

Accession Register of Springer E-Books

Acc. No	Title	Author	Subject	Year	Link
1	Sliding Mode Control and Observation	Yuri Shtessel, Christopher Edwards, Leonid Fridman, Arie Levant	Control, Robotics, Mechatronics; Vibration, Dynamical Systems, Control; Systems Theory, Control; Appl.Mathematics/Computational Methods of Engineering; Engineering Design	2014	http://link.springer.com/openurl?genre=book&isbn=978-0-8176-4892-3
2	Analysis of Engineering Drawings and Raster Map Images	Thomas C. Henderson	Signal,Image and Speech Processing; Computer Imaging, Vision, Pattern Recognition and Graphics; Image Processing and Computer Vision; Remote Sensing/Photogrammetry	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8166-0
3	Mathematical Theories of Distributed Sensor Networks	Sitharama S. Iyengar, Kianoosh G. Boroojeni, N. Balakrishnan	Communications Engineering, Networks; Signal,Image and Speech Processing; Computer Communication Networks; Computational Science and Engineering	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8419-7
4	Dual Phase Evolution	David G. Green, Jing Liu, Hussein A. Abbass	Appl.Mathematics/Computational Methods of Engineering; Complexity; Computer Systems Organization and Communication Networks	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8422-7
5	Photonic Network-on-Chip Design	Keren Bergman, Luca P. Carloni, Aleksandr Biberman, Johnnie Chan, Gilbert Hendry	Circuits and Systems; Microwaves, RF and Optical Engineering; Optics and Electrodynamics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9334-2
6	Emerging Memory Technologies	Yuan Xie	Circuits and Systems; Processor Architectures; Electronics and Microelectronics, Instrumentation	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9550-6
7	Ultra-Low Power Integrated Circuit Design	Nianxiong Nick Tan, Dongmei Li, Zhihua Wang	Circuits and Systems; Electronics and Microelectronics, Instrumentation; Signal,Image and Speech Processing	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9972-6
8	Engineering in Translational Medicine	Weibo Cai	Biomedical Engineering; Imaging / Radiology; Biomaterials; Biophysics and Biological Physics; Medical and Radiation Physics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-4371-0
9	Engineering Asset Management 2011	Jay Lee, Jun Ni, Jagnathan Sarangapani, Joseph Mathew	Operating Procedures, Materials Treatment; Industrial and Production Engineering; Innovation/Technology Management	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-4992-7
10	Transformation Electromagnetics and Metamaterials	Douglas H. Werner, Do-Hoon Kwon	Microwaves, RF and Optical Engineering; Optical and Electronic Materials; Magnetism, Magnetic Materials; Optics and Electrodynamics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-4995-8
11	Offshore Risk Assessment vol 1.	Jan-Erik Vinnem	Quality Control, Reliability, Safety and Risk; Environmental Management; Offshore Engineering; Mathematical Modeling and Industrial Mathematics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5206-4
12	Offshore Risk Assessment vol 2.	Jan-Erik Vinnem	Quality Control, Reliability, Safety and Risk; Environmental Management; Offshore Engineering; Mathematical Modeling and Industrial Mathematics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5212-5
13	Biologically Inspired Design	Ashok K Goel, Daniel A McAdams, Robert B. Stone	Engineering Design; Computer-Aided Engineering (CAD, CAE) and Design; Structural Materials	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5247-7
14	Dynamic Thermal Analysis of Machines in Running State	Lihui Wang	Energy Efficiency (incl. Buildings); Manufacturing, Machines, Tools; Characterization and Evaluation of Materials; Simulation and Modeling; Engineering Design	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5272-9

15	Quasi-Dimensional Simulation of Spark Ignition Engines	Alejandro Medina, Pedro Luis Curto-Risso, Antonio Calvo Hernández, Lev Guzmán-Vargas, Fernando Angulo-Brown, Asok K Sen	Energy Harvesting; Automotive Engineering; Simulation and Modeling; Thermodynamics; Engineering Thermodynamics, Heat and Mass Transfer	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5288-0
16	Applications of Multi-Criteria and Game Theory Approaches	Lyes Benyoucef, Jean-Claude Hennet, Manoj Kumar Tiwari	Engineering Economics, Organization, Logistics, Marketing; Manufacturing, Machines, Tools; Game Theory/Mathematical Methods	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5294-1
17	Fault Diagnosis and Fault-Tolerant Control and Guidance for Aerospace Vehicles	Ali Zolghadri, David Henry, Jérôme Cieslak, Denis Efimov, Philippe Goupil	Control; Aerospace Technology and Astronautics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5312-2
18	Dynamics and Control of Mechanical Systems in Offshore Engineering	Wei He, Shuzhi Sam Ge, Bernard Voon Ee How, Yoo Sang Choo	Control; Offshore Engineering; Structural Mechanics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5336-8
19	Annals of Industrial Engineering 2012	J. Carlos Prado-Prado, Jesús García-Arca	Industrial and Production Engineering	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5348-1
20	Supply Chain Strategies, Issues and Models	Usha Ramanathan, Ramakrishnan Ramanathan	Engineering Economics, Organization, Logistics, Marketing; Production/Logistics/Supply Chain Management; Innovation/Technology Management	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5351-1
21	The Robotics Divide	Antonio López Peláez	Robotics and Automation; Philosophy of Technology; Artificial Intelligence (incl. Robotics)	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5357-3
22	Enhancing the Internet with the CONVERGENCE System	Fernando Almeida, Maria Teresa Andrade, Nicola Blefari Melazzi, Richard Walker, Heinrich Hussmann, Iakovos S. Venieris	Communications Engineering, Networks; Computer Communication Networks; Information Systems Applications (incl. Internet)	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5372-6
23	Creative Engineering Design Assessment	Christine Charyton	Engineering Design; Industrial, Organisational and Economic Psychology	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5378-8
24	Vehicle-Manipulator Systems	Pål Johan From, Jan Tommy Gravdahl, Kristin Ytterstad Pettersen	Control; Robotics and Automation	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5462-4
25	Power Electronic Converters Modeling and Control	Seddik Bacha, Iulian Munteanu, Antoneta Iuliana Bratcu	Control; Power Electronics, Electrical Machines and Networks	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5477-8
26	Wireless Sensor Networks	Shuang-Hua Yang	Communications Engineering, Networks; Computer Communication Networks; Circuits and Systems; Information Systems Applications (incl. Internet)	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5504-1
27	Technopolis	Deog-Seong Oh, Fred Phillips	Energy Technology; Facility Management; Engineering Economics, Organization, Logistics, Marketing; Energy Economics; Cities, Countries, Regions; Development Economics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5507-2
28	Femtosecond Laser 3D Micromachining for Microfluidic and Optofluidic Applications	Koji Sugioka, Ya Cheng	Nanotechnology and Microengineering; Laser Technology, Photonics; Optical and Electronic Materials; Optics, Optoelectronics, Plasmonics and Optical Devices	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5540-9
29	Technology and Manufacturing Process Selection	Elsa Henriques, Paulo Pecas, Arlindo Silva	Industrial and Production Engineering; Engineering Economics, Organization, Logistics, Marketing; Transportation	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5543-0

30	Sampled-Data Models for Linear and Nonlinear Systems	Juan I. Yuz, Graham C. Goodwin	Control; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Systems Theory, Control; Economic Systems	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5561-4
31	Desiccant-Assisted Cooling	Carlos Eduardo Leme Nóbrega, Nisio Carvalho Lobo Brum	Building Physics, HVAC; Atmospheric Protection/Air Quality Control/Air Pollution; Industrial Chemistry/Chemical Engineering	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5564-5
32	Neural Networks and Statistical Learning	Ke-Lin Du, M. N. S. Swamy	Computational Intelligence; Mathematical Models of Cognitive Processes and Neural Networks; Data Mining and Knowledge Discovery; Pattern Recognition	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5570-6
33	Cooperative Control of Multi-Agent Systems	Frank L. Lewis, Hongwei Zhang, Kristian Hengster-Movric, Abhijit Das	Control; Artificial Intelligence (incl. Robotics); Computational Intelligence; Aerospace Technology and Astronautics; Communications Engineering, Networks	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5573-7
34	Operations Research Problems	Raúl Poler, Josefa Mula, Manuel Díaz-Madroñero	Industrial and Production Engineering; Game Theory/Mathematical Methods; Game Theory, Economics, Social and Behav. Sciences; Operation Research/Decision Theory	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5576-8
35	Lean Six Sigma Case Studies in the Healthcare Enterprise	Sandra L. Furterer	Engineering Economics, Organization, Logistics, Marketing; Organization/Planning; Health Administration	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5582-9
36	Terawatt Solar Photovoltaics	Meng Tao	Renewable and Green Energy; Mechanical Engineering; Nuclear Energy; Nuclear Fusion; Energy Technology	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-5642-0
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45	Process Control for Sheet-Metal Stamping	Yongseob Lim, Ravinder Venugopal, A Galip Ulsoy	Control; Operating Procedures, Materials Treatment; Automotive Engineering; Aerospace Technology and Astronautics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-6283-4
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49	Statistical Treatment of Turbulent Polydisperse Particle Systems	J.S. Shrimpton, S. Haeri, Stephen J. Scott	Energy Systems; Engineering Fluid Dynamics; Energy Technology	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-6343-5
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51	Structural Properties of Porous Materials and Powders Used in Different Fields of Science and Technology	Yury Mironovich Volkovich, Anatoly Nikolaevich Filippov, Vladimir Sergeevich Bagotsky	Operating Procedures, Materials Treatment; Characterization and Evaluation of Materials; Soft and Granular Matter, Complex Fluids and Microfluidics	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-6376-3
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53	Data-driven Design of Fault Diagnosis and Fault-tolerant Control Systems	Steven X. Ding	Engineering Design; Control	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-6409-8
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55	Pollutants Generated by the Combustion of Solid Biomass Fuels	Jenny M Jones, Amanda R Lea-Langton, Lin Ma, Mohamed Pourkashanian, Alan Williams	Fossil Fuels (incl. Carbon Capture); Energy Technology; Atmospheric Protection/Air Quality Control/Air Pollution; Environmental Engineering/Biotechnology	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-6436-4
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62	The Mass Retrofitting of an Energy Efficient—Low Carbon Zone	Mark Deakin, Fiona Campbell, Alasdair Reid, Joel Orsinger	Building Construction; Renewable and Green Energy; Sustainable Development; Energy Policy, Economics and Management; Energy Efficiency (incl. Buildings)	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-6620-7

