

<b>Abrupt Climate Change Modeling</b>	Entry	00711	1 / 1
section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i>			
first author: <a href="#">LOHMANN, GERRIT</a>			
<b>Acceleration Mechanisms</b>	Entry	00495	2 / 2
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: <a href="#">MELROSE, DON B.</a>			
<b>Adaptive Visual Servo Control</b>	Entry	00563	3 / 3
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">HU, GUOQIANG</a>			
... author #2: GANS, NICHOLAS			
... author #3: DIXON, WARREN			
<b>Additive Cellular Automata</b>	Entry	00101	4 / 4
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">VOORHEES, BURTON</a>			
<b>Adomian Decomposition Method Applied to Nonlinear Evolution Equations in Soliton Theory</b>		00467	5 / 5
section [editor]: <i>Solitons [Helal]</i>			
first author: <a href="#">WAZWAZ, ABDUL-MAJID</a>			
<b>Agent Based Computational Economics</b>	Entry	00418	6 / 6
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">LEVY, MOSHE</a>			
<b>Agent Based Modeling and Artificial Life</b>	Entry	00419	7 / 7
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">MACAL, CHARLES</a>			
<b>Agent Based Modeling and Computer Languages</b>	Entry	00426	8 / 8
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">NORTH, MICHAEL</a>			
... author #2: MACAL, CHARLES			
<b>Agent Based Modeling and Simulation, Introduction to</b>	Entry	00820	9 / 9
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">CASTIGLIONE, FILIPPO</a>			
<b>Agent Based Modeling, Large Scale Simulations</b>	Entry	00415	10 / 10
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">PARRY, HAZEL R.</a>			
<b>Agent Based Modeling, Mathematical Formalism for</b>	Entry	00414	11 / 11
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">LAUBENBACHER, REINHARD</a>			
... author #2: JARRAH, ABDUL S.			
... author #3: MORTVEIT, HENNING			
... author #4: RAVI, S. S.			
<b>Agent Based Modelling and Neoclassical Economics: A Critical Perspective</b>	Entry	00674	12 / 12
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">MOSS, SCOTT</a>			
<b>Agent Based Models in Economics and Complexity</b>	Entry	00753	13 / 13
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">GALLEGATI, MAURO</a>			
... author #2: RICHIARDI, MATTEO			
<b>Agent-based Modeling and Simulation</b>	Entry	00421	14 / 14
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">BANDINI, STEFANIA</a>			
... author #2: MANZONI, SARA			
... author #3: VIZZARI, GIUSEPPE			

<b>Aggregation Operators and Soft Computing</b>	Entry	00737	15/15
section [editor]: <i>Soft Computing [Kacprzyk]</i>			
first author: <a href="#">TORRA, VICENC</a>			
<b>Air Traffic Control, Complex Dynamics of</b>	Entry	00261	16/16
section [editor]: <i>Traffic Management, Complex Dynamics of [Kerner]</i>			
first author: <a href="#">SRIDHAR, BANAVAR</a>			
... author #2: <a href="#">SHETH, KAPIL</a>			
<b>Algorithmic Complexity and Cellular Automata</b>	Entry	00099	17/17
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">CERVELLE, JULIEN</a>			
... author #2: <a href="#">FORMENTI, ENRICO</a>			
<b>Amorphous Computing</b>	Entry	00127	18/18
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">ABELSON, HAL</a>			
... author #2: <a href="#">BEAL, JAKE</a>			
... author #3: <a href="#">SUSSMANN, GERRY</a>			
<b>Analog Computation</b>	Entry	00120	19/19
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">MACLENNAN, BRUCE J.</a>			
<b>Anisotropic Networks, Elastomers and Gels</b>	Entry	00020	20/20
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">TERENTJEV, EUGENE</a>			
<b>Anomalous Diffusion on Fractal Networks</b>	Entry	00021	21/21
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: <a href="#">SOKOLOV, IGOR</a>			
<b>Applications of Physics and Mathematics to Social Science, Introduction to</b>	Entry	00821	22/22
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">NOWAK, ANDRZEJ</a>			
... author #2: <a href="#">STRAWINSKA, URSZULA</a>			
<b>Artificial Chemistry</b>	Entry	00114	23/23
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">DITTRICH, PETER</a>			
<b>Artificial Intelligence in Modeling and Simulation</b>	Entry	00689	24/24
section [editor]: <i>Intelligent Systems [Hendler]</i>			
first author: <a href="#">ZEIGLER, BERNARD</a>			
... author #2: <a href="#">MUZY, ALEXANDRE</a>			
... author #3: <a href="#">YILMAZ, LEVENT</a>			
<b>Astronomical Time Series, Complexity in</b>	Entry	00496	25/25
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: <a href="#">SCARGLE, JEFFREY D.</a>			
<b>Astrophysics, Chaos and Complexity in</b>	Entry	00498	26/26
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: <a href="#">REGEV, ODED</a>			
<b>Astrophysics: Dynamical Systems</b>	Entry	00499	27/27
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: <a href="#">CONTOPOULOS, GEORGE</a>			
<b>Bacterial Computing</b>	Entry	00112	28/28
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">AMOS, MARTYN</a>			
<b>Bayesian Games: Games with Incomplete Information</b>	Entry	00433	29/29
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">ZAMIR, SHMUEL</a>			

<b>Bayesian Methods in Nonlinear Time Series</b>	Entry	00217	30 / 30
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">KORENOK, OLEG</a>			
<b>Bayesian Statistics</b>	Entry	00292	31 / 31
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i>			
first author: <a href="#">DRAPER, DAVID</a>			
<b>Biochemistry, Chaotic Dynamics, Noise, and Fractal Space in</b>	Entry	00190	32 / 32
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">AON, MIGUEL</a>			
... author #2: <a href="#">CORTASSA, SONIA</a>			
<b>Biological Complexity and Biochemical Information</b>	Entry	00189	33 / 33
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">ADAMI, CHRISTOPH</a>			
<b>Biological Data Integration and Model Building</b>	Entry	00486	34 / 34
section [editor]: <i>Systems Biology [Galitski]</i>			
first author: <a href="#">EDDY, JAMES A.</a>			
... author #2: <a href="#">PRICE, NATHAN</a>			
<b>Biological Development and Evolution, Complexity and Self-organization in</b>	Entry	00186	35 / 35
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">NEWMAN, STUART A.</a>			
... author #2: <a href="#">FORGACS, GABOR</a>			
<b>Biological Fluid Dynamics, Nonlinear Partial Differential Equations</b>	Entry	00529	36 / 36
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i>			
first author: <a href="#">DESIMONE, ANTONIO</a>			
... author #2: <a href="#">ALOUGES, FRANCOIS</a>			
... author #3: <a href="#">LEVEBVRE, ALINE</a>			
<b>Biological Models of Molecular Network Dynamics</b>	Entry	00490	37 / 37
section [editor]: <i>Systems Biology [Galitski]</i>			
first author: <a href="#">SAURO, HERBERT</a>			
<b>Biomolecular Network Structure and Function</b>	Entry	00485	38 / 38
section [editor]: <i>Systems Biology [Galitski]</i>			
first author: <a href="#">ROTH, FREDERICK</a>			
... author #2: <a href="#">ZHANG, LAN</a>			
<b>Bivariate (Two-dimensional) Wavelets</b>	Entry	00065	39 / 39
section [editor]: <i>Wavelets [Aboufadel]</i>			
first author: <a href="#">HAN, BIN</a>			
<b>Boolean Modeling of Biological Networks</b>	Entry	00488	40 / 40
section [editor]: <i>Systems Biology [Galitski]</i>			
first author: <a href="#">KRAWITZ, PETER</a>			
... author #2: <a href="#">SHMULEVICH, ILYA</a>			
<b>Bootstrap Percolation</b>	Entry	00404	41 / 41
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">DE GREGORIO, PAOLO</a>			
... author #2: <a href="#">LAWLOR, AONGHUS</a>			
... author #3: <a href="#">DAWSON, KENNETH</a>			
<b>Brain Pacemaker</b>	Entry	00757	42 / 42
section [editor]: <i>Synergetics [Haken]</i>			
first author: <a href="#">TASS, PETER</a>			
... author #2: <a href="#">POPOVYCH, OLEKSANDR</a>			
... author #3: <a href="#">HAUPTMANN, CHRISTIAN</a>			
<b>Branching Processes</b>	Entry	00302	43 / 43
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i>			
first author: <a href="#">LAURITSEN, KENT BÆKGAARD</a>			
... author #2: <a href="#">ALAVA, MIKKO J.</a>			

<b>Brittle Tectonics: A Nonlinear Dynamical System</b>	Entry	00305	44 / 44
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">SCHOLZ, CHRISTOPHER H.</a>			
<b>Business Policy and Strategy, System Dynamics Applications to</b>	Entry	00564	45 / 45
section [editor]: <i>System Dynamics [Dangerfield]</i>			
first author: <a href="#">LYNEIS, JAMES</a>			
<b>Carbon Nanotubes, Thermo-Mechanical and Transport Properties of</b>	Entry	00357	46 / 46
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i>			
first author: <a href="#">RAFII-TABAR, HASHEM</a>			
<b>Catastrophe Theory</b>	Entry	00591	47 / 47
section [editor]: <i>EiC Selections [Meyers]</i>			
first author: <a href="#">SANNS, WERNER</a>			
<b>Cell Biology: Networks, Regulation and Pathways</b>	Entry	00024	48 / 48
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">TKACIK, GASPER</a>			
... author #2: <a href="#">BIALEK, WILLIAM</a>			
<b>Cellular Automata and Groups</b>	Entry	00096	49 / 49
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">CECCHERINI-SILBERSTEIN, TULLIO</a>			
... author #2: <a href="#">COORNAERT, MICHEL</a>			
<b>Cellular Automata and Language Theory</b>	Entry	00094	50 / 50
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">KUTRIB, MARTIN</a>			
<b>Cellular Automata as Models of Parallel Computation</b>	Entry	00088	51 / 51
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">WORSCH, THOMAS</a>			
<b>Cellular Automata in Hyperbolic Spaces</b>	Entry	00085	52 / 52
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">MARGENSTERN, MAURICE</a>			
<b>Cellular Automata Modeling of Complex Biochemical Systems</b>	Entry	00188	53 / 53
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">KIER, LEMONT</a>			
... author #2: <a href="#">SEYBOLD, PAUL</a>			
<b>Cellular Automata Modelling of Physical Systems</b>	Entry	00090	54 / 54
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">CHOPARD, BASTIEN</a>			
<b>Cellular Automata on Triangular, Pentagonal and Hexagonal Tessellations</b>	Entry	00091	55 / 55
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">BAYS, CARTER</a>			
<b>Cellular Automata with Memory</b>	Entry	00109	56 / 56
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">ALONSO-SANZ, RAMON</a>			
<b>Cellular Automata, Classification of</b>	Entry	00102	57 / 57
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">SUTNER, KLAUS</a>			
<b>Cellular Automata, Emergent Phenomena in</b>	Entry	00634	58 / 58
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">HANSON, JAMES E.</a>			
<b>Cellular Automata, Universality of</b>	Entry	00103	59 / 59
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">DURAND-LOSE, JÉRÔME</a>			

