffic Management, Complex Dynamics of [Kerner]</i> first author: HEGYI, ANDREAS ... author #2: BELLEMANS, TOM ... author #3: DE SCHUTTER, BART | | | |

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| section [editor]: <i>Systems Biology [Galitski]</i> first author: DEUTSCHBAUER, ADAM M. ... author #2: STEINMETZ, LARS | | | |
| Fuzzy Logic | Entry | 00769 | 235/235 |
| section [editor]: <i>Granular Computing [Lin]</i> first author: ZADEH, LOTFI A. | | | |
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| section [editor]: <i>Soft Computing [Kacprzyk]</i> first author: JOHN, ROBERT I. ... author #2: MENDEL, JERRY M. | | | |
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| section [editor]: <i>Soft Computing [Kacprzyk]</i> first author: LODWICK, WELDON ... author #2: UNTIEDT, ELIZABETH | | | |
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| section [editor]: <i>Granular Computing [Lin]</i> first author: BEER, MICHAEL | | | |
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| section [editor]: <i>Granular Computing [Lin]</i> first author: TÜRKSEN, I. BURHAN | | | |
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| section [editor]: <i>Game Theory [Sotomayor]</i> first author: CHATTERJEE, KALYAN ... author #2: SABOURIAN, HAMID | | | |
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| section [editor]: <i>Game Theory [Sotomayor]</i> first author: SOTOMAYOR, MARILDA | | | |
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| section [editor]: <i>Finance and Econometrics [Mizrach]</i> first author: HAFNER, CHRISTIAN | | | |
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| section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i> first author: ORLOV, MICHAEL ... author #2: SIPPER, MOSHE ... author #3: HAUPTMAN, AMI | | | |
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| section [editor]: <i>Granular Computing [Lin]</i> first author: HONG, TZUNG-PEI ... author #2: CHEN, CHUN-HAO ... author #3: TSENG, VINCENT S. | | | |
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| section [editor]: <i>Systems Biology [Galitski]</i> first author: GLUSMAN, GUSTAVO ... author #2: SMIT, ARIAN | | | |
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| section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i> first author: KEILIS-BOROK, VLADIMIR ... author #2: SOLOVIEV, ALEXANDRE ... author #3: GABRIELOV, ANDREI | | | |

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| section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: BERTHIER, LUDOVIC ... author #2: BIROLI, GIULIO | | | |
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| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: BAYS, CARTER | | | |
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| section [editor]: <i>Granular Computing [Lin]</i> first author: WASILEWSKA, ANITA ... author #2: MENASALVAS, ERNESTINA | | | |
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| section [editor]: <i>Granular Computing [Lin]</i> first author: GRECO, SALVATORE ... author #2: MATARAZZO, BENEDETTO ... author #3: SLOWINSKI, ROMAN | | | |
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| section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: DOROGOVTSSEV, SERGEY | | | |
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| section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: ADAMATZKY, ANDREW | | | |
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| section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: GANS, NICHOLAS ... author #2: HU, GUOQIANG ... author #3: DIXON, WARREN | | | |
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| section [editor]: <i>Solitons [Helal]</i> first author: REN, YU-JIE | | | |
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