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65	Noise-Driven Phenomena in Hysteretic Systems	Mihai Dimian, Petru Andrei	Signal,Image and Speech Processing; Vibration, Dynamical Systems, Control; Communications Engineering, Networks	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4614-1373-8
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70	Introduction to Embedded Systems	Manuel Jiménez, Rogelio Palomera, Isidoro Couvertier	Circuits and Systems; Processor Architectures; Electronics and Microelectronics, Instrumentation	2014	http://link.springer.com/openurl?genre=book&isbn=978-1-4614-3142-8
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1529	Minimum Error Entropy Classification	Joaquim P. Marques de Sá, Luís M.A. Silva, Jorge M.F. Santos, Luís A. Alexandre	Computational Intelligence; Artificial Intelligence (incl. Robotics); Statistical Physics, Dynamical Systems and Complexity	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-642-29028-2
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1531	World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China	Mian Long	Biomedical Engineering; Biophysics and Biological Physics; Biomaterials	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-642-29304-7
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1911	CESAR - Cost-efficient Methods and Processes for Safety-relevant Embedded Systems	Ajitha Rajan, Thomas Wahl	Industrial and Production Engineering; Mechanical Engineering; Circuits and Systems	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1386-8
1912	New Trends in Structural Health Monitoring	Wieslaw Ostachowicz, J. Alfredo Güemes	Structural Mechanics; Structural Materials; Aerospace Technology and Astronautics; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Building Repair and Maintenance	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1389-9
1913	Noise Sources in Turbulent Shear Flows: Fundamentals and Applications	Roberto Camussi	Engineering Fluid Dynamics; Aerospace Technology and Astronautics; Vibration, Dynamical Systems, Control	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1457-5
1914	Rob Arch 2012	Sigrid Brell-Çokcan, Johannes Braumann	Robotics and Automation; User Interfaces and Human Computer Interaction	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1464-3

1915	Water Supply Network District Metering	Armando Di Nardo, Michele Di Natale, Anna Di Mauro	Civil Engineering; Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution; Regional/Spatial Science	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1492-6
1916	Transient Effects in Friction	Andreas Goedecke	Continuum Mechanics and Mechanics of Materials; Mechatronics; Surfaces and Interfaces, Thin Films	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1505-3
1917	Optimal Analysis of Structures by Concepts of Symmetry and Regularity	Ali Kaveh	Structural Mechanics; Building Construction; Optimization	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1564-0
1918	Materiomics: Multiscale Mechanics of Biological Materials and Structures	Markus J. Buehler, Roberto Ballarini	Biomaterials; Theoretical and Applied Mechanics; Biophysics and Biological Physics	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1573-2
1919	Dynamic Localization Phenomena in Elasticity, Acoustics and Electromagnetism	Richard V. Craster, Julius Kaplunov	Continuum Mechanics and Mechanics of Materials; Structural Materials; Applications of Mathematics; Mechanics; Optics and Electrodynamics; Acoustics	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-1618-0
1920	Electromagnetic Field Theory	Gerd Mrozynski, Matthias Stallein	Microwaves, RF and Optical Engineering; Electronics and Microelectronics, Instrumentation; Electrical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-3-8348-1711-2
1921	Nuclear Reactor Kinetics and Plant Control	Yoshiaki Oka, Katsuo Suzuki	Nuclear Engineering; Energy Technology	2013	http://link.springer.com/openurl?genre=book&isbn=978-4-431-54194-3
1922	Zero-Carbon Energy Kyoto 2012	Takeshi Yao	Energy, general; Renewable and Green Energy; Climate Change; R & D/Technology Policy; Environmental Physics; Environmental Engineering/Biotechnology	2013	http://link.springer.com/openurl?genre=book&isbn=978-4-431-54263-6
1923	Autonomous Control Systems and Vehicles	Kenzo Nonami, Muljowidodo Kartidjo, Kwang-Joon Yoon, Agus Budiyo	Robotics and Automation; Artificial Intelligence (incl. Robotics); Aerospace Technology and Astronautics	2013	http://link.springer.com/openurl?genre=book&isbn=978-4-431-54275-9
1924	Advanced Structural Wind Engineering	Yukio Tamura, Ahsan Kareem	Structural Mechanics; Geotechnical Engineering & Applied Earth Sciences; Architecture, general; Vibration, Dynamical Systems, Control; Appl.Mathematics/Computational Methods of Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-4-431-54336-7
1925	Sustainable Transport Studies in Asia	Akimasa Fujiwara, Junyi Zhang	Sustainable Development; Economic Geography; Transportation; Regional and Cultural Studies; Automotive Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-4-431-54378-7
1926	Extraterrestrial Influence on Climate Change	Saumitra Mukherjee	Earth System Sciences; Climate Change; Remote Sensing/Photogrammetry	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0729-0
1927	Trimming, Miniaturization and Ideality via Convolution Technique of TRIZ	Saurabh Kwatra, Yuri Salamatov	Engineering Design; Industrial Design; Machinery and Machine Elements; Philosophy of Technology	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0736-8
1928	Graph Theory with Algorithms and its Applications	Santanu Saha Ray	Complexity; Graph Theory; Math Applications in Computer Science	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0749-8
1929	Proceedings of the International Symposium on Engineering under Uncertainty: Safety Assessment and Management (ISEUSAM - 2012)	Subrata Chakraborty, Gautam Bhattacharya	Quality Control, Reliability, Safety and Risk; Construction Management; Natural Hazards	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0756-6
1930	Complex Binary Number System	Tariq Jamil	Circuits and Systems; Algorithms; Arithmetic and Logic Structures; Functions of a Complex Variable	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0853-2
1931	Innovation By Design	Battula Kalyana Chakravarthy, Janaki Krishnamoorthi	Engineering Design; Industrial Design; Innovation/Technology Management	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0900-3

1932	Proceedings of All India Seminar on Biomedical Engineering 2012 (AISOBE 2012)	Veerendra Kumar, Mukta Bhatele	Biomedical Engineering; Medicine/Public Health, general; Computer Imaging, Vision, Pattern Recognition and Graphics; Engineering Design; Biomedicine general	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0969-0
1933	Proceedings of the Fourth International Conference on Signal and Image Processing 2012 (ICSIP 2012)	Mohan S, S Suresh Kumar	Signal,Image and Speech Processing; Computer Imaging, Vision, Pattern Recognition and Graphics; Document Preparation and Text Processing	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0996-6
1934	Proceedings of the Fourth International Conference on Signal and Image Processing 2012 (ICSIP 2012)	Mohan S, S Suresh Kumar	Signal,Image and Speech Processing; Computer Imaging, Vision, Pattern Recognition and Graphics; Document Preparation and Text Processing	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-0999-7
1935	Recent Advancements in System Modelling Applications	R Malathi, J Krishnan	Computational Intelligence; Systems Theory, Control; Electrical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1034-4
1936	Proceedings of Seventh International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2012)	Jagdish Chand Bansal, Pramod Kumar Singh, Kusum Deep, Millie Pant, Atulya K. Nagar	Computational Intelligence; Artificial Intelligence (incl. Robotics); Data Mining and Knowledge Discovery	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1037-5
1937	Proceedings of Seventh International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2012)	Jagdish Chand Bansal, Pramod Singh, Kusum Deep, Millie Pant, Atulya Nagar	Computational Intelligence; Artificial Intelligence (incl. Robotics); Data Mining and Knowledge Discovery	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1040-5
1938	ICoRD'13	Amaresh Chakrabarti, Raghu V. Prakash	Engineering Design; Computer-Aided Engineering (CAD, CAE) and Design; Innovation/Technology Management; Environmental Management	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1049-8
1939	Motion Estimation Techniques for Digital Video Coding	Shilpa Metkar, Sanjay Talbar	Computational Intelligence; Signal,Image and Speech Processing; Computer Imaging, Vision, Pattern Recognition and Graphics	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1096-2
1940	Multimedia Processing, Communication and Computing Applications	Punitha P. Swamy, Devanur S. Guru	Communications Engineering, Networks; Image Processing and Computer Vision; Pattern Recognition; Data Storage Representation; Multimedia Information Systems; Information Storage and Retrieval	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1142-6
1941	Early Software Reliability Prediction	Ajeet Kumar Pandey, Neeraj Kumar Goyal	Computational Intelligence; Software Engineering; Statistics and Computing/Statistics Programs	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1175-4
1942	Proceedings of International Conference on VLSI, Communication, Advanced Devices, Signals & Systems and Networking (VCASAN-2013)	Veena S. Chakravarthi, Yasha Jyothi M. Shirur, Rekha Prasad	Power Electronics, Electrical Machines and Networks; Engineering Design; Communications Engineering, Networks; Signal,Image and Speech Processing; Electronic Circuits and Devices; Circuits and Systems	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1523-3
1943	Advances in Bioethanol	Pratima Bajpai	Renewable and Green Energy; Biotechnology; Environmental Engineering/Biotechnology	2013	http://link.springer.com/openurl?genre=book&isbn=978-81-322-1583-7
1944	Fondamenti di Meccanica e Biomeccanica	Bruno Picasso	Mechanical Engineering; Biomedicine general; Higher Education	2013	http://link.springer.com/openurl?genre=book&isbn=978-88-470-2332-1
1945	Fatigue and Corrosion in Metals	Pietro Paolo Milella	Engineering Design; Materials Science, general; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Electrochemistry	2013	http://link.springer.com/openurl?genre=book&isbn=978-88-470-2335-2
1946	Rotors: Stress Analysis and Design	Vincenzo Vullo, Francesco Vivio	Structural Mechanics; Engineering Design; Mechanical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-88-470-2561-5
1947	Mid-sized Manufacturing Companies: The New Driver of Italian Competitiveness	Fulvio Coltorti, Riccardo Resciniti, Annalisa Tunisini, Riccardo Varaldo	Business/Management Science, general; Entrepreneurship; Business Strategy/Leadership	2013	http://link.springer.com/openurl?genre=book&isbn=978-88-470-2588-2