<b>Cellular Automaton Modelling of Tumor Invasion</b>	Entry	00417	60/60
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">HATZIKIROU, HARALAMBOS</a>			
... author #2: BREIER, GEORG			
... author #3: DEUTSCH, ANDREAS			
<b>Cellular Computing</b>	Entry	00130	61/61
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">TEUSCHER, CHRISTOF</a>			
<b>Centre Manifolds</b>	Entry	00074	62/62
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i>			
first author: <a href="#">OSIPENKO, GEORGE</a>			
<b>Chaos and Complexity in Astrophysics, Introduction to</b>	Entry	00824	63/63
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: <a href="#">SHORE, STEVE N.</a>			
<b>Chaos and Ergodic Theory</b>	Entry	00278	64/64
section [editor]: <i>Ergodic Theory [Kra]</i>			
first author: <a href="#">BUZZI, JEROME</a>			
<b>Chaotic Behaviour of Cellular Automata</b>	Entry	00100	65/65
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">CERVELLE, JULIEN</a>			
... author #2: DENNUNZIO, ALBERTO			
... author #3: FORMENTI, ENRICO			
<b>Chaotic Dynamics in Nonequilibrium Statistical Mechanics</b>	Entry	00025	66/66
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">DORFMAN, J. ROBERT</a>			
<b>Charge Based Solid-State Flying Qubits</b>	Entry	00625	67/67
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i>			
first author: <a href="#">BERTONI, ANDREA</a>			
<b>Chronological Calculus in Systems and Control Theory</b>	Entry	00160	68/68
section [editor]: <i>Systems and Control Theory [Kawski]</i>			
first author: <a href="#">KAWSKI, MATTHIAS</a>			
<b>Cities as Complex Systems: Scaling, Interaction, Networks, Dynamics and Urban Morphologies</b>	Entry	00640	69/69
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">BATTY, MICHAEL</a>			
<b>Climate Change and Agriculture</b>	Entry	00719	70/70
section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i>			
first author: <a href="#">ROSENZWEIG, CYNTHIA</a>			
<b>Climate Change and Human Health</b>	Entry	00755	71/71
section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i>			
first author: <a href="#">GRASSL, HARTMUT</a>			
<b>Climate Change, Economic Costs of</b>	Entry	00722	72/72
section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i>			
first author: <a href="#">TOL, RICHARD S. J.</a>			
<b>Climate Modeling, Global Warming and Weather Prediction, Introduction to</b>	Entry	00825	73/73
section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i>			
first author: <a href="#">GRASSL, HARTMUT</a>			
<b>Cognitive Robotics</b>	Entry	00549	74/74
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">KAWAMURA, KAZUHIKO</a>			
... author #2: BROWNE, WILL			

<b>Collective Transport and Depinning</b>	Entry	00026	75/75
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: <a href="#">TANG, LEI-HAN</a>			
<b>Community Structure in Graphs</b>	Entry	00238	76/76
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: <a href="#">FORTUNATO, SANTO</a> ... author #2: <a href="#">CASTELLANO, CLAUDIO</a>			
<b>Comparison of Discrete and Continuous Wavelet Transforms</b>	Entry	00059	77/77
section [editor]: <i>Wavelets [Aboufadel]</i> first author: <a href="#">JORGENSEN, PALLE E.T.</a> ... author #2: <a href="#">SONG, MYUNG-SIN</a>			
<b>Complex Dynamics of Traffic Management, Introduction to</b>	Entry	00850	78/78
section [editor]: <i>Traffic Management, Complex Dynamics of [Kerner]</i> first author: <a href="#">KERNER, BORIS</a>			
<b>Complex Gene Regulatory Networks - From Structure to Biological Observables, Cell Fate Determination</b>	Entry	00048	79/79
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: <a href="#">HUANG, SUI</a> ... author #2: <a href="#">KAUFFMAN, STUART A.</a>			
<b>Complex Networks and Graph Theory</b>	Entry	00251	80/80
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: <a href="#">CANRIGHT, GEOFFREY</a>			
<b>Complex Networks, Visualization of</b>	Entry	00240	81/81
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: <a href="#">BATAGELJ, VLADIMIR</a>			
<b>Complex Systems and Emergent Phenomena</b>	Entry	00028	82/82
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: <a href="#">JENSEN, HENRIK</a> <a href="#">JELDTOT</a>			
<b>Complexity and Nonlinearity in Autonomous Robotics, Introduction to</b>	Entry	00822	83/83
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: <a href="#">DIXON, WARREN</a>			
<b>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast, Introduction to</b>	Entry	00828	84/84
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i> first author: <a href="#">LEE, WILLIAM H. K.</a>			
<b>Complexity in Systems Level Biology and Genetics: Statistical Perspectives</b>	Entry	00291	85/85
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i> first author: <a href="#">STEPHENS, DAVID A.</a>			
<b>Composites, Multifunctional</b>	Entry	00193	86/86
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">KARLSSON, ANETTE M.</a> ... author #2: <a href="#">ADEOYE, MOSOBALAJE O.</a>			
<b>Computational and Theoretical Nanoscience, Introduction to</b>	Entry	00829	87/87
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i> first author: <a href="#">JOE, YONG SUK</a>			
<b>Computational Chemistry, Introduction to Complexity in</b>	Entry	00827	88/88
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">BONCHEV, DANAIL</a>			
<b>Computer Graphics and Games, Agent Based Modeling in</b>	Entry	00424	89/89
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: <a href="#">MAC NAMEE, BRIAN</a>			
<b>Computer-aided Design of the Reaction Site</b>	Entry	00183	90/90
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">KOKALJ, ANTON</a>			

<b>Computing in Geometrical Constrained Excitable Chemical Systems</b>	Entry	00123	91/91
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">GORECKI, JERZY</a>			
... author #2: GORECKA, J. N.			
<b>Computing with Solitons</b>	Entry	00118	92/92
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">RAND, DARREN</a>			
... author #2: STEIGLITZ, KEN			
<b>Conduction and Diffusion in Percolating Systems</b>	Entry	00406	93/93
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">HUGHES, BARRY D.</a>			
<b>Consciousness and Complexity</b>	Entry	00654	94/94
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">EDELMAN, GERALD M.</a>			
... author #2: SETH, ANIL K.			
<b>Continuum Percolation</b>	Entry	00402	95/95
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">BALBERG, ISAAC</a>			
<b>Continuum Robots</b>	Entry	00546	96/96
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">WALKER, IAN</a>			
... author #2: GREEN, KEITH E.			
<b>Control of Nonlinear Partial Differential Equations</b>	Entry	00583	97/97
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i>			
first author: <a href="#">ALABAU-BOUSSOUIRA, FATIHA</a>			
... author #2: CANNARSA, PIERMARCO			
<b>Cooperative Games</b>	Entry	00428	98/98
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">SERRANO, ROBERTO</a>			
<b>Cooperative Games (Von Neuman - Morgenstern Stable Sets)</b>	Entry	00429	99/99
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">WAKO, JUN</a>			
... author #2: MUTO, SHIGEO			
<b>Cooperative Multi-hierarchical Query Answering Systems</b>	Entry	00789	100/100
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">RAS, ZBIGNIEW W.</a>			
... author #2: DARDZINSKA, AGNIESZKA			
<b>Coordination Dynamics</b>	Entry	00588	101/101
section [editor]: <i>EiC Selections [Meyers]</i>			
first author: <a href="#">KELSO, J. A. SCOTT</a>			
<b>Coordination from the Perspective of Social Coordination Dynamics</b>	Entry	00666	102/102
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">OULLIER, OLIVIER</a>			
... author #2: KELSO, J. A. SCOTT			
<b>Corporate and Municipal Bond Market Microstructure in the U.S.</b>	Entry	00225	103/103
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">PIWOWAR, MICHAEL S.</a>			
<b>Correlated Equilibria and Communication in Games</b>	Entry	00435	104/104
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">FORGES, FRANCOISE</a>			
<b>Correlated Percolation</b>	Entry	00401	105/105
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">CONIGLIO, ANTONIO</a>			
... author #2: FIERRO, ANNALISA			



<b>Correlations in Complex Systems</b>	Entry	00295	106/106
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i>			
first author: <a href="#">YULMETYEV, RENAT M.</a>			
... author #2: HÄNGGI, PETER			
<b>Cosmic Gravitational Background, Stochastic</b>	Entry	00501	107/107
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: <a href="#">UNGARELLI, CARLO</a>			
<b>Cosmic Strings</b>	Entry	00502	108/108
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: <a href="#">ACHUCARRO, ANA</a>			
... author #2: MARTINS, CARLOS J. A. P.			
<b>Cost Sharing</b>	Entry	00458	109/109
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">KOSTER, MAURICE</a>			
<b>Crustal Deformation During the Seismic Cycle, Interpreting Geodetic Observations of</b>		00307	110/110
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">LOHMAN, ROWENA</a>			
<b>Cryosphere Models</b>	Entry	00703	111/111
section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i>			
first author: <a href="#">BARRY, ROGER</a>			
<b>Curvelets and Ridgelets</b>	Entry	00063	112/112
section [editor]: <i>Wavelets [Aboufadel]</i>			
first author: <a href="#">FADIL, JALAL</a>			
... author #2: STARCK, JEAN-LUC			
<b>Cytoskeleton and Cell Motility</b>	Entry	00030	113/113
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">RISLER, THOMAS</a>			
<b>Data and Dimensionality Reduction in Data Analysis and System Modeling</b>	Entry	00385	114/114
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i>			
first author: <a href="#">PEDRYCZ, WITOLD</a>			
<b>Data Mining and Knowledge Discovery, Introduction to</b>	Entry	00831	115/115
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i>			
first author: <a href="#">KOKOL, PETER</a>			
<b>Data-mining and Knowledge Discovery, Neural Networks in</b>	Entry	00387	116/116
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i>			
first author: <a href="#">BRAMEIER, MARKUS</a>			
<b>Data-mining and Knowledge Discovery: Case Based Reasoning, Nearest Neighbor and Rough Sets</b>		00391	117/117
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i>			
first author: <a href="#">POLKOWSKI, LECH</a>			
<b>Decision Trees</b>	Entry	00386	118/118
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i>			
first author: <a href="#">PODGORELEC, VILI</a>			
... author #2: ZORMAN, MILAN			
<b>Delay and Disruption in Complex Projects</b>	Entry	00565	119/119
section [editor]: <i>System Dynamics [Dangerfield]</i>			
first author: <a href="#">HOWICK, SUSAN</a>			
... author #2: ACKERMANN, FRAN			
... author #3: EDEN, COLIN			
... author #4: WILLIAMS, TERRY			
<b>Dependency and Granularity in Data Mining</b>	Entry	00779	120/120
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">TSUMOTO, SHUSAKU</a>			
... author #2: HIRANO, SHOJI			



<b>Development, Complex Dynamic Systems of</b>	Entry	00649	121/121
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">VAN GEERT, PAUL</a>			
<b>Development, Evolution, and the Emergence of Novel Behavior</b>	Entry	00648	122/122
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">GARDINER, AMY K</a>			
... author #2: BJORKLUND, DAVID F.			
<b>Diagrammatic Methods in Classical Perturbation Theory</b>	Entry	00150	123/123
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">GENTILE, GUIDO</a>			
<b>Differential Games</b>	Entry	00438	124/124
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">QUINCAMPOIX, MARK</a>			
<b>Diffusion of Innovations, System Dynamics Analysis of the</b>	Entry	00566	125/125
section [editor]: <i>System Dynamics [Dangerfield]</i>			
first author: <a href="#">MILLING, PETER</a>			
... author #2: MAIER, FRANK H.			
<b>Discovery Systems</b>	Entry	00396	126/126
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i>			
first author: <a href="#">POVALEJ, PETRA</a>			
... author #2: VERLIC, MATEJA			
... author #3: STIGLIC, GREGOR			
<b>Discrete Control Systems</b>	Entry	00173	127/127
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first author: <a href="#">LEE, TAEYOUNG</a>			
... author #2: LEOK, MELVIN			
... author #3: McCLAMROCH, HARRIS			
<b>Disordered Elastic Media</b>	Entry	00032	128/128
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first author: <a href="#">GIAMARCHI, THIERRY</a>			
<b>Dispersion Phenomena in Partial Differential Equations</b>	Entry	00522	129/129
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first author: <a href="#">D'ANCONA, PIERO</a>			
<b>Distributed Controls of Multiple Robotic Systems, An Optimization Approach</b>	Entry	00559	130/130
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">FEDDEMA, JOHN T.</a>			
... author #2: SCHOENWALD, DAVID			
... author #3: ROBINETT, RUSH D.			
... author #4: BYRNE, RAYMOND H.			
<b>Distributed Robotic Teams: A Framework for Simulated and Real-world Modeling</b>	Entry	00547	131/131
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">JANSSEN, MICHAEL</a>			
... author #2: DRENNER, ANDREW			
... author #3: PAPANIKOLOPOULOS, NIKOLAOS			
<b>DNA Computing</b>	Entry	00113	132/132
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first author: <a href="#">AMOS, MARTYN</a>			
<b>DNA-templated Self-assembly of Protein Arrays and Highly Conductive Nanowires</b>	Entry	00191	133/133
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">DING, BAOQUAN</a>			
... author #2: LIU, YAN			
... author #3: RINKER, SHERRI			
... author #4: YAN, HAO			

<b>Drug Design with Artificial Intelligence Methods</b>	Entry	00180	134/134
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">IVANCIUC, OVIDIU</a>			
<b>Drug Design with Artificial Neural Networks</b>	Entry	00181	135/135
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">IVANCIUC, OVIDIU</a>			
<b>Drug Design with Machine Learning</b>	Entry	00182	136/136
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">IVANCIUC, OVIDIU</a>			
<b>Drug Design, Molecular Descriptors in</b>	Entry	00179	137/137
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">BALABAN, ALEXANDRU</a>			
<b>Dynamic Games with an Application to Climate Change Models</b>	Entry	00432	138/138
section [editor]: <i>Game Theory [Sotomayor]</i> first author: <a href="#">DUTTA, PRAJIT K.</a>			
<b>Dynamics and Evaluation: The Warm Glow of Processing Fluency</b>	Entry	00817	139/139
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: <a href="#">WINKIELMAN, PIOTR</a> ... author #2: <a href="#">HUBER, DAVID E.</a>			
<b>Dynamics of Cellular Automata in Non-compact Spaces</b>	Entry	00097	140/140
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<b>Dynamics of Hamiltonian Systems</b>	Entry	00079	141/141
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<b>Dynamics of Income Distribution in a Market Economy: Possibilities for Poverty Alleviation</b>	Entry	00567	142/142
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<b>Dynamics of Language</b>	Entry	00815	143/143
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<b>Dynamics of Parametric Excitation</b>	Entry	00080	144/144
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i> first author: <a href="#">CHAMPNEYS, ALAN R.</a>			
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<b>Earth's Crust and Upper Mantle, Dynamics of Solid-liquid Systems in</b>	Entry	00327	146/146
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i> first author: <a href="#">TAKEI, YASUKO</a>			
<b>Earthquake Clusters over Multi-dimensional Space, Visualization of</b>	Entry	00308	147/147
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i> first author: <a href="#">YUEN, DAVID A.</a> ... author #2: <a href="#">DZWINEL, WITOLD</a> ... author #3: <a href="#">BEN ZION, YEHUDA</a> ... author #4: <a href="#">KADLEC, BEN</a>			
<b>Earthquake Damage: Detection and Early Warning in Man-made Structures</b>	Entry	00309	148/148
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section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">ZOLLO, ALDO</a>			
... author #2: IANNACONE, GIOVANNI			
... author #3: CONVERTITO, VINCENZO			
... author #4: ELIA, LUCA			
... author #5: IERVOLINO, IUNIO			
... author #6: LANCIERI, MARIA			
... author #7: LOMAX, ANTHONY			
... author #8: MARTINO, CLAUDIO			
... author #9: SATRIANO, CLAUDIO			
... author #10: WEBER, EMANUEL			
... author #11: GASPARINI, PAOLO			
<b>Earthquake Engineering, Nonlinear Problems in</b>	Entry	00312	150/150
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first author: <a href="#">TRIFUNAC, MIHAILO</a>			
<b>Earthquake Forecasting and Verification</b>	Entry	00313	151/151
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">HOLLIDAY, JAMES ROY</a>			
... author #2: RUNDLE, JOHN B.			
... author #3: TURCOTTE, DONALD L.			
<b>Earthquake Location, Direct, Global-Search Methods</b>	Entry	00316	152/152
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first author: <a href="#">LOMAX, ANTHONY</a>			
... author #2: MICHELINI, ALBERTO			
... author #3: CURTIS, ANDREW			
<b>Earthquake Magnitude</b>	Entry	00317	153/153
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first author: <a href="#">BORMANN, PETER</a>			
... author #2: SAUL, JOACHIM			
<b>Earthquake Monitoring and Early Warning Systems</b>	Entry	00318	154/154
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">LEE, WILLIAM H. K.</a>			
... author #2: WU, YIH-MIN			
<b>Earthquake Networks, Complex</b>	Entry	00319	155/155
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">ABE, SUMIYOSHI</a>			
... author #2: SUZUKI, NORIKAZU			
<b>Earthquake Nucleation Process</b>	Entry	00320	156/156
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">IO, YOSHIHISA</a>			
<b>Earthquake Occurrence and Mechanisms, Stochastic Models for</b>	Entry	00326	157/157
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first author: <a href="#">VERE-JONES, DAVID</a>			
<b>Earthquake Scaling Laws</b>	Entry	00333	158/158
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">MADARIAGA, RAUL</a>			
<b>Earthquake Source Parameters, Rapid Estimates for Tsunami Warning</b>	Entry	00344	159/159
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">HIRSHORN, BARRY</a>			
... author #2: WEINSTEIN, STUART			
<b>Earthquake Source: Asymmetry and Rotation Effects</b>	Entry	00322	160/160
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">TEISSEYRE, ROMAN</a>			

<b>Earthquakes, Dynamic Triggering of</b>	Entry	00323	161/161
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first author: <a href="#">PREJEAN, STEPHANIE</a>			
... author #2: HILL, DAVID P.			
<b>Earthquakes, Electromagnetic Signals of</b>	Entry	00324	162/162
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">UYEDA, SEIYA</a>			
... author #2: KAMOGAWA, MASASHI			
... author #3: NAGAO, TOSHIYASU			
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first author: <a href="#">MAURER, BRIAN A.</a>			
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first author: <a href="#">BASCOMPTE, JORDI</a>			
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first author: <a href="#">BODIN, ÖRJAN</a>			
<b>Econometrics: Models of Regime Changes</b>	Entry	00216	166/166
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first author: <a href="#">PIGER, JEREMY</a>			
<b>Econometrics: Nonlinear Cointegration</b>	Entry	00218	167/167
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first author: <a href="#">ESCRIBANO, ALVARO</a>			
... author #2: ESCANCIANO, JUAN CARLOS			
<b>Econometrics: Panel Data Methods</b>	Entry	00223	168/168
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first author: <a href="#">WOOLDRIDGE, JEFFREY M.</a>			
<b>Econophysics, Observational</b>	Entry	00212	169/169
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first author: <a href="#">ROEHNER, BERTRAND</a>			
<b>Econophysics, Statistical Mechanics Approach to</b>	Entry	00033	170/170
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first author: <a href="#">YAKOVENKO, VICTOR</a>			
<b>Elastic Percolation Networks</b>	Entry	00409	171/171
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first author: <a href="#">DUXBURY, PHILLIP M.</a>			
<b>Embodied and Situated Agents, Adaptive Behaviour in</b>	Entry	00762	172/172
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first author: <a href="#">NOLFI, STEFANO</a>			
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first author: <a href="#">TSALLIS, CONSTANTINO</a>			
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first author: <a href="#">KING, JONATHAN</a>			
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first author: <a href="#">SHIPLEY, BILL</a>			
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first author: <a href="#">DEL JUNCO, ANDRES</a>			

<b>Ergodic Theory of Cellular Automata</b>	Entry	00092	177/177
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<b>Ergodic Theory on Homogeneous Spaces and Metric Number Theory</b>	Entry	00277	178/178
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<b>Ergodic Theory: Basic Examples and Constructions</b>	Entry	00266	180/180
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<b>Ergodic Theory: Fractal Geometry</b>	Entry	00283	181/181
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<b>Ergodic Theory: Nonsingular Transformations</b>	Entry	00274	183/183
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<b>Ergodic Theory: Recurrence</b>	Entry	00270	184/184
section [editor]: <i>Ergodic Theory [Kra]</i> first author: <a href="#">FRANTZIKINAKIS, NIKOS</a> ... author #2: <a href="#">MCCUTCHEON, RANDALL</a>			
<b>Ergodic Theory: Rigidity</b>	Entry	00275	185/185
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<b>Evolution in Materio</b>	Entry	00131	189/189
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<b>Evolution of Culture, Memetics</b>	Entry	00670	190/190
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<b>Field Computation in Natural and Artificial Intelligence</b>	Entry	00374	200/200
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<b>Field Theoretic Methods</b>	Entry	00287	201/201
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<b>Financial Economics, Fat-tailed Distributions</b>	Entry	00231	204/204
section [editor]: <i>Finance and Econometrics [Mizrach]</i> first author: HAAS, MARKUS ... author #2: PIGORSCH, CHRISTIAN			
<b>Financial Economics, Nonlinear Time Series in</b>	Entry	00214	205/205
section [editor]: <i>Finance and Econometrics [Mizrach]</i> first author: MILLS, TERENCE C. ... author #2: MARKELLOS, RAPHAEL N.			

<b>Financial Economics, Return Predictability and Market Efficiency</b>	Entry	00232	206/206
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">VAN NIEUWERBURGH, STIJN</a>			
... author #2: KOIJEN, RALPH S. J.			
<b>Financial Economics, The Cross-Section of Stock Returns and the Fama-French Three Factor Model</b>	Entry	00728	207/207
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">PETKOVA, RALITSA</a>			
<b>Financial Economics, Time Variation in the Market Return</b>	Entry	00230	208/208
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">KAMSTRA, MARK</a>			
... author #2: KRAMER, LISA			
<b>Financial Forecasting, Nonlinear Time Series in</b>	Entry	00221	209/209
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">GONZALEZ-RIVERA, GLORIA</a>			
... author #2: LEE, TAE-HWY			
<b>Financial Forecasting, Sensitive Dependence</b>	Entry	00222	210/210
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">SHINTANI, MOTOTSUGU</a>			
<b>Finite Dimensional Controllability</b>	Entry	00155	211/211
section [editor]: <i>Systems and Control Theory [Kawski]</i>			
first author: <a href="#">ROSIER, LIONEL</a>			
<b>Firing Squad Synchronization Problem in Cellular Automata</b>	Entry	00089	212/212
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">UME0, HIROSHI</a>			
<b>Fluctuation Theorems, Brownian Motors and Thermodynamics of Small Systems</b>	Entry	00034	213/213
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">RITORT, FELIX</a>			
<b>Fluctuations, Importance of: Complexity in the View of Stochastic Processes</b>	Entry	00294	214/214
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i>			
first author: <a href="#">FRIEDRICH, RUDOLF</a>			
... author #2: PEINKE, JOACHIM			
... author #3: RAHIMI TABAR, M. REZA			
<b>Fluid Dynamics, Pattern Formation</b>	Entry	00767	215/215
section [editor]: <i>Synergetics [Haken]</i>			
first author: <a href="#">BESTEHORN, MICHAEL</a>			
<b>Fluid Dynamics, Turbulence</b>	Entry	00765	216/216
section [editor]: <i>Synergetics [Haken]</i>			
first author: <a href="#">FRIEDRICH, RUDOLF</a>			
... author #2: PEINKE, JOACHIM			
<b>Food Webs</b>	Entry	00247	217/217
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i>			
first author: <a href="#">DUNNE, JENNIFER</a>			
<b>Foraging Robots</b>	Entry	00558	218/218
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">WINFIELD, ALAN</a>			
<b>Fractal and Multifractal Scaling of Electrical Conduction in Random Resistor Networks</b>	Entry	00614	219/219
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: <a href="#">REDNER, SIDNEY</a>			
<b>Fractal and Multifractal Time Series</b>	Entry	00620	220/220
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: <a href="#">KANTELHARDT, JAN W.</a>			