1948	Thermal Comfort Assessment of Buildings	Salvatore Carlucci	Building Physics, HVAC; Energy Efficiency (incl. Buildings); Design, general	2013	http://link.springer.com/openurl?genre=book&isbn=978-88-470-5237-6
1949	Managing the Continuum: Certainty, Uncertainty, Unpredictability in Large Engineering Projects	Franco Caron	Quality Control, Reliability, Safety and Risk; Project Management; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences	2013	http://link.springer.com/openurl?genre=book&isbn=978-88-470-5243-7
1950	Design, Analysis and Test of Logic Circuits Under Uncertainty	Smita Krishnaswamy, Igor L. Markov, John P. Hayes	Circuits and Systems; Arithmetic and Logic Structures; Computer Hardware; Performance and Reliability; Logic Design; Symbolic and Algebraic Manipulation	2013	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9643-2
1951	Robotic Tactile Sensing	Ravinder S. Dahiya, Maurizio Valle	Robotics and Automation; Mechatronics; Electronics and Microelectronics, Instrumentation; Electronic Circuits and Devices; Biomedical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0578-4
1952	Nondestructive Testing of Materials and Structures	Oral Büyüköztürk, Mehmet Ali Taşdemir	Building Materials; Structural Materials; Measurement Science and Instrumentation; Simulation and Modeling; Characterization and Evaluation of Materials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0722-1
1953	Topics in Medical Image Processing and Computational Vision	João Manuel R.S. Tavares, Renato M. Natal Jorge	Signal, Image and Speech Processing; Computer Imaging, Vision, Pattern Recognition and Graphics; Biomedical Engineering; Imaging / Radiology	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0725-2
1954	Treatise on Classical Elasticity	Petre P. Teodorescu	Mechanics; Applications of Mathematics; Appl. Mathematics/Computational Methods of Engineering; Theoretical and Applied Mechanics; Mathematical Methods in Physics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-2615-4
1955	Modeling, Analysis and Optimization of Network-on-Chip Communication Architectures	Umit Y. Ogras, Radu Marculescu	Circuits and Systems; Processor Architectures	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-3957-4
1956	Micromechanics of Composite Materials	George Dvorak	Continuum Mechanics and Mechanics of Materials; Ceramics, Glass, Composites, Natural Materials; Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4100-3
1957	Resilient Energy Systems	Ion Bostan, Adrian Gheorghe, Valeriu Dulgheru, Ion Sobor, Viorel Bostan, Anotolie Sochirean	Energy Technology; Renewable and Green Energy; Energy Technology; Energy Policy, Economics and Management	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4188-1
1958	Theory of Parallel Mechanisms	Zhen Huang, Qinchuan Li, Huafeng Ding	Machinery and Machine Elements; Structural Mechanics; Control, Robotics, Mechatronics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4200-0
1959	Carbon Nanotube Enhanced Aerospace Composite Materials	A. Paipetis, V. Kostopoulos	Theoretical and Applied Mechanics; Nanotechnology; Ceramics, Glass, Composites, Natural Materials; Industrial Chemistry/Chemical Engineering; Industrial and Production Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4245-1
1960	Image-Based Geometric Modeling and Mesh Generation	Yongjie (Jessica) Zhang	Mechanical Engineering; Computational Science and Engineering; Biomedical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4254-3
1961	Biomedical Imaging and Computational Modeling in Biomechanics	Ugo Andreaus, Daniela Iacoviello	Biomedical Engineering; Theoretical and Applied Mechanics; Image Processing and Computer Vision; Biomaterials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4269-7
1962	Mechanical Properties of Materials	Joshua Pelleg	Continuum Mechanics and Mechanics of Materials; Characterization and Evaluation of Materials; Operating Procedures, Materials Treatment	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4341-0

1963	Load-Pull Techniques with Applications to Power Amplifier Design	Fadhel M. Ghannouchi, Mohammad S. Hashmi	Applied and Technical Physics; Microwaves, RF and Optical Engineering; Solid State Physics; Electronic Circuits and Devices	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4460-8
1964	Robot Mechanisms	Jadran Lenarcic, Tadej Bajd, Michael M. Stanišić	Robotics and Automation; Applications of Mathematics; Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4521-6
1965	Computational Intelligence and Decision Making	Ana Madureira, Cecilia Reis, Viriato Marques	Computational Intelligence; Artificial Intelligence (incl. Robotics); Information Systems Applications (incl. Internet)	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4721-0
1966	Fast Solar Sailing	Giovanni Vulpetti	Aerospace Technology and Astronautics; Extraterrestrial Physics, Space Sciences; Numerical and Computational Physics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4776-0
1967	IAENG Transactions on Engineering Technologies	Haeng Kon Kim, Sio-long Ao, Burghard B. Rieger	Communications Engineering, Networks; Appl. Mathematics/Computational Methods of Engineering; Software Engineering/Programming and Operating Systems; Electronic Circuits and Devices	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4785-2
1968	Strain Hardening Cement Composites: Structural Design and Performance	Kanakubo Toshiyuki, Petr Kabele, Hiroshi Fukuyama, Yuichi Uchida, Haruhiko Suwada, Volker Slowik	Civil Engineering; Structural Mechanics; Structural Materials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4835-4
1969	New Trends in Mechanism and Machine Science	Fernando Viadero, Marco Ceccarelli	Mechanical Engineering; Vibration, Dynamical Systems, Control; Robotics and Automation	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4901-6
1970	Progress of Recycling in the Built Environment	Enric Vázquez	Building Materials; Waste Management/Waste Technology; Structural Materials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4907-8
1971	IUTAM Symposium on Surface Effects in the Mechanics of Nanomaterials and Heterostructures	Alan Cocks, Jianxiang Wang	Continuum Mechanics and Mechanics of Materials; Mechanics; Nanotechnology	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4910-8
1972	Mechanical Behaviour of Materials	Dominique François, André Pineau, André Zaoui	Continuum Mechanics and Mechanics of Materials; Characterization and Evaluation of Materials; Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-4929-0
1973	Dynamics of Tree-Type Robotic Systems	Suril Vijaykumar Shah, Subir Kumar Saha, Jayanta Kumar Dutt	Robotics and Automation; Mathematical Modeling and Industrial Mathematics; Continuum Mechanics and Mechanics of Materials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5005-0
1974	Automotive Painting Technology	Kimio Toda, Abraham Salazar, Kozo Saito	Automotive Engineering; Surfaces and Interfaces, Thin Films; Image Processing and Computer Vision	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5094-4
1975	Advances in Interlaboratory Testing and Evaluation of Bituminous Materials	Manfred N. Partl, Hussain U. Bahia, Francesco Canestrari, Chantal de la Roche, Hervé Di Benedetto, Herald Piber, Dariusz Sybilski	Building Materials; Characterization and Evaluation of Materials; Continuum Mechanics and Mechanics of Materials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5103-3
1976	Computational Methods in Stochastic Dynamics	Manolis Papadrakakis, George Stefanou, Vissarion Papadopoulos	Vibration, Dynamical Systems, Control; Computational Science and Engineering; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5133-0
1977	Inside Solid State Drives (SSDs)	Rino Micheloni, Alessia Marelli, Kam Eshghi	Solid State Physics; Circuits and Systems; Computer Hardware	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5145-3
1978	Theory of Digital Automata	Bohdan Borowik, Mykola Karpinsky, Valery Lahno, Oleksandr Petrov	Circuits and Systems; Logic Design; Information and Communication, Circuits	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5227-6

1979	Ethics, Design and Planning of the Built Environment	Claudia Basta, Stefano Moroni	Earth Sciences, general; Cities, Countries, Regions; Ethics; Aesthetics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5245-0
1980	Numerical Methods for Differential Equations, Optimization, and Technological Problems	Sergey Repin, Timo Tiihonen, Tero Tuovinen	Theoretical and Applied Mechanics; Computational Mathematics and Numerical Analysis; Numerical and Computational Physics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5287-0
1981	Dynamic Failure of Composite and Sandwich Structures	Serge Abrate, Bruno Castanié, Yapa D. S. Rajapakse	Continuum Mechanics and Mechanics of Materials; Ceramics, Glass, Composites, Natural Materials; Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5328-0
1982	The Dialectic Relation Between Physics and Mathematics in the XIXth Century	Evelyne Barbin, Raffaele Pisano	History and Philosophical Foundations of Physics; History of Mathematical Sciences; Mathematical Methods in Physics; Epistemology	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5379-2
1983	Color Medical Image Analysis	M. Emre Celebi, Gerald Schaefer	Biomedical Engineering; Image Processing and Computer Vision; Imaging / Radiology	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5388-4
1984	Multibody Dynamics	Jean-Claude Samin, Paul Fiset	Vibration, Dynamical Systems, Control; Computational Science and Engineering; Control, Robotics, Mechatronics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5403-4
1985	Machines and Signs	Edoardo Rovida	Engineering Design; History of Science; Popular Science, general	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5406-5
1986	Performance of Cement-Based Materials in Aggressive Aqueous Environments	Mark Alexander, Alexandra Bertron, Nele De Belie	Building Materials; Building Repair and Maintenance; Civil Engineering; Characterization and Evaluation of Materials; Structural Materials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5412-6
1987	Limit State of Materials and Structures	Géry Saxcé, Abdelbacet Oueslati, Eric Charkaluk, Jean-Bernard Tritsch	Continuum Mechanics and Mechanics of Materials; Engineering Design; Civil Engineering; Computational Intelligence	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5424-9
1988	Deformation Models	Manuel González Hidalgo, Arnau Mir Torres, Javier Varona Gómez	Computer Imaging, Vision, Pattern Recognition and Graphics; Signal, Image and Speech Processing; Biomedical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5445-4
1989	Computer Models in Biomechanics	Gerhard A. Holzapfel, Ellen Kuhl	Theoretical and Applied Mechanics; Biomedicine general; Mathematical Modeling and Industrial Mathematics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5463-8
1990	Managing and Engineering in Complex Situations	Samuel F. Kovacic, Andres Sousa-Poza	Complexity; Social Sciences, general; Economics/Management Science, general	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5514-7
1991	IAENG Transactions on Engineering Technologies	Gi-Chul Yang, Sio-long Ao, Xu Huang, Oscar Castillo	Control, Robotics, Mechatronics; Computer Communication Networks; Appl. Mathematics/Computational Methods of Engineering; Computational Intelligence	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5623-6
1992	Effective Properties of Heterogeneous Materials	Mark Kachanov, Igor Sevostianov	Continuum Mechanics and Mechanics of Materials; Structural Materials; Mechanical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5714-1
1993	IUTAM Symposium on Nonlinear Dynamics for Advanced Technologies and Engineering Design	Marian Wiercigroch, Giuseppe Rega	Vibration, Dynamical Systems, Control; Engineering Design; Dynamical Systems and Ergodic Theory	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5741-7
1994	Elementary Continuum Mechanics for Everyone	Esben Byskov	Continuum Mechanics and Mechanics of Materials; Mechanical Engineering; Appl. Mathematics/Computational Methods of Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5765-3