<b>Fractal and Transfractal Scale-Free Networks</b>	Entry	00611	221/221
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: ROZENFELD, HERNAN			
... author #2: GALLOS, LAZAROS K.			
... author #3: SONG, CHAOMING			
... author #4: MAKSE, HERNAN			
<b>Fractal Geometry, A Brief Introduction to</b>	Entry	00855	222/222
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: BUNDE, ARMIN			
... author #2: HAVLIN, SHLOMO			
<b>Fractal Growth Processes</b>	Entry	00606	223/223
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: SANDER, LEONARD			
<b>Fractal Structures in Condensed Matter Physics</b>	Entry	00035	224/224
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: NAKAYAMA, TSUNEYOSHI			
<b>Fractals and Economics</b>	Entry	00619	225/225
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: TAKAYASU, MISAOKO			
... author #2: TAKAYASU, HIDEKI			
<b>Fractals and Multifractals, Introduction to</b>	Entry	00835	226/226
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: BEN-AVRAHAM, DANIEL			
<b>Fractals and Percolation</b>	Entry	00609	227/227
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: STRELNIKER, YAKOV			
... author #2: HAVLIN, SHLOMO			
... author #3: BUNDE, ARMIN			
<b>Fractals and Wavelets: What can we learn on Transcription and Replication from Wavelet-based Multifractal Analysis of DNA Sequences</b>	Entry	00600	228/228
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: ARNEODO, ALAIN			
... author #2: AUDIT, BENJAMIN			
... author #3: BRODIE OF BRODIE, EDWARD-BENEDICT			
... author #4: NICOLAY, SAMUEL			
... author #5: TOUCHON, MARIE			
... author #6: D'AUBENTON-CARAFIA, YVES			
... author #7: HUVET, MAXIME			
... author #8: THERMES, CLAUDE			
<b>Fractals in Biology</b>	Entry	00621	229/229
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: BULDYREV, SERGEY			
<b>Fractals in Geology and Geophysics</b>	Entry	00603	230/230
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: TURCOTTE, DONALD L.			
<b>Fractals in the Quantum Theory of Spacetime</b>	Entry	00617	231/231
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: NOTTALE, LAURENT			
<b>Fractals meet Chaos</b>	Entry	00602	232/232
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: CRILLY, TONY			
<b>Freeway Traffic Management and Control</b>	Entry	00255	233/233
section [editor]: <i>Traffic Management, Complex Dynamics of [Kerner]</i>			
first author: HEGYI, ANDREAS			
... author #2: BELLEMANS, TOM			
... author #3: DE SCHUTTER, BART			

<b>Functional Genomics for Characterization of Genome Sequences</b>	Entry	00480	234/234
section [editor]: <i>Systems Biology [Galitski]</i>			
first author: <a href="#">DEUTSCHBAUER, ADAM M.</a>			
... author #2: STEINMETZ, LARS			
<b>Fuzzy Logic</b>	Entry	00769	235/235
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">ZADEH, LOTFI A.</a>			
<b>Fuzzy Logic, Type-2 and Uncertainty</b>	Entry	00731	236/236
section [editor]: <i>Soft Computing [Kacprzyk]</i>			
first author: <a href="#">JOHN, ROBERT I.</a>			
... author #2: MENDEL, JERRY M.			
<b>Fuzzy Optimization</b>	Entry	00738	237/237
section [editor]: <i>Soft Computing [Kacprzyk]</i>			
first author: <a href="#">LODWICK, WELDON</a>			
... author #2: UNTIEDT, ELIZABETH			
<b>Fuzzy Probability Theory</b>	Entry	00798	238/238
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">BEER, MICHAEL</a>			
<b>Fuzzy Sets Theory, Foundations of</b>	Entry	00730	239/239
section [editor]: <i>Soft Computing [Kacprzyk]</i>			
first author: <a href="#">KACPRZYK, JANUSZ</a>			
<b>Fuzzy System Models Evolution from Fuzzy Rulebases to Fuzzy Functions</b>	Entry	00775	240/240
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">TÜRKSEN, I. BURHAN</a>			
<b>Game Theory and Strategic Complexity</b>	Entry	00448	241/241
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">CHATTERJEE, KALYAN</a>			
... author #2: SABOURIAN, HAMID			
<b>Game Theory, Introduction to</b>	Entry	00836	242/242
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">SOTOMAYOR, MARILDA</a>			
<b>GARCH Modeling</b>	Entry	00220	243/243
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">HAFNER, CHRISTIAN</a>			
<b>Genetic and Evolutionary Algorithms and Programming: General Introduction and Application to Game Playing</b>	Entry	00244	244/244
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i>			
first author: <a href="#">ORLOV, MICHAEL</a>			
... author #2: SIPPER, MOSHE			
... author #3: HAUPTMAN, AMI			
<b>Genetic-fuzzy Data Mining Techniques</b>	Entry	00780	245/245
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">HONG, TZUNG-PEI</a>			
... author #2: CHEN, CHUN-HAO			
... author #3: TSENG, VINCENT S.			
<b>Genome Organization</b>	Entry	00475	246/246
section [editor]: <i>Systems Biology [Galitski]</i>			
first author: <a href="#">GLUSMAN, GUSTAVO</a>			
... author #2: SMIT, ARIAN			
<b>Geo-Complexity and Earthquake Prediction</b>	Entry	00306	247/247
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">KEILIS-BOROK, VLADIMIR</a>			
... author #2: SOLOVIEV, ALEXANDRE			
... author #3: GABRIELOV, ANDREI			

<b>Geometric Phase and Related Phenomena in Quantum Nanosystems</b>	Entry	00698	248/248
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i> first author: <a href="#">XIONG, SHI-JIE</a>			
<b>Glasses and Aging, A Statistical Mechanics Perspective on</b>	Entry	00037	249/249
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: <a href="#">BERTHIER, LUDOVIC</a> ... author #2: <a href="#">BIROLI, GIULIO</a>			
<b>Gliders in Cellular Automata</b>	Entry	00108	250/250
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i> first author: <a href="#">BAYS, CARTER</a>			
<b>GPS: Applications in Crustal Deformation Monitoring</b>	Entry	00328	251/251
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i> first author: <a href="#">MURRAY, JESSICA</a>			
<b>Granular Model for Data Mining</b>	Entry	00783	252/252
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">WASILEWSKA, ANITA</a> ... author #2: <a href="#">MENASALVAS, ERNESTINA</a>			
<b>Granular computing and data mining for ordered data: the Dominance-based Rough Set Approach</b>	Entry	00781	253/253
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">GRECO, SALVATORE</a> ... author #2: <a href="#">MATARAZZO, BENEDETTO</a> ... author #3: <a href="#">SLOWINSKI, ROMAN</a>			
<b>Granular Computing and Modeling of the Uncertainty in Quantum Mechanics</b>	Entry	00796	254/254
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">CHANG, KOW-LUNG</a>			
<b>Granular Computing System Vulnerabilities: Exploring the Dark Side of Social Networking Communities</b>	Entry	00785	255/255
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">WEBB, STEVE</a> ... author #2: <a href="#">CAVERLEE, JAMES</a> ... author #3: <a href="#">PU, CALTON</a>			
<b>Granular Computing, Information Models for</b>	Entry	00800	256/256
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">DEMURJIAN, STEVEN A.</a>			
<b>Granular Computing, Introduction to</b>	Entry	00837	257/257
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">LIN, TSAU Y.</a>			
<b>Granular Computing, Philosophical Foundation for</b>	Entry	00804	258/258
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">CHEN, ZHENGXIN</a>			
<b>Granular Computing, Principles and Perspectives of</b>	Entry	00784	259/259
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">HAN, JIANCHAO</a> ... author #2: <a href="#">CERCONE, NICK</a>			
<b>Granular Computing: Practices, Theories and Future Directions</b>	Entry	00770	260/260
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">LIN, TSAU Y.</a>			
<b>Granular Flows</b>	Entry	00038	261/261
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: <a href="#">DUFTY, JAMES</a>			
<b>Granular Neural Network</b>	Entry	00776	262/262
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">ZHANG, YAN-QING</a>			

<b>Granulation of Knowledge: Similarity Based Approach in Information and Decision Systems</b>		00788	263 / 263
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">POLKOWSKI, LECH</a>			
<b>Ground Motion: Complexity and Scaling in the Near Field of Earthquake Ruptures</b>		00330	264 / 264
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">MAI, P. MARTIN</a>			
<b>Group Model Building</b>	Entry	00577	265 / 265
section [editor]: <i>System Dynamics [Dangerfield]</i>			
first author: <a href="#">ROUWETTE, ETIENNE</a>			
... author #2: <a href="#">VENNIX, JAC</a>			
<b>Growth Models for Networks</b>	Entry	00239	266 / 266
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i>			
first author: <a href="#">DOROGOVTSSEV, SERGEY</a>			
<b>Growth Phenomena in Cellular Automata</b>	Entry	00095	267 / 267
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">GRAVNER, JANKO</a>			
<b>Hamilton-Jacobi Equations and weak KAM Theory</b>	Entry	00525	268 / 268
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i>			
first author: <a href="#">SICONOLFI, ANTONIO</a>			
<b>Hamiltonian Perturbation Theory (and Transition to Chaos)</b>	Entry	00139	269 / 269
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">BROER, HENK</a>			
... author #2: <a href="#">HANSSMANN, HEINZ</a>			
<b>Health Care in the United Kingdom and Europe, System Dynamics Applications to</b>		00570	270 / 270
section [editor]: <i>System Dynamics [Dangerfield]</i>			
first author: <a href="#">WOLSTENHOLME, ERIC</a>			
<b>Health Care in the United States, System Dynamics Applications to</b>	Entry	00571	271 / 271
section [editor]: <i>System Dynamics [Dangerfield]</i>			
first author: <a href="#">HIRSCH, GARY B.</a>			
... author #2: <a href="#">HOMER, JACK</a>			
<b>Hierarchical Dynamics</b>	Entry	00304	272 / 272
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i>			
first author: <a href="#">NILSSON JACOBI, MARTIN</a>			
<b>Human Behavior, Dynamics of</b>	Entry	00653	273 / 273
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">WHITE, DOUGLAS R.</a>			
<b>Human Robot Interaction</b>	Entry	00756	274 / 274
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">FEIL-SEIFER, DAVID</a>			
... author #2: <a href="#">MATARIC, MAJA</a>			
<b>Human Sexual Networks</b>	Entry	00243	275 / 275
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i>			
first author: <a href="#">LILJEROS, FREDRIK</a>			
<b>Human-Environment Interactions, Complex Systems Approaches for Dynamic Sustainable Development</b>		00003	276 / 276
section [editor]: <i>Ecological Complexity [Li]</i>			
first author: <a href="#">NEWMAN, LENORE</a>			
<b>Hybrid Control Systems</b>	Entry	00167	277 / 277
section [editor]: <i>Systems and Control Theory [Kawski]</i>			
first author: <a href="#">TEEL, ANDREW</a>			
... author #2: <a href="#">SANFELICE, RICARDO G.</a>			
... author #3: <a href="#">GOEBEL, RAFAL</a>			

<b>Hybrid Soft Computing Models for Systems Modeling and Control</b>	Entry	00736	278/278
section [editor]: <i>Soft Computing [Kacprzyk]</i>			
first author: <a href="#">CASTILLO, OSCAR</a>			
... author #2: MELIN, PATRICIA			
<b>Hyperbolic Conservation Laws</b>	Entry	00527	279/279
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i>			
first author: <a href="#">BRESSAN, ALBERTO</a>			
<b>Hyperbolic Dynamical Systems</b>	Entry	00078	280/280
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i>			
first author: <a href="#">ARAÚJO, VITOR</a>			
... author #2: VIANA, MARCELO			
<b>Identification of Cellular Automata</b>	Entry	00110	281/281
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">ADAMATZKY, ANDREW</a>			
<b>Image Based State Estimation</b>	Entry	00554	282/282
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">GANS, NICHOLAS</a>			
... author #2: HU, GUOQIANG			
... author #3: DIXON, WARREN			
<b>Immunecomputing</b>	Entry	00121	283/283
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">TIMMIS, JON</a>			
<b>Implementation Theory</b>	Entry	00440	284/284
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">CORCHÓN, LUIS</a>			
<b>Infinite Dimensional Controllability</b>	Entry	00521	285/285
section [editor]: <i>EIC Selections [Meyers]</i>			
first author: <a href="#">GLASS, OLIVIER</a>			
<b>Information Theoretic Complexity Measures</b>	Entry	00175	286/286
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">BONCHEV, DANAIL</a>			
<b>Infrasound from Earthquakes, Tsunamis and Volcanoes</b>	Entry	00331	287/287
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">GARCES, MILTON</a>			
... author #2: LÉPICHON, ALEXIS			
<b>Inspection Games</b>	Entry	00454	288/288
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">AVENHAUS, RUDOLF</a>			
... author #2: CANTY, MORTON			
<b>Intelligent Control</b>	Entry	00687	289/289
section [editor]: <i>Intelligent Systems [Hendler]</i>			
first author: <a href="#">DE SILVA, CLARENCE</a>			
<b>Intelligent Systems, Introduction to</b>	Entry	00838	290/290
section [editor]: <i>Intelligent Systems [Hendler]</i>			
first author: <a href="#">HENDLER, JAMES A.</a>			
<b>Intentionality: A Naturalization Proposal on the Basis of Complex Dynamical Systems</b>	Entry	00763	291/291
section [editor]: <i>Synergetics [Haken]</i>			
first author: <a href="#">TSCHACHER, WOLFGANG</a>			
<b>Interaction Based Computing in Physics</b>	Entry	00422	292/292
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i>			
first author: <a href="#">BAGNOLI, FRANCO</a>			

<b>Intermittency and Localization</b>	Entry	00652	293/293
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">YAARI, GUR</a>			
... author #2: STAUFFER, DIETRICH			
... author #3: SOLOMON, SORIN			
<b>Internet Topology</b>	Entry	00249	294/294
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i>			
first author: <a href="#">HE, YIHUA</a>			
... author #2: SIGANOS, GEORGOS			
... author #3: FALOUTSOS, MICHALIS			
<b>Invasion Percolation</b>	Entry	00403	295/295
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">KNACKSTEDT, MARK A.</a>			
... author #2: PATERSON, LINCOLN			
<b>Inverse Scattering Transform and the Theory of Solitons</b>	Entry	00465	296/296
section [editor]: <i>Solitons [Helal]</i>			
first author: <a href="#">AKTOSUN, TUNCAY</a>			
<b>Investment Decision Making in Finance, Models of</b>	Entry	00662	297/297
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">VITTING ANDERSEN, JØRGEN</a>			
<b>Isomorphism Theory in Ergodic Theory</b>	Entry	00280	298/298
section [editor]: <i>Ergodic Theory [Kra]</i>			
first author: <a href="#">HOFFMAN, CHRIS</a>			
<b>Jamming of Granular Matter</b>	Entry	00039	299/299
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">CHAKRABORTY, BULBUL</a>			
... author #2: BEHRINGER, BOB			
<b>Jerky Motion in Slowly Driven Magnetic and Earthquake Fault Systems, Physics of</b>	Entry	00543	300/300
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">DAHMEN, KARIN</a>			
... author #2: BEN ZION, YEHUDA			
<b>Joinings in Ergodic Theory</b>	Entry	00281	301/301
section [editor]: <i>Ergodic Theory [Kra]</i>			
first author: <a href="#">DE LA RUE, THIERRY</a>			
<b>Knowledge Discovery: Clustering</b>	Entry	00393	302/302
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i>			
first author: <a href="#">BERKHIN, PAVEL</a>			
... author #2: DHILLON, INDERJIT			
<b>Kolmogorov-Arnold-Moser (KAM) Theory</b>	Entry	00141	303/303
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">CHIERCHIA, LUIGI</a>			
<b>Korteweg-de Vries Equation (KdV) , Different Analytical Methods for Solving the</b>	Entry	00466	304/304
section [editor]: <i>Solitons [Helal]</i>			
first author: <a href="#">REN, YU-JIE</a>			
<b>Korteweg-de Vries Equation (KdV) and Modified Korteweg-de Vries Equation (mKdV), Semi-analytical Methods for Solving the</b>	Entry	00467	305/305
section [editor]: <i>Solitons [Helal]</i>			
first author: <a href="#">KAYA, DOGAN</a>			
<b>Korteweg-de Vries Equation (KdV), Some Numerical Methods for Solving the</b>	Entry	00469	306/306
section [editor]: <i>Solitons [Helal]</i>			
first author: <a href="#">INC, MUSTAFA</a>			
<b>Korteweg-de Vries Equation: History, Exact N-soliton Solutions and Further Properties</b>	Entry	00464	307/307
section [editor]: <i>Solitons [Helal]</i>			
first author: <a href="#">ZHANG, YI</a>			

<b>Learning and Planning (Intelligent Systems)</b>	Entry	00693	308/308
section [editor]: <i>Intelligent Systems [Hendler]</i> first author: <a href="#">KUTER, UGUR</a>			
<b>Learning in Games</b>	Entry	00449	309/309
section [editor]: <i>Game Theory [Sotomayor]</i> first author: <a href="#">NACHBAR, JOHN</a>			
<b>Learning, System Identification, and Complexity</b>	Entry	00169	310/310
section [editor]: <i>Systems and Control Theory [Kawski]</i> first author: <a href="#">VIDYASAGAR, M.</a>			
<b>Levy Statistics and Anomalous Transport: Levy flights and Subdiffusion</b>	Entry	00293	311/311
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i> first author: <a href="#">METZLER, RALF</a> ... author #2: <a href="#">CHECHKIN, ALEKSEI</a> ... author #3: <a href="#">KLAFTER, JOSEPH</a>			
<b>Linear and Nonlinear Fokker-Planck Equations</b>	Entry	00764	312/312
section [editor]: <i>Synergetics [Haken]</i> first author: <a href="#">FRANK, TILL</a>			
<b>Link Analysis and Web Search</b>	Entry	00246	313/313
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: <a href="#">BJELLAND, JOHANNES</a> ... author #2: <a href="#">CANRIGHT, GEOFFREY</a> ... author #3: <a href="#">ENGØ-MONSEN, KENTH</a>			
<b>Logic and Geometry of Agents in Agent Based Modeling</b>	Entry	00413	314/314
section [editor]: <i>Agent Based Modeling and Simulation [Castiglione]</i> first author: <a href="#">ABRAMSKY, SAMSON</a>			
<b>Lyapunov-Schmidt Method for Dynamical Systems</b>	Entry	00072	315/315
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i> first author: <a href="#">VANDERBAUWHEDÉ, A.</a>			
<b>Machine Learning, Ensemble Methods in</b>	Entry	00392	316/316
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i> first author: <a href="#">DZEROSKI, SAŠO</a> ... author #2: <a href="#">PANOV, PANCE</a> ... author #3: <a href="#">ZENKO, BERNARD</a>			
<b>Macroeconomics, Nonlinear Time Series in</b>	Entry	00213	317/317
section [editor]: <i>Finance and Econometrics [Mizrach]</i> first author: <a href="#">MORLEY, JAMES</a>			
<b>Manipulating Data and Dimension Reduction Methods: Feature Selection</b>	Entry	00384	318/318
section [editor]: <i>Data Mining and Knowledge Discovery [Kokol]</i> first author: <a href="#">LIU, HUAN</a> ... author #2: <a href="#">ZHAO, ZHENG</a>			
<b>Market Games and Clubs</b>	Entry	00431	319/319
section [editor]: <i>Game Theory [Sotomayor]</i> first author: <a href="#">WOODERS, MYRNA</a>			
<b>Market Microstructure</b>	Entry	00226	320/320
section [editor]: <i>Finance and Econometrics [Mizrach]</i> first author: <a href="#">VEGA, CLARA</a> ... author #2: <a href="#">MILLER, CHRISTIAN S.</a>			
<b>Market Microstructure, Foreign Exchange</b>	Entry	00227	321/321
section [editor]: <i>Finance and Econometrics [Mizrach]</i> first author: <a href="#">OSLER, CAROL</a>			
<b>Marketing: Complexity Modeling, Theory and Applications in</b>	Entry	00816	322/322
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: <a href="#">GOLDENBERG, JACOB</a> ... author #2: <a href="#">SHAPIRA, DANI</a>			



<b>Mathematical Basis of Cellular Automata, Introduction to</b>	Entry	00818	323/323
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: <a href="#">ADAMATZKY, ANDREW</a>			
<b>Maximum Principle in Optimal Control</b>	Entry	00157	324/324
section [editor]: <i>Systems and Control Theory [Kawski]</i>			
first author: <a href="#">JURDJEVIC, VELIMIR</a>			
<b>Measure Preserving Systems</b>	Entry	00265	325/325
section [editor]: <i>Ergodic Theory [Kra]</i>			
first author: <a href="#">PETERSEN, KARL</a>			
<b>Mechanical Computing: The Computational Complexity of Physical Devices</b>	Entry	00128	326/326
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">REIF, JOHN H.</a>			
<b>Mechanical Systems: Symmetry and Reduction</b>	Entry	00162	327/327
section [editor]: <i>Systems and Control Theory [Kawski]</i>			
first author: <a href="#">MARSDEN, JERROLD</a>			
... author #2: <a href="#">RATIU, TUDOR</a>			
<b>Mechanism Design</b>	Entry	00445	328/328
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">LAVI, RON</a>			
<b>Membrane Computing</b>	Entry	00129	329/329
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">PĂUN, GHEORGHE</a>			
<b>Metabolic Systems Biology</b>	Entry	00487	330/330
section [editor]: <i>Systems Biology [Galitski]</i>			
first author: <a href="#">LEWIS, NATHAN E.</a>			
... author #2: <a href="#">JAMSHIDI, NEEMA</a>			
... author #3: <a href="#">THIELE, INES</a>			
... author #4: <a href="#">PALSSON, BERNHARD</a>			
<b>Microeconometrics</b>	Entry	00224	331/331
section [editor]: <i>Finance and Econometrics [Mizrach]</i>			
first author: <a href="#">TRIVEDI, PRAVIN K.</a>			
<b>Microfluidics</b>	Entry	00043	332/332
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">GHOSAL, SANDIP</a>			
<b>Minority Games</b>	Entry	00812	333/333
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">ZHANG, YI-CHENG</a>			
... author #2: <a href="#">YEUNG, C.H.</a>			
<b>Mobile Agents</b>	Entry	00695	334/334
section [editor]: <i>Intelligent Systems [Hendler]</i>			
first author: <a href="#">SURI, NIRANJAN</a>			
... author #2: <a href="#">VITEK, JAN</a>			
<b>Modular Self-reconfigurable Robots</b>	Entry	00545	335/335
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">YIM, MARK</a>			
... author #2: <a href="#">WHITE, PAUL</a>			
... author #3: <a href="#">PARK, MICHAEL</a>			
... author #4: <a href="#">SASTRA, JIMMY</a>			
<b>Molecular Automata</b>	Entry	00126	336/336
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">MACDONALD, JOANNE</a>			
... author #2: <a href="#">STEFANOVIC, DARKO</a>			
... author #3: <a href="#">STOJANOVIC, MILAN</a>			