1995	Introduction to Risk and Uncertainty in Hydrosystem Engineering	Ehsan Goodarzi, Mina Ziaei, Lee Teang Shui	Geoengineering, Foundations, Hydraulics; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Quality Control, Reliability, Safety and Risk	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5850-6
1996	Urban Planning as a Trading Zone	Alessandro Balducci, Raine Mäntysalo	Landscape/Regional and Urban Planning; Geographical Information Systems/Cartography; Urbanism; Landscape Architecture	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5853-7
1997	Ubiquitous Information Technologies and Applications	Youn-Hee Han, Doo-Soon Park, Weijia Jia, Sang-Soo Yeo	Communications Engineering, Networks; Programming Languages, Compilers, Interpreters; Computing Methodologies	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5856-8
1998	IT Convergence and Security 2012	Kuinam J. Kim, Kyung-Yong Chung	Communications Engineering, Networks; Information Systems Applications (incl.Internet); Computer Communication Networks	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5859-9
1999	Biomechanics of Cells and Tissues	Paola Lecca	Biomedical Engineering; Biophysics and Biological Physics; Computational Biology/Bioinformatics; Biotechnology; Analysis	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5889-6
2000	Analytical Methods in Rotor Dynamics	Andrew D. Dimarogonas, Stefanos A. Paipetis, Thomas G. Chondros	Vibration, Dynamical Systems, Control; Machinery and Machine Elements; Dynamical Systems and Ergodic Theory	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5904-6
2001	Mechanics Down Under	James P. Denier, Matthew D. Finn	Mechanical Engineering; Materials Science, general; Classical Continuum Physics; Appl.Mathematics/Computational Methods of Engineering; Theoretical and Applied Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5967-1
2002	Notes on Continuum Mechanics	Eduardo W. V. Chaves	Continuum Mechanics and Mechanics of Materials; Engineering Thermodynamics, Heat and Mass Transfer; Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-5985-5
2003	City Project and Public Space	Silvia Serreli	Landscape/Regional and Urban Planning; Architecture, general; Urbanism; Landscape Architecture; Social Sciences, general	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6036-3
2004	Micromechanics Modelling of Ductile Fracture	Zengtao Chen, Cliff Butcher	Continuum Mechanics and Mechanics of Materials; Mechanical Engineering; Characterization and Evaluation of Materials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6097-4
2005	Introduction to Robotics	Tadej Bajd, Matjaž Mihelj, Marko Munih	Robotics and Automation; Mechanical Engineering; Electrical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6100-1
2006	Tracking Solar Concentrators	Zafrullah Jagoo	Renewable and Green Energy; Energy Harvesting	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6103-2
2007	Statics and Mechanics of Structures	Steen Krenk, Jan Høgsberg	Structural Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6112-4
2008	MARINE 2011, IV International Conference on Computational Methods in Marine Engineering	Luís Eça, Eugenio Oñate, Julio García-Espinosa, Trond Kvamsdal, Pål Bergan	Engineering Fluid Dynamics; Computational Mathematics and Numerical Analysis; Offshore Engineering; Computational Science and Engineering; Fluid- and Aerodynamics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6142-1
2009	Black Sea Energy Resource Development and Hydrogen Energy Problems	Ayfer Veziroğlu, Marat Tsitskishvili	Renewable and Green Energy; Renewable and Green Energy; Sustainable Development	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6151-3

2010	IAENG Transactions on Engineering Technologies	Gi-Chul Yang, Sio-long Ao, Len Gelman	Communications Engineering, Networks; Computer Engineering; Robotics and Automation	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6189-6
2011	Variation-Aware Adaptive Voltage Scaling for Digital CMOS Circuits	Martin Wirnshofer	Electronic Circuits and Devices; Circuits and Systems; Simulation and Modeling; Control; Energy Efficiency (incl. Buildings)	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6195-7
2012	Determinants of Construction Project Success in India	Kumar Neeraj Jha	Construction Management; Industrial and Production Engineering; Quality Control, Reliability, Safety and Risk	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6255-8
2013	High Mobility and Quantum Well Transistors	Geert Hellings, Kristin De Meyer	Electronic Circuits and Devices; Circuits and Systems; Optical and Electronic Materials; Semiconductors; Nanotechnology and Microengineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6339-5
2014	Continuum Mechanics Through the Twentieth Century	Gerard A Maugin	Continuum Mechanics and Mechanics of Materials; Analysis; Classical Continuum Physics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6352-4
2015	Theory of Elasticity and Thermal Stresses	M. Reza Eslami, Richard B. Hetnarski, Józef Ignaczak, Naotake Noda, Naobumi Sumi, Yoshinobu Tanigawa	Continuum Mechanics and Mechanics of Materials; Classical Continuum Physics; Computational Science and Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6355-5
2016	Nonlinear Behaviour and Stability of Thin-Walled Shells	Natalia I. Obodan, Olexandr G. Lebedev, Vasilii A. Gromov	Structural Mechanics; Mechanical Engineering; Appl.Mathematics/Computational Methods of Engineering; Aerospace Technology and Astronautics; Computational Mathematics and Numerical Analysis	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6364-7
2017	Twelve Lectures on Structural Dynamics	André Preumont	Engineering Design; Vibration, Dynamical Systems, Control; Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6382-1
2018	Vibration of Hydraulic Machinery	Yulin Wu, Shengcai Li, Shuhong Liu, Hua-Shu Dou, Zhongdong Qian	Machinery and Machine Elements; Quality Control, Reliability, Safety and Risk; Vibration, Dynamical Systems, Control	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6421-7
2019	Space–Time Design of the Public City	Dietrich Henckel, Susanne Thomaier, Benjamin Könecke, Roberto Zedda, Stefano Stabilini	Landscape/Regional and Urban Planning; Urbanism; Regional/Spatial Science; Regional and Cultural Studies; Quality of Life Research; Complex Networks	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6424-8
2020	Future Information Communication Technology and Applications	Hoe-Kyung Jung, Jung Tae Kim, Tony Sahama, Chung-Huang Yang	Communications Engineering, Networks; Computer Communication Networks; Information Systems and Communication Service	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6515-3
2021	Navigating Safety	René Amalberti	Quality Control, Reliability, Safety and Risk; Environmental Management; Management/Business for Professionals	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6548-1
2022	Power Transmissions	George Dobre	Machinery and Machine Elements; Vibration, Dynamical Systems, Control; Automotive Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6557-3
2023	New Advances in Gastrointestinal Motility Research	L. K. Cheng, A. J. Pullan, G. Farrugia	Human Physiology; Biomedical Engineering; Gastroenterology; Engineering Design	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6560-3
2024	Guide to Diagnosis and Appraisal of AAR Damage to Concrete in Structures	Bruno Godart, Mario de Rooij, Jonathan G.M. Wood	Building Repair and Maintenance; Structural Materials; Structural Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6566-5
2025	Computational Methods in Earthquake Engineering	Manolis Papadrakakis, Michalis Fragiadakis, Vagelis Plevris	Structural Mechanics; Computational Science and Engineering; Geotechnical Engineering & Applied Earth Sciences; Energy, general	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6572-6

2026	Self-Healing Phenomena in Cement-Based Materials	Mario de Rooij, Kim Van Tittelboom, Nele De Belie, Erik Schlangen	Civil Engineering; Structural Materials; Continuum Mechanics and Mechanics of Materials	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6623-5
2027	Finite Elements in Fracture Mechanics	Meinhard Kuna	Continuum Mechanics and Mechanics of Materials; Materials Science, general; Computational Science and Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6679-2
2028	Multimedia and Ubiquitous Engineering	James J. (Jong Hyuk) Park, Joseph Kee-Yin Ng, Hwa-Young Jeong, Borgy Waluyo	Communications Engineering, Networks; Multimedia Information Systems; Signal, Image and Speech Processing	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6737-9
2029	Multi-Scale Modeling and Characterization of Infrastructure Materials	Niki Kringos, Björn Birgisson, David Frost, Linbing Wang	Building Materials; Characterization and Evaluation of Materials; Theoretical and Applied Mechanics	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6877-2
2030	Information Technology Convergence	James J. (Jong Hyuk) Park, Leonard Barolli, Fatos Xhafa, Hwa-Young Jeong	Communications Engineering, Networks; Information Systems and Communication Service; Computer Systems Organization and Communication Networks	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-6995-3
2031	Primary Theory of Electromagnetics	Hyo J. Eom	Power Electronics, Electrical Machines and Networks; Optics and Electrodynamics; Microwaves, RF and Optical Engineering	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-7142-0
2032	Urban Environment	Sébastien Rauch, Gregory Morrison, Stefan Norra, Nina Schleicher	Transportation; Sustainable Development; Landscape/Regional and Urban Planning	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-007-7755-2
2033	Curriculum Innovations in Changing Societies	Edmond Hau-Fai Law, Chenzhi Li	Energy, general	2013	http://link.springer.com/openurl?genre=book&isbn=978-94-6209-359-1
2034	Detection of Fetal Abnormalities Based on Three Dimensional Nuchal Translucency	Khin Wee Lai, Eko Supriyanto	Signal, Image and Speech Processing; Biomedical Engineering; Ultrasound; Medical and Radiation Physics; Imaging / Radiology	2013	http://link.springer.com/openurl?genre=book&isbn=978-981-4021-95-1
2035	Electromigration Modeling at Circuit Layout Level	Cher Ming Tan, Feifei He	Quality Control, Reliability, Safety and Risk; Electronic Circuits and Devices; Atomic, Molecular, Optical and Plasma Physics	2013	http://link.springer.com/openurl?genre=book&isbn=978-981-4451-20-8
2036	Carbon Nanotubes as Nanodelivery Systems	Melvin Choon Giap Lim, ZhaoWei Zhong	Biomedical Engineering; Engineering Fluid Dynamics; Nanoscale Science and Technology	2013	http://link.springer.com/openurl?genre=book&isbn=978-981-4451-38-3
2037	Re-engineering Manufacturing for Sustainability	Andrew Y. C. Nee, Bin Song, Soh-Khim Ong	Engineering Design; Sustainable Development; Industrial and Production Engineering; Production/Logistics/Supply Chain Management	2013	http://link.springer.com/openurl?genre=book&isbn=978-981-4451-47-5
2038	Decision Making Algorithms for Hydro-Power Plant Location	Mrimoy Majumder, Soumya Ghosh	Renewable and Green Energy; Renewable and Green Energy; Math. Appl. in Environmental Science; Energy Policy, Economics and Management; Geoenvironment, Foundations, Hydraulics	2013	http://link.springer.com/openurl?genre=book&isbn=978-981-4451-62-8
2039	Segmentation of Hand Bone for Bone Age Assessment	Yan Chai Hum	Biomedical Engineering; Signal, Image and Speech Processing; Imaging / Radiology; Medical and Radiation Physics	2013	http://link.springer.com/openurl?genre=book&isbn=978-981-4451-65-9
2040	Sustainability of Biofuel Production from Oil Palm Biomass	Keat Teong Lee, Cynthia Ofori-Boateng	Biochemical Engineering; Waste Management/Waste Technology; Energy Policy, Economics and Management	2013	http://link.springer.com/openurl?genre=book&isbn=978-981-4451-69-7
2041	Proceedings of the Institute of Industrial Engineers Asian Conference 2013	Yi-Kuei Lin, Yu-Chung Tsao, Shi-Woei Lin	Engineering Economics, Organization, Logistics, Marketing; Manufacturing, Machines, Tools; Quality Control, Reliability, Safety and Risk; Operating Procedures, Materials Treatment	2013	http://link.springer.com/openurl?genre=book&isbn=978-981-4451-97-0

2042	The Unknown Component Problem	Tiziano Villa, Nina Yevtushenko, Robert K. Brayton, Alan Mishchenko, Alexandre Petrenko, Alberto Sangiovanni-Vincentelli	Circuits and Systems; Logic Design; Electrical Engineering	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-387-34532-1
2043	MIMO Communication for Cellular Networks	Howard Huang, Constantinos B. Papadias, Sivarama Venkatesan	Signal, Image and Speech Processing; Communications Engineering, Networks; Microwaves, RF and Optical Engineering; Computer Communication Networks; Input/Output and Data Communications; Coding and Information Theory	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-387-77521-0
2044	Sustainable Energy Systems and Applications	İbrahim Dincer, Calin Zamfirescu	Engineering Thermodynamics, Heat and Mass Transfer; Renewable and Green Energy; Sustainable Development; Environmental Engineering/Biotechnology	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-387-95860-6
2045	Handbook of Intelligent Vehicles	Azim Eskandarian	Automotive Engineering; Artificial Intelligence (incl. Robotics); Control, Robotics, Mechatronics	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-084-7
2046	Energy Systems in the Era of Energy Vectors	Fabio Orecchini, Vincenzo Naso	Renewable and Green Energy; Economics general; Climate Change; Power Electronics, Electrical Machines and Networks; Energy Systems	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-243-8
2047	Engineering Asset Management and Infrastructure Sustainability	Joseph Mathew, Lin Ma, Andy Tan, Margot Weijnen, Jay Lee	Engineering Economics, Organization, Logistics, Marketing; Industrial Organization; Industrial and Production Engineering; Signal, Image and Speech Processing; Communications Engineering, Networks; Quality Control, Reliability, Safety and Risk	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-301-5
2048	Fundamentals of Digital Manufacturing Science	Zude Zhou, Shane (Shengquan) Xie, Dejun Chen	Manufacturing, Machines, Tools; Computer-Aided Engineering (CAD, CAE) and Design; Innovation/Technology Management	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-563-7
2049	Quantitative Methods in Supply Chain Management	Ioannis T. Christou	Engineering Economics, Organization, Logistics, Marketing; Production/Logistics/Supply Chain Management; Algorithms; Quality Control, Reliability, Safety and Risk	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-765-5
2050	Supply Chain Disruptions	Haresh Gurnani, Anuj Mehrotra, Saibal Ray	Quality Control, Reliability, Safety and Risk; Industrial and Production Engineering; Production/Logistics/Supply Chain Management	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-777-8
2051	Commercial-Industrial Cleaning, by Pressure-Washing, Hydro-Blasting and UHP-Jetting	Wolfgang Maasberg	Operating Procedures, Materials Treatment; Building Repair and Maintenance	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-834-8
2052	ECG Signal Processing, Classification and Interpretation	Adam Gacek, Witold Pedrycz	Biomedical Engineering; Signal, Image and Speech Processing; Cardiology; Computational Intelligence	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-867-6
2053	Vector Control of Induction Machines	Benoît Robyns, Bruno Francois, Philippe Degobert, Jean Paul Hautier	Power Electronics, Electrical Machines and Networks; Mathematical Modeling and Industrial Mathematics; Simulation and Modeling; Control; Systems Theory, Control	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-900-0
2054	Control of Solar Energy Systems	Eduardo F. Camacho, Manuel Berenguel, Francisco R. Rubio, Diego Martínez	Control; Renewable and Green Energy; Energy Technology	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-915-4

2055	Machining of Metal Matrix Composites	J. Paulo Davim	Manufacturing, Machines, Tools; Machinery and Machine Elements; Ceramics, Glass, Composites, Natural Materials; Metallic Materials	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-937-6
2056	Automation in Warehouse Development	Roelof Hamberg, Jacques Verriet	Engineering Economics, Organization, Logistics, Marketing; Robotics and Automation; Production/Logistics/Supply Chain Management; Control	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-967-3
2057	System Identification, Environmental Modelling, and Control System Design	Liuping Wang, Hugues Garnier	Control; Monitoring/Environmental Analysis; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Circuits and Systems; Simulation and Modeling; Systems Theory, Control	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-973-4
2058	Industrial Process Identification and Control Design	Tao Liu, Furong Gao	Control; Industrial Chemistry/Chemical Engineering; Industrial and Production Engineering	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-976-5
2059	Packaging for Sustainability	Karli Verghese, Helen Lewis, Leanne Fitzpatrick	Industrial and Production Engineering; Waste Management/Waste Technology; Engineering Design; Innovation/Technology Management	2012	http://link.springer.com/openurl?genre=book&isbn=978-0-85729-987-1
2060	Dynamic Response of Linear Mechanical Systems	Jorge Angeles	Control, Robotics, Mechatronics; Mechanical Engineering	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-1026-4
2061	Feedback Control of MEMS to Atoms	Jason J. Gorman, Benjamin Shapiro	Control, Robotics, Mechatronics; Electronics and Microelectronics, Instrumentation; Vibration, Dynamical Systems, Control; Nanotechnology	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5831-0
2062	The MPEG Representation of Digital Media	Leonardo Chiariglione	Signal, Image and Speech Processing; Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-6183-9
2063	Process Variations and Probabilistic Integrated Circuit Design	Manfred Dietrich, Joachim Haase	Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-6620-9
2064	Classical, Semi-classical and Quantum Noise	Leon Cohen, H. Vincent Poor, Marlan O. Scully	Signal, Image and Speech Processing; Coding and Information Theory; Quantum Physics; Quantum Information Technology, Spintronics	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-6623-0
2065	Scalable Multi-core Architectures	Dimitrios Soudris, Axel Jantsch	Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-6777-0
2066	Energy Efficient Thermal Management of Data Centers	Yogendra Joshi, Pramod Kumar	Engineering Thermodynamics, Heat and Mass Transfer; Circuits and Systems; Renewable and Green Energy; Building Construction	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-7123-4
2067	Handbook of Climate Change Mitigation	Wei-Yin Chen, John Seiner, Toshio Suzuki, Maximilian Lackner	Renewable and Green Energy; Climate Change; Industrial Chemistry/Chemical Engineering; Environmental Chemistry; Analytical Chemistry; Catalysis	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-7990-2
2068	Learning in Non-Stationary Environments	Moamar Sayed-Mouchaweh, Edwin Lughofer	Computational Intelligence; Data Mining and Knowledge Discovery; Pattern Recognition	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8019-9
2069	Introduction to Hardware Security and Trust	Mohammad Tehranipoor, Cliff Wang	Circuits and Systems; Electronics and Microelectronics, Instrumentation; Processor Architectures	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8079-3
2070	Distributed, Embedded and Real-time Java Systems	M. Teresa Higuera-Toledano, Andy J. Wellings	Circuits and Systems; Software Engineering; Computer-Aided Engineering (CAD, CAE) and Design	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8157-8
2071	Memory Controllers for Real-Time Embedded Systems	Benny Akesson, Kees Goossens	Circuits and Systems; Memory Structures	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8206-3