<b>Molecular Evolution, Networks in</b>	Entry	00187	337/337
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">WAGNER, ANDREAS</a>			
<b>Monte Carlo Simulations in Statistical Physics</b>	Entry	00045	338/338
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">BINDER, KURT</a>			
<b>Moral Dynamics</b>	Entry	00669	339/339
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">HEGSELMANN, RAINER</a>			
<b>Motifs in Graphs</b>	Entry	00237	340/340
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i>			
first author: <a href="#">VALVERDE, SERGI</a>			
... author #2: <a href="#">SOLE, RICARD</a>			
<b>Motion Prediction for Continued Autonomy</b>	Entry	00553	341/341
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">SZNAIER, MARIO</a>			
... author #2: <a href="#">CAMPS, OCTAVIA</a>			
<b>Movement Coordination</b>	Entry	00803	342/342
section [editor]: <i>Synergetics [Haken]</i>			
first author: <a href="#">KELSO, J. A. SCOTT</a>			
... author #2: <a href="#">FUCHS, ARMIN</a>			
<b>Multi-Granular Computing and Quotient Structure</b>	Entry	00787	343/343
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">ZHANG, LING</a>			
... author #2: <a href="#">ZHANG, BO</a>			
<b>Multimillion Atom Simulations with Nemo3D</b>	Entry	00681	344/344
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i>			
first author: <a href="#">AHMED, SHAIKH SHAHID</a>			
... author #2: <a href="#">KHARCHE, NEERAV</a>			
... author #3: <a href="#">RAHMAN, RAJIB</a>			
... author #4: <a href="#">USMAN, MUHAMMAD</a>			
... author #5: <a href="#">LEE, SUNHEE</a>			
... author #6: <a href="#">RYU, HOON</a>			
... author #7: <a href="#">BAE, HANSANG</a>			
... author #8: <a href="#">CLARK, STEVE</a>			
... author #9: <a href="#">HALEY, BENJAMIN</a>			
... author #10: <a href="#">NAUMOV, MAXIM</a>			
... author #11: <a href="#">SAIED, FAISAL</a>			
... author #12: <a href="#">KORKUSINSKI, MAREK</a>			
... author #13: <a href="#">KENNEL, RICK</a>			
... author #14: <a href="#">MCLENNAN, MICHAEL</a>			
... author #15: <a href="#">KLIMECK, GERHARD</a>			
... author #16: <a href="#">BOYKIN, TIMOTHY B.</a>			
<b>Multiple Mobile Robot Teams, Path Planning and Motion Coordination in</b>	Entry	00550	345/345
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: <a href="#">PARKER, LYNNE</a>			
<b>Multivariate Splines and their Applications</b>	Entry	00062	346/346
section [editor]: <i>Wavelets [Aboufadel]</i>			
first author: <a href="#">LAI, MING-JUN</a>			
<b>Multiwavelets</b>	Entry	00064	347/347
section [editor]: <i>Wavelets [Aboufadel]</i>			
first author: <a href="#">KEINERT, FRITZ</a>			
<b>N-body Problem and Choreographies</b>	Entry	00143	348/348
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">TERRACINI, SUSANNA</a>			

<b>Nanocomputers</b>	Entry	00125	349/349
section [editor]: <i>Unconventional Computing [Adamatzky]</i> first author: <a href="#">PEPER, FERDINAND</a>			
<b>Nanoscale Atomic Clusters, Complexity of</b>	Entry	00195	350/350
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">FRENKEL, ANATOLY</a> ... author #2: YANG, JUDITH C. ... author #3: JOHNSON, DUANE D. ... author #4: NUZZO, RALPH G.			
<b>Nanoscale Processes, Modeling Coupled and Transport Phenomena in Nanotechnology</b>		00359	351/351
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i> first author: <a href="#">MELNIK, RODERICK</a>			
<b>Navier-Stokes Equations: A Mathematical Analysis</b>	Entry	00523	352/352
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i> first author: <a href="#">GALDI, GIOVANNI P.</a>			
<b>Nekhoroshev Theory</b>	Entry	00142	353/353
section [editor]: <i>Perturbation Theory [Gaeta]</i> first author: <a href="#">NIEDERMAN, LAURENT</a>			
<b>Network Analysis, Longitudinal Methods of</b>	Entry	00204	354/354
section [editor]: <i>Social Network Analysis [Scott]</i> first author: <a href="#">SNIJDERS, TOM A. B.</a>			
<b>Networks and Stability</b>	Entry	00450	355/355
section [editor]: <i>Game Theory [Sotomayor]</i> first author: <a href="#">PAGE, FRANK H.</a> ... author #2: WOODERS, MYRNA			
<b>Networks, Flexibility and Mobility in</b>	Entry	00410	356/356
section [editor]: <i>Percolation [Sahimi]</i> first author: <a href="#">THORPE, MICHAEL F.</a>			
<b>Networks: Structure and Dynamics</b>	Entry	00046	357/357
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: <a href="#">RAVASZ REGAN, ERZSÉBET</a>			
<b>Neuro Fuzzy Control of Autonomous Robotics</b>	Entry	00544	358/358
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i> first author: <a href="#">STINGU, PETRU EMANUEL</a> ... author #2: LEWIS, FRANK			
<b>Neuro-fuzzy Systems</b>	Entry	00741	359/359
section [editor]: <i>Soft Computing [Kacprzyk]</i> first author: <a href="#">RUTKOWSKI, LESZEK</a> ... author #2: CPALKA, KRZYSZTOF ... author #3: NOWICKI, ROBERT ... author #4: POKROPINSKA, AGATA ... author #5: SCHERER, RAFAL			
<b>Neuronal Dynamics</b>	Entry	00679	360/360
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: <a href="#">BRUNEL, NICOLAS</a> ... author #2: HAKIM, VINCENT			
<b>Noise and Stability in Modelocked Soliton Lasers</b>	Entry	00058	361/361
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: <a href="#">KOLNER, BRIAN H.</a>			
<b>Non Standard Analysis, An Invitation to</b>	Entry	00777	362/362
section [editor]: <i>Granular Computing [Lin]</i> first author: <a href="#">YANG, WEI-ZHE</a>			

<b>Non-Linear Ordinary Differential Equations and Dynamical Systems, Introduction to</b>	Entry	00839	363/363
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i> first author: VERHULST, FERDINAND			
<b>Non-Linear Partial Differential Equations, Introduction to</b>	Entry	00840	364/364
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i> first author: CAPUZZO DOLCETTA, ITALO			
<b>Non-negative Matrices and Digraphs</b>	Entry	00233	365/365
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: BERMAN, ABRAHAM ... author #2: SHAKED-MONDERER, NAOMI			
<b>Nonlinear Dynamics, Symmetry and Perturbation Theory in</b>	Entry	00137	366/366
section [editor]: <i>Perturbation Theory [Gaeta]</i> first author: GAETA, GIUSEPPE			
<b>Nonlinear Fluid Flow, Pattern Formation, Mixing and Turbulence</b>	Entry	00048	367/367
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i> first author: SOLOMON, TOM			
<b>Nonlinear Internal Waves</b>	Entry	00471	368/368
section [editor]: <i>Solitons [Helal]</i> first author: ABOU-DINA, MOUSTAFA S. ... author #2: HELAL, MOHAMED A.			
<b>Nonlinear Partial Differential Equations, Viscosity Solution Method in</b>	Entry	00542	369/369
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i> first author: KOIKE, SHIGEAKI			
<b>Nonlinear Stochastic Partial Differential Equations</b>	Entry	00535	370/370
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i> first author: DA PRATO, GIUSEPPE			
<b>Nonparametric Tests for Independence</b>	Entry	00215	371/371
section [editor]: <i>Finance and Econometrics [Mizrach]</i> first author: DIKS, CEES			
<b>Nonsmooth Analysis in Systems and Control Theory</b>	Entry	00158	372/372
section [editor]: <i>Systems and Control Theory [Kawski]</i> first author: CLARKE, FRANCIS			
<b>Normal Forms in Perturbation Theory</b>	Entry	00133	373/373
section [editor]: <i>Perturbation Theory [Gaeta]</i> first author: BROER, HENK			
<b>Numerical Bifurcation Analysis</b>	Entry	00081	374/374
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i> first author: MEIJER, HIL ... author #2: DERCOLE, FABIO ... author #3: OLDEMAN, BART			
<b>Numerical Issues When Using Wavelets</b>	Entry	00066	375/375
section [editor]: <i>Wavelets [Aboufadel]</i> first author: STARCK, JEAN-LUC ... author #2: FADILI, JALAL			
<b>Numerical Methods for Nonlinear Partial Differential Equations</b>	Entry	00536	376/376
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i> first author: TADMOR, EITAN			
<b>Observability (Deterministic Systems) and Realization Theory</b>	Entry	00159	377/377
section [editor]: <i>Systems and Control Theory [Kawski]</i> first author: GAUTHIER, JEAN-PAUL ANDRÉ			

<b>Opinions Dynamics and Sociophysics</b>	Entry	00642	378/378
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">STAUFFER, DIETRICH</a>			
<b>Optical Computing</b>	Entry	00119	379/379
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: <a href="#">NAUGHTON, THOMAS J.</a>			
... author #2: <a href="#">WOODS, DAMIEN</a>			
<b>Optimization Problems and Algorithms from Computer Science</b>	Entry	00049	380/380
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">RIEGER, HEIKO</a>			
<b>Orbital Dynamics, Chaos in</b>	Entry	00511	381/381
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: <a href="#">HADJIDEMETRIOU, JOHN</a>			
<b>Partial Differential Equations that Lead to Solitons</b>	Entry	00460	382/382
section [editor]: <i>Solitons [Helal]</i>			
first author: <a href="#">KAYA, DOGAN</a>			
<b>Patterns and Interfaces in Dissipative Dynamics</b>	Entry	00761	383/383
section [editor]: <i>Synergetics [Haken]</i>			
first author: <a href="#">PISMEN, LEN</a>			
<b>Pedestrian, Crowd and Evacuation Dynamics</b>	Entry	00262	384/384
section [editor]: <i>Traffic Management, Complex Dynamics of [Kerner]</i>			
first author: <a href="#">HELBING, DIRK</a>			
... author #2: <a href="#">JOHANSSON, ANDERS</a>			
<b>Percolation and Polymer Morphology and Rheology</b>	Entry	00411	385/385
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">SAHIMI, MUHAMMAD</a>			
<b>Percolation in Complex Networks</b>	Entry	00405	386/386
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">COHEN, REUVEN</a>			
... author #2: <a href="#">HAVLIN, SHLOMO</a>			
<b>Percolation in Porous Media</b>	Entry	00407	387/387
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">KING, PETER R.</a>			
... author #2: <a href="#">MASIHI, MOHSEN</a>			
<b>Percolation Lattices, Efficient Simulation of Large</b>	Entry	00399	388/388
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">ZIFF, ROBERT M.</a>			
<b>Percolation Phase Transition</b>	Entry	00397	389/389
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">SAHIMI, MUHAMMAD</a>			
<b>Percolation Thresholds, Exact</b>	Entry	00398	390/390
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">WIERMAN, JOHN C.</a>			
<b>Percolation, and Faults and Fractures in Rock</b>	Entry	00408	391/391
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">ADLER, PIERRE M.</a>			
... author #2: <a href="#">THOVERT, JEAN-FRANCOIS</a>			
... author #3: <a href="#">MOURZENKO, VALERI</a>			
<b>Percolation, Introduction to</b>	Entry	00841	392/392
section [editor]: <i>Percolation [Sahimi]</i>			
first author: <a href="#">SAHIMI, MUHAMMAD</a>			