2072	Test and Diagnosis for Small-Delay Defects	Mohammad Tehranipoor, Ke Peng, Krishnendu Chakrabarty	Circuits and Systems; Performance and Reliability; Nanotechnology and Microengineering	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8296-4
2073	Low Complexity MIMO Detection	Lin Bai, Jinho Choi	Communications Engineering, Networks; Signal, Image and Speech Processing	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8582-8
2074	2011 International Conference in Electrics, Communication and Automatic Control Proceedings	Ran Chen	Control; Communications Engineering, Networks; Electrical Engineering; Control, Robotics, Mechatronics	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-8848-5
2075	Error Control for Network-on-Chip Links	Bo Fu, Paul Ampadu	Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9312-0
2076	Ensemble Machine Learning	Cha Zhang, Yunqian Ma	Computational Intelligence; Data Mining and Knowledge Discovery; Computer Science, general	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9325-0
2077	Reconfigurable Networks-on-Chip	Sao-Jie Chen, Ying-Cherng Lan, Wen-Chung Tsai, Yu-Hen Hu	Circuits and Systems; Processor Architectures	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9340-3
2078	Energy and the Wealth of Nations	Charles A. S. Hall, Kent A. Klitgaard	Energy Economics; Sustainable Development; Environmental Economics; Energy Policy, Economics and Management; Socio- and Econophysics, Population and Evolutionary Models; Economic Geography	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9397-7
2079	High-/Mixed-Voltage Analog and RF Circuit Techniques for Nanoscale CMOS	Pui-In Mak, Rui Paulo Martins	Circuits and Systems; Signal, Image and Speech Processing; Microwaves, RF and Optical Engineering	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9538-4
2080	Built-in-Self-Test and Digital Self-Calibration for RF SoCs	Sleiman Bou-Sleiman, Mohammed Ismail	Circuits and Systems; Signal, Image and Speech Processing; Electronic Circuits and Devices	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9547-6
2081	Fuzzy Stochastic Optimization	Shuming Wang, Junzo Watada	Computational Intelligence; Optimization; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9559-9
2082	Fast Spectrum Reactors	Alan E. Waltar, Donald R. Todd, Pavel V. Tsvetkov	Nuclear Engineering; Nuclear Chemistry; Nuclear Physics, Heavy Ions, Hadrons; Energy Technology	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9571-1
2083	Lead-Free Piezoelectrics	Shashank Priya, Sahn Nahm	Electronics and Microelectronics, Instrumentation; Circuits and Systems; Materials Science, general	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9597-1
2084	Digital Signal Processing for In-Vehicle Systems and Safety	John H.L. Hansen, Pinar Boyraz, Kazuya Takeda, Hüseyin Abut	Signal, Image and Speech Processing; Automotive Engineering; Control; Signal, Image and Speech Processing	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9606-0
2085	DSP Architecture Design Essentials	Dejan Marković, Robert W. Brodersen	Circuits and Systems; Signal, Image and Speech Processing; Electrical Engineering; Processor Architectures	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9659-6
2086	Ultra-Wideband Radio Frequency Identification Systems	Faranak Nekoogar, Farid Dowla	Signal, Image and Speech Processing; Microwaves, RF and Optical Engineering; Communications Engineering, Networks; Control, Robotics, Mechatronics; Circuits and Systems; Computer Systems Organization and Communication Networks	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9700-5
2087	High Quality Test Pattern Generation and Boolean Satisfiability	Stephan Eggersgluß, Rolf Drechsler	Circuits and Systems; Electronics and Microelectronics, Instrumentation; Processor Architectures	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9975-7
2088	Life-Cycle Assessment of Semiconductors	Sarah B. Boyd	Electronics and Microelectronics, Instrumentation; Semiconductors; Renewable and Green Energy	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-9987-0

2089	Emerging Technological Risk	Stuart Anderson, Massimo Felici	Quality Control, Reliability, Safety and Risk; Innovation/Technology Management; System Performance and Evaluation; Philosophy of Technology	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2142-8
2090	Computer-aided Nonlinear Control System Design	Amir Nassirharand	Control; Computer-Aided Engineering (CAD, CAE) and Design; Industrial Chemistry/Chemical Engineering; Mechatronics; Automotive Engineering; Aerospace Technology and Astronautics	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2148-0
2091	Computer and Information Sciences II	Erol Gelenbe, Ricardo Lent, Georgia Sakellari	Circuits and Systems; Computer Systems Organization and Communication Networks; Database Management; Artificial Intelligence (incl. Robotics); Image Processing and Computer Vision; Electrical Engineering	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2154-1
2092	Wind Energy Conversion Systems	S.M. Mueen	Renewable and Green Energy; Renewable and Green Energy; Control; Sustainable Development	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2200-5
2093	Recent Advances in System Reliability	Anatoly Lisnianski, Ilia Frenkel	Quality Control, Reliability, Safety and Risk; Probability Theory and Stochastic Processes; Production/Logistics/Supply Chain Management	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2206-7
2094	Identification for Automotive Systems	Daniel Alberer, Håkan Hjalmarsson, Luigi Re	Automotive Engineering; Systems Theory, Control; Control	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2220-3
2095	Extremum-Seeking Control and Applications	Chunlei Zhang, Raúl Ordóñez	Control; Calculus of Variations and Optimal Control; Optimization; Automotive Engineering; Communications Engineering, Networks; Aerospace Technology and Astronautics; Power Electronics, Electrical Machines and Networks	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2223-4
2096	Low Rank Approximation	Ivan Markovsky	Control, Robotics, Mechatronics; Systems Theory, Control; Symbolic and Algebraic Manipulation; Mathematical Modeling and Industrial Mathematics; Artificial Intelligence (incl. Robotics); Signal, Image and Speech Processing	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2226-5
2097	Fractional Processes and Fractional-Order Signal Processing	Hu Sheng, YangQuan Chen, TianShuang Qiu	Signal, Image and Speech Processing; Image Processing and Computer Vision; Information and Communication, Circuits	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2232-6
2098	Reset Control Systems	Alfonso Baños, Antonio Barreiro	Control; Information Systems Applications (incl. Internet); Building Construction; Renewable and Green Energy	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2216-6
2099	Optimal Mobile Sensing and Actuation Policies in Cyber-physical Systems	Christophe Tricaud, YangQuan Chen	Mechatronics; Computer Communication Networks; Control; Communications Engineering, Networks; Soil Science & Conservation	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2261-6
2100	Distributed Decision Making and Control	Rolf Johansson, Anders Rantzer	Control; Systems Theory, Control; Game Theory/Mathematical Methods; Game Theory, Economics, Social and Behav. Sciences	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2264-7
2101	Innovation Design	Elke den Ouden	Engineering Economics, Organization, Logistics, Marketing; Management/Business for Professionals; Professional and Vocational Education; Organization/Planning; Entrepreneurship	2012	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2267-8

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2302	Multiphase Flow Dynamics 2	Nikolay Ivanov Kolev	Engineering Fluid Dynamics; Engineering Thermodynamics, Heat and Mass Transfer; Fluid- and Aerodynamics; Thermodynamics	2012	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20597-2
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3075	Advances in FRP Composites in Civil Engineering	Lieping Ye, Peng Feng, Qingrui Yue	Building Construction; Building Materials; Ceramics, Glass, Composites, Natural Materials	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17486-5
3076	Sensor Networks with IEEE 802.15.4 Systems	Chiara Buratti, Marco Martalò, Gianluigi Ferrari, Roberto Verdone	Communications Engineering, Networks; Computer Communication Networks	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17489-6
3077	OFDM	Hermann Rohling	Signal, Image and Speech Processing; Coding and Information Theory; Special Purpose and Application-Based Systems	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17495-7
3078	Design of Digital Systems and Devices	Marian Adamski, Alexander Barkalov, Marek Węgrzyn	Circuits and Systems; Signal, Image and Speech Processing; Computer System Implementation	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17544-2
3079	New Directions in Web Data Management 1	Athena Vakali, Lakhmi C. Jain	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17550-3
3080	Advances in Cell Mechanics	Shaofan Li, Bohua Sun	Theoretical and Applied Mechanics; Biomedical Engineering; Cell Biology; Biophysics and Biological Physics; Biomaterials; Simulation and Modeling	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17589-3
3081	Reconfigurable Control of Nonlinear Dynamical Systems	Jan H. Richter	Control; Complexity; Systems Theory, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17627-2
3082	Exoskeletons in Rehabilitation Robotics	Eduardo Rocon, José L. Pons	Robotics and Automation; Artificial Intelligence (incl. Robotics); Rehabilitation	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17658-6
3083	Soft Computing in Economics and Finance	Ludmila Dymowa	Computational Intelligence; Artificial Intelligence (incl. Robotics); Operation Research/Decision Theory	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17718-7
3084	Innovations in Defence Support Systems -2	Lakhmi C. Jain, Eugene V. Aidman, Canicious Abeynayake	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17763-7
3085	Computational Science and High Performance Computing IV	Egon Krause, Yurii Shokin, Michael Resch, Dietmar Kröner, Nina Shokina	Engineering Fluid Dynamics; Appl. Mathematics/Computational Methods of Engineering; Numeric Computing; Fluid- and Aerodynamics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17769-9
3086	Advanced Computational Intelligence Paradigms in Healthcare 6. Virtual Reality in Psychotherapy, Rehabilitation, and Assessment	Sheryl Brahnham, Lakhmi C. Jain	Computational Intelligence; Artificial Intelligence (incl. Robotics); Biomedical Engineering; Health Informatics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17823-8
3087	Calculus Light	Menahem Friedman, Abraham Kandel	Computational Intelligence; Information and Communication, Circuits; Appl. Mathematics/Computational Methods of Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17847-4
3088	Modelling and Control for Intelligent Industrial Systems	Gerasimos G. Rigatos	Computational Intelligence; Robotics and Automation; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17874-0
3089	Computational Fluid Dynamics 2010	Alexander Kuzmin	Engineering Fluid Dynamics; Fluid- and Aerodynamics; Computational Science and Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17883-2

3090	Recent Developments in the Ordered Weighted Averaging Operators: Theory and Practice	Ronald R. Yager, Janusz Kacprzyk, Gleb Beliakov	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17909-9
3091	Knowledge Seeker - Ontology Modelling for Information Search and Management	Edward H. Y. Lim, James N. K. Liu, Raymond S. T. Lee	Computational Intelligence; Artificial Intelligence (incl. Robotics); Operation Research/Decision Theory	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17915-0
3092	Sick Building Syndrome	Sabah A. Abdul-Wahab	Biomedical Engineering; Environmental Health; Building Types and Functions; Occupational Medicine/Industrial Medicine; Immunology; Building Construction	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17918-1
3093	Fractal Analysis in Machining	Prasanta Sahoo, Tapan Barman, João Paulo Davim	Engineering, general; Continuum Mechanics and Mechanics of Materials; Structural Materials	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17921-1
3094	Analysis and Synthesis of Networked Control Systems	Yuanqing Xia, Mengyin Fu, Guo-Ping Liu	Control; Computer Systems Organization and Communication Networks; Systems Theory, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17924-2
3095	Intelligence-Based Systems Engineering	Andreas Tolk, Lakhmi C. Jain	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17930-3
3096	Innovations in Intelligent Image Analysis	Halina Kwaśnicka, Lakhmi C. Jain	Computational Intelligence; Artificial Intelligence (incl. Robotics); Signal, Image and Speech Processing; Image Processing and Computer Vision	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17933-4
3097	New Developments and Applications in Sensing Technology	Subhas Chandra Mukhopadhyay, Aimé Lay-Ekuakille, Anton Fuchs	Electrical Engineering; Signal, Image and Speech Processing; Computer Systems Organization and Communication Networks	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17942-6
3098	Electric Power System Planning	Hossein Seifi, Mohammad Sadegh Sepasian	Power Electronics, Electrical Machines and Networks	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-17988-4
3099	Advances in Intelligent Web Mastering – 3	Elena Mugellini, Piotr S. Szczepaniak, Maria Chiara Pettenati, Maria Sokhn	Computational Intelligence; Artificial Intelligence (incl. Robotics); Information Systems Applications (incl. Internet)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18028-6
3100	Vapor-Liquid Interfaces, Bubbles and Droplets	Shigeo Fujikawa, Takeru Yano, Masao Watanabe	Engineering Fluid Dynamics; Fluid- and Aerodynamics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18037-8
3101	Swarm Stability and Optimization	Veysel Gazi, Kevin M. Passino	Computational Intelligence; Artificial Intelligence (incl. Robotics); Control, Robotics, Mechatronics; Image Processing and Computer Vision	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18040-8
3102	Myocardial Tissue Engineering	Aldo R. Boccaccini, Sian E. Harding	Biomedical Engineering; Stem Cells; Biomaterials; Gene Therapy; Cardiology	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18055-2
3103	Active Implants and Scaffolds for Tissue Regeneration	Meital Zilberman	Biomedical Engineering; Biomaterials; Molecular Medicine; Medical Biochemistry; Medicinal Chemistry	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18064-4
3104	Mining and Control of Network Traffic by Computational Intelligence	Federico Montesino Pouzols, Diego R. Lopez, Angel Barriga Barros	Computational Intelligence; Artificial Intelligence (incl. Robotics); Communications Engineering, Networks; Information Systems Applications (incl. Internet)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18083-5
3105	Evolving Fuzzy Systems – Methodologies, Advanced Concepts and Applications	Edwin Lughofer	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18086-6
3106	Biomechanics and Mechanobiology of Aneurysms	Tim McGloughlin	Biomedical Engineering; Biomaterials; Human Physiology; Cardiac Surgery; Continuum Mechanics and Mechanics of Materials	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18094-1

3107	Flexibility Measurement in Production Systems	Sven Rogalski	Industrial and Production Engineering; Information Systems Applications (incl.Internet); Business Information Systems	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18116-0
3108	Ambient Assisted Living	Reiner Wichert, Birgid Eberhardt	Biomedical Engineering; R & D/Technology Policy; Aging; Geriatrics/Gerontology; Computer Appl. in Social and Behavioral Sciences	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18166-5
3109	Logistic Core Operations with SAP	Jens Kappauf, Bernd Lauterbach, Matthias Koch	Engineering Economics, Organization, Logistics, Marketing; Computer Applications; Management of Computing and Information Systems; Production/Logistics/Supply Chain Management; Information Systems Applications (incl.Internet)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18203-7
3110	New Horizons in Evolutionary Robotics	Stéphane Doncieux, Nicolas Bredèche, Jean-Baptiste Mouret	Computational Intelligence; Artificial Intelligence (incl. Robotics); Robotics and Automation	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18271-6
3111	Innovations in Defence Support Systems – 3	Paolo Remagnino, Dorothy N. Monekosso, Lakhmi C. Jain	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18277-8
3112	Bifurcations, Instabilities and Degradations in Geomaterials	Richard Wan, Mustafa Alsaleh, Joe Labuz	Continuum Mechanics and Mechanics of Materials; Appl.Mathematics/Computational Methods of Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18283-9
3113	Visual Sensing and its Applications	Zhongxue Gan, Qing Tang	Control, Robotics, Mechatronics; Image Processing and Computer Vision; Laser Technology, Photonics; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18286-0
3114	Handbook of Force Transducers	Dan Mihai Ștefănescu	Engineering Thermodynamics, Heat and Mass Transfer; Mechatronics; Machinery and Machine Elements	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18295-2
3115	Mobile Hybrid Intrusion Detection	Álvaro Herrero, Emilio Corchado	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18298-3
3116	Semantic Agent Systems	Atilla Elçi, Mamadou Tadiou Koné, Mehmet A. Orgun	Computational Intelligence; Artificial Intelligence (incl. Robotics); Language Translation and Linguistics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18307-2
3117	Infrastructure and Safety in a Collaborative World	Evangelos Bekiaris, Marion Wiethoff, Evangelia Gaitanidou	Automotive Engineering; Regional/Spatial Science	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18371-3
3118	Electromagnetics and Network Theory and their Microwave Technology Applications	Stefan Lindenmeier, Robert Weigel	Microwaves, RF and Optical Engineering; Optics and Electrodynamics; Computational Science and Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18374-4
3119	Integral and Diagnostic Intrusive Prediction of Speech Quality	Nicolas Côté	Signal,Image and Speech Processing; User Interfaces and Human Computer Interaction; Communications Engineering, Networks; Information and Communication, Circuits	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-18462-8
3120	8th International Conference on Cell & Stem Cell Engineering (ICCE)	Alicia Haj, Dan Bader	Biomedical Engineering; Physics of the Cell; Stem Cells	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19043-8
3121	Sustainable Automotive Technologies 2011	Steve Hung, Aleksandar Subic, Jörg Wellnitz	Automotive Engineering; Industrial and Production Engineering; Structural Materials; Sustainable Development	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19052-0
3122	Nanostructured Materials for Engineering Applications	Carlos Pérez Bergmann, Mônica Jung Andrade	Nanotechnology and Microengineering; Nanotechnology; Industrial and Production Engineering; Optical and Electronic Materials; Tribology, Corrosion and Coatings; Biomaterials	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19130-5

3123	Architecting the Internet of Things	Dieter Uckelmann, Mark Harrison, Florian Michahelles	Engineering Economics, Organization, Logistics, Marketing; Computational Intelligence; e-Commerce/e-business; Production/Logistics/Supply Chain Management; Information Systems and Communication Service	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19156-5
3124	Dimensional Analysis	Qing-Ming Tan	Theoretical and Applied Mechanics; Classical Continuum Physics; Functional Analysis; Civil Engineering; Geoengineering, Foundations, Hydraulics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19233-3
3125	Fracture Mechanics	Dietmar Gross, Thomas Seelig	Continuum Mechanics and Mechanics of Materials; Characterization and Evaluation of Materials; Structural Mechanics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19239-5
3126	Kernel-based Data Fusion for Machine Learning	Shi Yu, Léon-Charles Tranchevent, Bart Moor, Yves Moreau	Computational Intelligence; Artificial Intelligence (incl. Robotics); Computational Biology/Bioinformatics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19405-4
3127	Robotics Research	Cédric Pradalier, Roland Siegwart, Gerhard Hirzinger	Robotics and Automation; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19456-6
3128	Advances in Transport Phenomena 2010	Liqiu Wang	Engineering Thermodynamics, Heat and Mass Transfer; Thermodynamics; Industrial Chemistry/Chemical Engineering; Mathematical Modeling and Industrial Mathematics; Engineering Fluid Dynamics; Classical Continuum Physics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19465-8
3129	Autonomous Cooperation and Control in Logistics	Michael Hülsmann, Bernd Scholz-Reiter, Katja Windt	Engineering Economics, Organization, Logistics, Marketing; Robotics and Automation; Production/Logistics/Supply Chain Management; Control; Innovation/Technology Management	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19468-9
3130	Introduction to Microsystem Design	Werner Karl Schomburg	Nanotechnology and Microengineering; Optical and Electronic Materials; Applied and Technical Physics; Circuits and Systems	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19488-7
3131	Biomedical Sensors and Measurement	Ping Wang, Qingjun Liu	Biomedical Engineering; Computer Appl. in Life Sciences; Biophysics and Biological Physics; Electronics and Microelectronics, Instrumentation	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19524-2
3132	Informatics in Control, Automation and Robotics	Juan Andrade Cetto, Jean-Louis Ferrier, Joaquim Filipe	Control; Robotics and Automation; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19538-9
3133	Multimedia Analysis, Processing and Communications	Weisi Lin, Dacheng Tao, Janusz Kacprzyk, Zhu Li, Ebroul Izquierdo, Haohong Wang	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Communications Engineering, Networks; Information Systems and Communication Service	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19550-1
3134	Future Visions on Biomedicine and Bioinformatics 2	Lodewijk Bos, Denis Carroll, Luis Kun, Andrew Marsh, Laura M. Roa	Biomedical Engineering; Health Informatics; Data Mining and Knowledge Discovery	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19553-2
3135	Low Power and Reliable SRAM Memory Cell and Array Design	Koichiro Ishibashi, Kenichi Osada	Electronics and Microelectronics, Instrumentation; Engineering, general	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19567-9
3136	Statistical Pronunciation Modeling for Non-Native Speech Processing	Rainer E. Gruhn, Wolfgang Minker, Satoshi Nakamura	Signal, Image and Speech Processing; Language Translation and Linguistics; Phonology; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19585-3

3137	Optimal Time-Domain Noise Reduction Filters	Jacob Benesty, Jingdong Chen	Signal, Image and Speech Processing; Coding and Information Theory; Communications Engineering, Networks	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19600-3
3138	Combinations of Intelligent Methods and Applications	Ioannis Hatzilygeroudis, Jim Prentzas	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19617-1
3139	Information Processing and Biological Systems	Samuli Niiranen, Andre Ribeiro	Computational Intelligence; Artificial Intelligence (incl. Robotics); Systems Biology; Computational Biology/Bioinformatics; Complexity	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19620-1
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3142	Soft Computing Models in Industrial and Environmental Applications, 6th International Conference SOCO 2011	Emilio Corchado, Václav Snášel, Javier Sedano, Aboul Ella Hassanien, José Luis Calvo, Dominik Ślęzak	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19643-0
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3144	Functional Thinking for Value Creation	Jürgen Hesselbach, Christoph Herrmann	Engineering Economics, Organization, Logistics, Marketing; Engineering Design; Production/Logistics/Supply Chain Management	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19688-1
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3150	Linear Time-Varying Systems	Henri Bourlès, Bogdan Marinescu	Control, Robotics, Mechatronics; Systems Theory, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19726-0
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3153	The Sound of Silence	Burkhard Vogel	Signal, Image and Speech Processing; Acoustics; Circuits and Systems; Electronics and Microelectronics, Instrumentation	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19773-4