<b>Periodic Orbits of Hamiltonian Systems</b>	Entry	00073	393/393
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i>			
first author: <a href="#">SBANO, LUCA</a>			
<b>Periodic Solutions of Non-autonomous Ordinary Differential Equations</b>	Entry	00070	394/394
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i>			
first author: <a href="#">MAWHIN, JEAN</a>			
<b>Perturbation Analysis of Parametric Resonance</b>	Entry	00135	395/395
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">VERHULST, FERDINAND</a>			
<b>Perturbation of Equilibria in the Mathematical Theory of Evolution</b>	Entry	00154	396/396
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">SANCHEZ, ANGEL</a>			
<b>Perturbation of Systems with Nilpotent Real Part</b>	Entry	00153	397/397
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">GRAMCHEV, TODOR</a>			
<b>Perturbation Theory</b>	Entry	00132	398/398
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">GALLAVOTTI, GIOVANNI</a>			
<b>Perturbation Theory and Molecular Dynamics</b>	Entry	00147	399/399
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">PANATI, GIANLUCA</a>			
<b>Perturbation Theory for Non-smooth Systems</b>	Entry	00152	400/400
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">TEIXEIRA, MARCO ANTÔNIO</a>			
<b>Perturbation Theory for PDEs</b>	Entry	00138	401/401
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">BAMBUSI, DARIO</a>			
<b>Perturbation Theory in Celestial Mechanics</b>	Entry	00140	402/402
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">CELLETTI, ALESSANDRA</a>			
<b>Perturbation Theory in Quantum Mechanics</b>	Entry	00145	403/403
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">PICASSO, LUIGI ETTORRE</a>			
... author #2: BRACCI, LUCIANO			
... author #3: D'EMILIO, EMILIO			
<b>Perturbation Theory, Introduction to</b>	Entry	00842	404/404
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">GAETA, GIUSEPPE</a>			
<b>Perturbation Theory, Semiclassical</b>	Entry	00148	405/405
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">SACCHETTI, ANDREA</a>			
<b>Perturbative Expansions, Convergence of</b>	Entry	00136	406/406
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: <a href="#">WALCHER, SEBASTIAN</a>			
<b>Phase Transitions in Cellular Automata</b>	Entry	00104	407/407
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first author: <a href="#">BOCCARA, NINO</a>			
<b>Phase Transitions on Fractals and Networks</b>	Entry	00610	408/408
section [editor]: <i>Fractals and Multifractals [Havlin]</i>			
first author: <a href="#">STAUFFER, DIETRICH</a>			

<b>Philosophy of Science, Mathematical Models in</b>	Entry	00590	409/409
section [editor]: <i>EiC Selections [Meyers]</i>			
first author: <a href="#">DOMOTOR, ZOLTAN</a>			
<b>Physics and Mathematics Applications in Social Science</b>	Entry	00637	410/410
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">STAUFFER, DIETRICH</a>			
... author #2: <a href="#">SOLOMON, SORIN</a>			
<b>Polymer Physics</b>	Entry	00051	411/411
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">MCLEISH, TCB</a>			
<b>Polymers, Nonlinearity in</b>	Entry	00194	412/412
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">NITTA, KOH-HEI</a>			
<b>Popular Wavelet Families and Filters and their Use</b>	Entry	00060	413/413
section [editor]: <i>Wavelets [Aboufadel]</i>			
first author: <a href="#">LAI, MING-JUN</a>			
<b>Positional Analysis and Blockmodelling</b>	Entry	00198	414/414
section [editor]: <i>Social Network Analysis [Scott]</i>			
first author: <a href="#">DOREIAN, PATRICK</a>			
<b>Possibility Theory</b>	Entry	00810	415/415
section [editor]: <i>Soft Computing [Kacprzyk]</i>			
first author: <a href="#">DUBOIS, DIDIER</a>			
... author #2: <a href="#">PRADE, HENRI</a>			
<b>Pressure and Equilibrium States in Ergodic Theory</b>	Entry	00284	416/416
section [editor]: <i>Ergodic Theory [Kra]</i>			
first author: <a href="#">CHAZOTTES, JEAN-RENÉ</a>			
... author #2: <a href="#">KELLER, GERHARD</a>			
<b>Pressure Impulses Generated by Bubbles Interacting with Ambient Perturbations</b>	Entry	00332	417/417
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">ICHIHARA, MIE</a>			
... author #2: <a href="#">NISHIMURA, TAKESHI</a>			
<b>Principal-agent Models</b>	Entry	00442	418/418
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">MACHO-STADLER, INÉS</a>			
... author #2: <a href="#">PEREZ CASTRILLO, DAVID</a>			
<b>Probability and Statistics in Complex Systems, Introduction to</b>	Entry	00813	419/419
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i>			
first author: <a href="#">JENSEN, HENRIK JELDTOT</a>			
<b>Probability Densities in Complex Systems, Measuring.</b>	Entry	00296	420/420
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i>			
first author: <a href="#">PRUESSNER, GUNNAR</a>			
<b>Probability Distributions in Complex Systems</b>	Entry	00297	421/421
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i>			
first author: <a href="#">SORNETTE, DIDIER</a>			
<b>Public Policy, System Dynamics Applications to</b>	Entry	00572	422/422
section [editor]: <i>System Dynamics [Dangerfield]</i>			
first author: <a href="#">ANDERSEN, DAVID</a>			
... author #2: <a href="#">RICH, ELIOT</a>			
... author #3: <a href="#">MACDONALD, RODERICK</a>			
<b>QSAR Modeling and QSAR Based Virtual Screening, Complexity and Challenges of Modern</b>	Entry	00185	423/423
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: <a href="#">TROP SHA, ALEXANDER</a>			



<b>Quantum Algorithms</b>	Entry	00003	424 / 424
section [editor]: <i>Quantum Information Science [Traub]</i>			
first author: MOSCA, MICHELE			
<b>Quantum Algorithms and Complexity for Continuous Problems</b>	Entry	00004	425 / 425
section [editor]: <i>Quantum Information Science [Traub]</i>			
first author: PAPAGEORGIOU, ANARGYROS			
... author #2: TRAUB, JOSEPH F.			
<b>Quantum Bifurcations</b>	Entry	00146	426 / 426
section [editor]: <i>Perturbation Theory [Gaeta]</i>			
first author: ZHILINSKII, BORIS			
<b>Quantum Cellular Automata</b>	Entry	00105	427 / 427
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: WIESNER, KAROLINE			
<b>Quantum Chaos</b>	Entry	00054	428 / 428
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: CASATI, GIULIO			
... author #2: PROSEN, TOMAZ			
<b>Quantum Computational Complexity</b>	Entry	00006	429 / 429
section [editor]: <i>Quantum Information Science [Traub]</i>			
first author: WATROUS, JOHN			
<b>Quantum Computing</b>	Entry	00117	430 / 430
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: KENDON, VIV			
<b>Quantum Computing Using Optics</b>	Entry	00009	431 / 431
section [editor]: <i>Quantum Information Science [Traub]</i>			
first author: MILBURN, GERARD J.			
... author #2: WHITE, ANDREW G.			
<b>Quantum Computing with Trapped Ions</b>	Entry	00007	432 / 432
section [editor]: <i>Quantum Information Science [Traub]</i>			
first author: LANGE, WOLFGANG			
<b>Quantum Cryptography</b>	Entry	00012	433 / 433
section [editor]: <i>Quantum Information Science [Traub]</i>			
first author: LO, HOI-KWONG			
... author #2: ZHAO, YI			
<b>Quantum Dot Spin Transistors, Self-consistent Simulation of</b>	Entry	00631	434 / 434
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i>			
first author: MELNIKOV, DMITRIY V.			
... author #2: LEBURTON, JEAN-PIERRE			
<b>Quantum Dots: Fano Resonances in Aharonov-Bohm Ring</b>	Entry	00360	435 / 435
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i>			
first author: SATANIN, ARKADY			
... author #2: JOE, YONG SUK			
... author #3: HEDIN, ERIC R.			
<b>Quantum Error Correction and Fault Tolerant Quantum Computing</b>	Entry	00010	436 / 436
section [editor]: <i>Quantum Information Science [Traub]</i>			
first author: GRASSL, MARKUS			
... author #2: ROETTELER, MARTIN			
<b>Quantum Impurity Physics in Coupled Quantum Dots</b>	Entry	00697	437 / 437
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i>			
first author: ŽITKO, ROK			
... author #2: BONCA, JANEZ			

<b>Quantum Information Processing</b>	Entry	00002	438 / 438
section [editor]: <i>Quantum Information Science [Traub]</i> first author: <a href="#">LLOYD, SETH</a>			
<b>Quantum Information Science, Introduction to</b>	Entry	00843	439 / 439
section [editor]: <i>Quantum Information Science [Traub]</i> first author: <a href="#">TRAUB, JOSEPH F.</a>			
<b>Quantum Phenomena in Semiconductor Nanostructures</b>	Entry	00367	440 / 440
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i> first author: <a href="#">RAVAIOLI, UMBERTO</a>			
<b>Quantum Similarity and Quantum Quantitative Structure-properties Relationships (QQSPR)</b>	Entry	00176	441 / 441
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i> first author: <a href="#">CARBÓ-DORCA, RAMON</a> ... author #2: <a href="#">GALLEGOS, ANA</a>			
<b>Quantum Simulations of Ballistic Nanowire Field Effect Transistors</b>	Entry	00699	442 / 442
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i> first author: <a href="#">SHIN, MINCHEOL</a>			
<b>Random Graphs, A Whirlwind Tour of</b>	Entry	00236	443 / 443
section [editor]: <i>Complex Networks and Graph Theory [Canright]</i> first author: <a href="#">GRAHAM, FAN CHUNG</a>			
<b>Random Matrix Theory</b>	Entry	00289	444 / 444
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i> first author: <a href="#">ERGÜN, GÜLER</a>			
<b>Random Walks in Random Environment</b>	Entry	00288	445 / 445
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i> first author: <a href="#">ZEITOUNI, OFER</a>			
<b>Rational, Goal-oriented Agents</b>	Entry	00664	446 / 446
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i> first author: <a href="#">CONTE, ROSARIA</a>			
<b>Reaction Kinetics in Fractals</b>	Entry	00613	447 / 447
section [editor]: <i>Fractals and Multifractals [Havlin]</i> first author: <a href="#">ALBANO, EZEQUIEL</a>			
<b>Reaction-diffusion Computing</b>	Entry	00122	448 / 448
section [editor]: <i>Unconventional Computing [Adamatzky]</i> first author: <a href="#">ADAMATZKY, ANDREW</a>			
<b>Record Statistics and Dynamics</b>	Entry	00301	449 / 449
section [editor]: <i>Probability and Statistics in Complex Systems [Jensen]</i> first author: <a href="#">SIBANI, PAOLO</a> ... author #2: <a href="#">JENSEN, HENRIK JELDTTOFT</a>			
<b>Regional Climate Models: Linking Global Climate Change to Local Impacts</b>	Entry	00708	450 / 450
section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i> first author: <a href="#">JACOB, DANIELA</a>			
<b>Relaxation Oscillations</b>	Entry	00076	451 / 451
section [editor]: <i>Non-Linear Ordinary Differential Equations and Dynamical Systems [Verhulst]</i> first author: <a href="#">GRASMAN, JOHAN</a>			
<b>Repeated Games with Complete Information</b>	Entry	00437	452 / 452
section [editor]: <i>Game Theory [Sotomayor]</i> first author: <a href="#">GOSSNER, OLIVIER</a> ... author #2: <a href="#">TOMALA, TRISTAN</a>			
<b>Repeated Games with Incomplete Information</b>	Entry	00806	453 / 453
section [editor]: <i>Game Theory [Sotomayor]</i> first author: <a href="#">RENAULT, JEROME</a>			

<b>Reputation Effects</b>	Entry	00455	454/454
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: MAILATH, GEORGE			
<b>Resonances in Electronic Transport Through Quantum Wires and Rings</b>	Entry	00678	455/455
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i>			
first author: VARGIAMIDIS, VASSILIOS			
<b>Reversible Cellular Automata</b>	Entry	00083	456/456
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: MORITA, KENICHI			
<b>Reversible Computing</b>	Entry	00116	457/457
section [editor]: <i>Unconventional Computing [Adamatzky]</i>			
first author: MORITA, KENICHI			
<b>Robotic Networks, Distributed Algorithms for</b>	Entry	00168	458/458
section [editor]: <i>Systems and Control Theory [Kawski]</i>			
first author: BULLO, FRANCESCO			
... author #2: CORTÉS, JORGE			
... author #3: MARTÍNEZ, SONIA			
<b>Rough and Rough-Fuzzy Sets in Design of Information Systems</b>	Entry	00797	459/459
section [editor]: <i>Granular Computing [Lin]</i>			
first author: BEAUBOUEF, THERESA			
... author #2: PETRY, FREDERICK			
<b>Rough Set Data Analysis</b>	Entry	00854	460/460
section [editor]: <i>Granular Computing [Lin]</i>			
first author: TSUMOTO, SHUSAKU			
<b>Rough Sets in Decision Making</b>	Entry	00735	461/461
section [editor]: <i>Soft Computing [Kacprzyk]</i>			
first author: SLOWINSKI, ROMAN			
... author #2: GRECO, SALVATORE			
... author #3: MATARAZZO, BENEDETTO			
<b>Rough Sets: Foundations and Perspectives</b>	Entry	00733	462/462
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first author: PETERS, JAMES			
... author #2: SKOWRON, ANDRZEJ			
... author #3: STEPANIUK, JAROSLAW			
<b>Rule Induction, Missing Attribute Values and Discretization</b>	Entry	00792	463/463
section [editor]: <i>Granular Computing [Lin]</i>			
first author: GRZYMALA-BUSSE, JERZY			
<b>Scaling Limits of Large Systems of Nonlinear Partial Differential Equations</b>	Entry	00538	464/464
section [editor]: <i>Non-Linear Partial Differential Equations [Capuzzo Dolcetta]</i>			
first author: BENEDETTO, DARIO			
... author #2: PULVIRENTI, MARIO			
<b>Scaling Properties, Fractals, and the Renormalization Group Approach to Percolation</b>	Entry	00400	465/465
section [editor]: <i>Percolation [Sahimi]</i>			
first author: STAUFFER, DIETRICH			
<b>Scenario-driven Planning with System Dynamics</b>	Entry	00573	466/466
section [editor]: <i>System Dynamics [Dangerfield]</i>			
first author: GEORGANTZAS, NICHOLAS C.			
<b>Seismic Wave Propagation in Media with Complex Geometries, Simulation of</b>	Entry	00334	467/467
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: IGEL, HEINER			
... author #2: KÄSER, MARTIN			
... author #3: STUPAZZINI, MARCO			

<b>Seismic Waves in Heterogeneous Earth, Scattering of</b>	Entry	00335	468 / 468
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: SATO, HARUO			
<b>Seismicity, Critical States of: From Models to Practical Seismic Hazard Estimates in Space</b>	Entry	00336	469 / 469
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: ZOELLER, GERT			
... author #2: HAINZL, SEBASTIAN			
... author #3: BEN ZION, YEHUDA			
... author #4: HOLSCHNEIDER, MATTHIAS			
<b>Seismicity, Statistical Physics Approaches to</b>	Entry	00811	470 / 470
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: SORNETTE, DIDIER			
... author #2: WERNER, MAXIMILIAN J.			
<b>Self-assembled Materials</b>	Entry	00192	471 / 471
section [editor]: <i>Complexity in Computational Chemistry [Bonchev]</i>			
first author: LAAKSONEN, AATTO			
... author #2: BERGSTRÖM, LENNART			
<b>Self-organised Criticality and Cellular Automata</b>	Entry	00106	472 / 472
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: CREUTZ, MICHAEL			
<b>Self-Organization and Clinical Psychology</b>	Entry	00758	473 / 473
section [editor]: <i>Synergetics [Haken]</i>			
first author: SCHIEPEK, GÜNTER			
... author #2: PERLITZ, VOLKER			
<b>Self-organization and the City</b>	Entry	00759	474 / 474
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first author: PORTUGALI, JUVAL			
<b>Self-organization in Magnetohydrodynamic Turbulence</b>	Entry	00514	475 / 475
section [editor]: <i>Chaos and Complexity in Astrophysics [Shore]</i>			
first author: VELTRI, PIERLUIGI			
... author #2: CARBONE, VINCENZO			
... author #3: LEPRETI, FABIO			
... author #4: NIGRO, GIUSY			
<b>Self-organizing Systems</b>	Entry	00587	476 / 476
section [editor]: <i>EiC Selections [Meyers]</i>			
first author: BANZHAF, WOLFGANG			
<b>Self-Replicating Robotic Systems</b>	Entry	00556	477 / 477
section [editor]: <i>Autonomous Robotics, Complexity and Nonlinearity in [Dixon]</i>			
first author: SUTHAKORN, JACKRIT			
... author #2: MOSES, MATTHEW			
... author #3: CHIRIKJIAN, GREG			
<b>Self-replication and Cellular Automata</b>	Entry	00107	478 / 478
section [editor]: <i>Cellular Automata, Mathematical Basis of [Adamatzky]</i>			
first author: TEMPESTI, GIANLUCA			
... author #2: MANGE, DANIEL			
... author #3: STAUFFER, ANDRÉ			
<b>Semantic Web</b>	Entry	00692	479 / 479
section [editor]: <i>Intelligent Systems [Hendler]</i>			
first author: HALL, WENDY			
... author #2: O'HARA, KIERON			
<b>Semiclassical Spin Transport in Spin-Orbit Coupled Systems</b>	Entry	00369	480 / 480
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i>			
first author: CULCER, DIMITRIE			

<b>Shallow Water Waves and Solitary Waves</b>	Entry	00461	481/481
section [editor]: <i>Solitons [Helal]</i>			
first author: <a href="#">HEREMAN, WILLY</a>			
<b>Signaling Games</b>	Entry	00443	482/482
section [editor]: <i>Game Theory [Sotomayor]</i>			
first author: <a href="#">SOBEL, JOEL</a>			
<b>Single Column Modeling of Atmospheric Boundary Layers and the Complex Interactions with the Land Surface</b>	Entry	00750	483/483
section [editor]: <i>Climate Modeling, Global Warming and Weather Prediction [Grassl]</i>			
first author: <a href="#">HOLTSLAG, BERT</a>			
... author #2: <a href="#">STEENEVELD, GERT-JAN</a>			
<b>Single Molecule Biophysics and Unfolding Forces</b>	Entry	00684	484/484
section [editor]: <i>Statistical and Nonlinear Physics [Marchetti]</i>			
first author: <a href="#">CARRIÓN-VÁZQUEZ, MARIANO</a>			
... author #2: <a href="#">CIEPLAK, MAREK</a>			
... author #3: <a href="#">OBERHAUSER, ANDRÉS F.</a>			
<b>Slug Flow: Modeling in a Conduit and Associated Elastic Radiation</b>	Entry	00339	485/485
section [editor]: <i>Complexity in Earthquakes, Tsunamis, and Volcanoes, and Forecast [Lee]</i>			
first author: <a href="#">D'AURIA, LUCA</a>			
... author #2: <a href="#">MARTINI, MARCELLO</a>			
<b>Smooth Ergodic Theory</b>	Entry	00273	486/486
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first author: <a href="#">WILKINSON, AMIE</a>			
<b>Social Cognitive Complexity</b>	Entry	00665	487/487
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">KLÜVER, JÜRGEN</a>			
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first author: <a href="#">FRANK, OVE</a>			
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first author: <a href="#">DE NOOY, WOUTER</a>			
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first author: <a href="#">BATAGELJ, VLADIMIR</a>			
<b>Social Network Analysis, Overview of</b>	Entry	00196	491/491
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first author: <a href="#">SCOTT, JOHN</a>			
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section [editor]: <i>Social Network Analysis [Scott]</i>			
first author: <a href="#">BORGATTI, STEPHEN</a>			
<b>Social Network Visualisation, Methods of</b>	Entry	00205	493/493
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first author: <a href="#">FREEMAN, LINTON</a>			
<b>Social Networks and Granular Computing</b>	Entry	00778	494/494
section [editor]: <i>Granular Computing [Lin]</i>			
first author: <a href="#">LIAU, CHURN-JUNG</a>			
<b>Social Networks, Algebraic Models for</b>	Entry	00199	495/495
section [editor]: <i>Social Network Analysis [Scott]</i>			
first author: <a href="#">PATTISON, PHILIPPA</a>			
<b>Social Networks, Diffusion Processes in</b>	Entry	00207	496/496
section [editor]: <i>Social Network Analysis [Scott]</i>			
first author: <a href="#">VALENTE, THOMAS W.</a>			

<b>Social Networks, Exponential Random Graph (p*) Models for</b>	Entry	00200	497/497
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first author: <a href="#">ROBINS, GARRY</a>			
<b>Social Organizations with Complexity Theory: A Dramatically Different Lens for the Knowledge Economy</b>	Entry	00172	498/498
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first author: <a href="#">MARION, RUSS</a>			
<b>Social Phenomena Simulation</b>	Entry	00420	499/499
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first author: <a href="#">DAVIDSSON, PAUL</a>			
... author #2: <a href="#">VERHAGEN, HARKO</a>			
<b>Social Processes, Physical models of</b>	Entry	00808	500/500
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">SLANINA, FRANTISEK</a>			
<b>Social Processes, Simulation Models of</b>	Entry	00671	501/501
section [editor]: <i>Social Science, Physics and Mathematics Applications in [Nowak]</i>			
first author: <a href="#">TROITZSCH, KLAUS</a>			
<b>Social Psychology, Applications of Complexity to</b>	Entry	00655	502/502
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first author: <a href="#">VALLACHER, ROBIN R.</a>			
<b>Soft Computing, Introduction to</b>	Entry	00844	503/503
section [editor]: <i>Soft Computing [Kacprzyk]</i>			
first author: <a href="#">KACPRZYK, JANUSZ</a>			
<b>Software Architectures for Autonomy</b>	Entry	00683	504/504
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first author: <a href="#">CRANE III, CARL D.</a>			
... author #2: <a href="#">TOUGHTON, ROBERT A.</a>			
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first author: <a href="#">HE, JI-HUAN</a>			
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first author: <a href="#">HE, JI-HUAN</a>			
... author #2: <a href="#">ZHU, SHUN-DONG</a>			
<b>Solitons Interactions</b>	Entry	00470	507/507
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first author: <a href="#">SOOMERE, TARMO</a>			
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first author: <a href="#">HELAL, MOHAMED A.</a>			
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first author: <a href="#">LAKSHMANAN, M.</a>			
<b>Solitons: Historical and Physical Introduction</b>	Entry	00459	510/510
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first author: <a href="#">MARIN, FRANÇOIS</a>			
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first author: <a href="#">CHANG, TOM</a>			
<b>Spectral Theory of Dynamical Systems</b>	Entry	00269	512/512
section [editor]: <i>Ergodic Theory [Kra]</i>			
first author: <a href="#">LEMANCZYK, MARIUSZ</a>			

<b>Spin Dependent Exchange and Correlation in Two-dimensional Electron Layers</b>	Entry	00630	513/513
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i> first author: <a href="#">DHARMA-WARDANA, CHANDRE</a>			
<b>Spin Dynamics in Disordered Solids</b>	Entry	00686	514/514
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i> first author: <a href="#">DZHEPAROV, FRIDRIKH S</a>			
<b>Spin-polarized Quantum Transport in Mesoscopic Conductors: Computational Concepts and Physical Phenomena</b>	Entry	00686	515/515
section [editor]: <i>Computational and Theoretical Nanoscience [Joe]</i> first author: <a href="#">RICHTER, KLAUS</a> ... author #2: <a href="#">WIMMER, MICHAEL</a> ... author #3: <a href="#">SCHEID, MATTHIAS</a>			
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