3154	Transient Heat Transfer	Donatello Annaratone	Engineering Thermodynamics, Heat and Mass Transfer; Engineering Fluid Dynamics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19776-5
3155	On the Achievable Rate of Stationary Fading Channels	Meik Dörpinghaus	Communications Engineering, Networks; Coding and Information Theory; Computational Science and Engineering; Signal, Image and Speech Processing	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19779-6
3156	Technology-Enhanced Systems and Tools for Collaborative Learning Scaffolding	Thanasis Daradoumis, Santi Caballé, Angel A. Juan, Fatos Xhafa	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19813-7
3157	Advances in Aerospace Guidance, Navigation and Control	Florian Holzapfel, Stephan Theil	Aerospace Technology and Astronautics; Control; Appl.Mathematics/Computational Methods of Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19816-8
3158	Granular Computing and Intelligent Systems	Witold Pedrycz, Shyi-Ming Chen	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19819-9
3159	Towards Intelligent Modeling: Statistical Approximation Theory	George A. Anastassiou, Oktay Duman	Computational Intelligence; Artificial Intelligence (incl. Robotics); Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19825-0
3160	Advances on Practical Applications of Agents and Multiagent Systems	Yves Demazeau, Michal Pěchouček, Juan M. Corchado, Javier Bajo Pérez	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19874-8
3161	Self-Learning Speaker Identification	Tobias Herbig, Franz Gerl, Wolfgang Minker	Signal, Image and Speech Processing; Biometrics; Communications Engineering, Networks; User Interfaces and Human Computer Interaction	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19898-4
3162	User-Centric Technologies and Applications	José M. Molina, José Ramón Casar Corredra, Manuel Felipe Cátedra Pérez, Javier Ortega-García, Ana M. Bernardos Barbolla	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19907-3
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3164	5th International Conference on Practical Applications of Computational Biology & Bioinformatics (PACBB 2011)	Miguel P. Rocha, Juan M. Corchado Rodríguez, Florentino Fdez-Riverola, Alfonso Valencia	Computational Intelligence; Artificial Intelligence (incl. Robotics); Bioinformatics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19913-4
3165	Highlights in Practical Applications of Agents and Multiagent Systems	Javier Bajo Pérez, Juan M. Corchado, María N. Moreno, Vicente Julián, Philippe Mathieu, Joaquin Canada-Bago, Alfonso Ortega, Antonio Fernández Caballero	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19916-5
3166	Trends in Practical Applications of Agents and Multiagent Systems	Juan M. Corchado, Javier Bajo Pérez, Kasper Hallenborg, Paulina Golinska, Rafael Corchuelo	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19930-1
3167	International Symposium on Distributed Computing and Artificial Intelligence	Ajith Abraham, Juan M. Corchado, Sara Rodríguez González, Juan F. Paz Santana	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19933-2
3168	Ambient Intelligence - Software and Applications	Paulo Novais, Davy Preuveneers, Juan M. Corchado	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19936-3
3169	New Challenges for Intelligent Information and Database Systems	Ngoc Thanh Nguyen, Bogdan Trawiński, Jason J. Jung	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19952-3

3170	Modeling Intention in Email	Vitor R. Carvalho	Computational Intelligence; Artificial Intelligence (incl. Robotics); Information Systems Applications (incl. Internet)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19955-4
3171	Robotic Welding, Intelligence and Automation	Tzyh-Jong Tarn, Shan-Ben Chen, Gu Fang	Electronics and Microelectronics, Instrumentation; Robotics and Automation; Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19958-5
3172	Thermophotovoltaics	Thomas Bauer	Power Electronics, Electrical Machines and Networks; Thermodynamics; Renewable and Green Energy; Engineering, general	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19964-6
3173	Demand Driven Supply Chain	Paulo Mendes	Engineering Economics, Organization, Logistics, Marketing; Entrepreneurship; Organization/Planning; Engineering Economics, Organization, Logistics, Marketing	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-19991-2
3174	Multiagent Coordination Enabling Autonomous Logistics	Arne Scholdt	Engineering Economics, Organization, Logistics, Marketing; Artificial Intelligence (incl. Robotics); Business Information Systems	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20091-5
3175	Sound and Signals	Mikio Tohyama	Engineering Acoustics; Acoustics; Signal, Image and Speech Processing	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20121-9
3176	Expert Fuzzy Information Processing	Olga Poleshchuk, Evgeniy Komarov	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20124-0
3177	Robotics, Vision and Control	Peter Corke	Robotics and Automation; Artificial Intelligence (incl. Robotics); Image Processing and Computer Vision; Signal, Image and Speech Processing; Machinery and Machine Elements; Cognitive Psychology	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20143-1
3178	Advances in Sustainable Manufacturing	Günther Seliger, Marwan M.K. Khraisheh, I.S. Jawahir	Manufacturing, Machines, Tools; Environmental Economics; Sustainable Development; Renewable and Green Energy	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20182-0
3179	Computational Intelligence	Kurosh Madani, António Dourado Correia, Agostinho Rosa, Joaquim Filipe	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20205-6
3180	Dynamics and Control of Electrical Drives	Piotr Wach	Computational Intelligence; Artificial Intelligence (incl. Robotics); Mechatronics; Energy Efficiency (incl. Buildings)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20221-6
3181	System Engineering and Automation	Javier Fernández de Cañete, Cipriano Galindo, Inmaculada García Moral	Control; Systems Theory, Control; Control, Robotics, Mechatronics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20229-2
3182	Broadband Reflectometry for Enhanced Diagnostics and Monitoring Applications	Andrea Cataldo, Egidio De Benedetto, Giuseppe Cannazza	Electronics and Microelectronics, Instrumentation; Microwaves, RF and Optical Engineering; Measurement Science and Instrumentation; Optics, Optoelectronics, Plasmonics and Optical Devices	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20232-2
3183	Hybrid Random Fields	Antonino Freno, Edmondo Trentin	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20307-7
3184	Mathematical Modeling	Stefan Heinz	Computational Intelligence; Mathematical Methods in Physics; Mathematical Modeling and Industrial Mathematics; Math. Applications in Chemistry	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20310-7

3185	Computer Recognition Systems 4	Robert Burduk, Marek Kurzyński, Michał Woźniak, Andrzej Żolnierek	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20319-0
3186	Knowledge Annotation: Making Implicit Knowledge Explicit	Alexiei Dingli	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20322-0
3187	Fundamental Medical and Engineering Investigations on Protective Artificial Respiration	Michael Klaas, Edmund Koch, Wolfgang Schröder	Engineering Fluid Dynamics; Biomedical Engineering; Pneumology/Respiratory System; Appl.Mathematics/Computational Methods of Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20325-1
3188	Next Generation Data Technologies for Collective Computational Intelligence	Nik Bessis, Fatos Xhafa	Computational Intelligence; Artificial Intelligence (incl. Robotics); Information Systems Applications (incl.Internet)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20343-5
3189	Fundamentals in Information Theory and Coding	Monica Borda	Signal,Image and Speech Processing; Coding and Information Theory; Bioinformatics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20346-6
3190	Complex-Valued Neural Networks with Multi-Valued Neurons	Igor Aizenberg	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20352-7
3191	Near-Field Characterization of Micro/Nano-Scaled Fluid Flows	Kenneth D. Kihm	Engineering Fluid Dynamics; Fluid- and Aerodynamics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20425-8
3192	Modelling, Simulation and Software Concepts for Scientific-Technological Problems	Ernst Stephan, Peter Wriggers	Continuum Mechanics and Mechanics of Materials; Simulation and Modeling; Appl.Mathematics/Computational Methods of Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20489-0
3193	Selected Problems of Fractional Systems Theory	Tadeusz Kaczorek	Control; Systems Theory, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20501-9
3194	Soft Computing in Industrial Applications	António Gaspar-Cunha, Ricardo Takahashi, Gerald Schaefer, Lino Costa	Computational Intelligence; Artificial Intelligence (incl. Robotics); Communications Engineering, Networks; Image Processing and Computer Vision	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20504-0
3195	Innovation through Knowledge Transfer 2010	Robert J. Howlett	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20507-1
3196	Consensual Processes	Enrique Herrera-Viedma, José Luis García-Lapresta, Janusz Kacprzyk, Mario Fedrizzi, Hannu Nurmi, Sławomir Zadrozny	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20532-3
3197	Group Search Optimization for Applications in Structural Design	Lijuan Li, Feng Liu	Computational Intelligence; Artificial Intelligence (incl. Robotics); Civil Engineering; Structural Mechanics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20535-4
3198	Chaos-Based Cryptography	Ljupco Kocarev, Shiguo Lian	Computational Intelligence; Artificial Intelligence (incl. Robotics); Data Encryption; Data Structures, Cryptology and Information Theory	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20541-5
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3200	Control and Adaptation in Telecommunication Systems	Vladimir Popovskij, Alexander Barkalov, Larysa Titarenko	Communications Engineering, Networks; Electrical Engineering; Control; Appl.Mathematics/Computational Methods of Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20613-9

3201	Introduction to Hydro Energy Systems	Hermann-Josef Wagner, Jyotirmay Mathur	Renewable and Green Energy; Mechanical Engineering; Civil Engineering; Electrical Engineering; Energy Economics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20708-2
3202	Bio-Inspired Self-Organizing Robotic Systems	Yan Meng, Yaochu Jin	Computational Intelligence; Robotics and Automation; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20759-4
3203	Modern Mathematical Tools and Techniques in Capturing Complexity	Leandro Pardo, Narayanaswamy Balakrishnan, María Ángeles Gil	Complexity; Nonlinear Dynamics; Systems Theory, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20852-2
3204	Computational Optimization, Methods and Algorithms	Slawomir Koziel, Xin-She Yang	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20858-4
3205	Advanced Sliding Mode Control for Mechanical Systems	Jinkun Liu, Xinhua Wang	Control; Vibration, Dynamical Systems, Control; Systems Theory, Control; Aerospace Technology and Astronautics; Industrial and Production Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20906-2
3206	Innovative Computing Methods and Their Applications to Engineering Problems	Nadia Nedjah, Leandro Santos Coelho, Viviana Cocco Mariani, Luiza Macedo Mourelle	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20957-4
3207	Complexity Metrics in Engineering Design	Matthias Kreimeyer, Udo Lindemann	Complexity; Engineering Design; Computer-Aided Engineering (CAD, CAE) and Design; Business Information Systems	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20962-8
3208	Dynamic Response of Pre-Stressed Spatially Curved Thin-Walled Beams of Open Profile	Yury A. Rossikhin, Marina V. Shitikova	Continuum Mechanics and Mechanics of Materials; Computational Science and Engineering; Mechanics; Civil Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20968-0
3209	Meta-Learning in Computational Intelligence	Norbert Jankowski, Włodzisław Duch, Krzysztof Grąbczewski	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20979-6
3210	Reliability Engineering	Massimo Lazzaroni, Loredana Cristaldi, Lorenzo Peretto, Paola Rinaldi, Marcantonio Catelani	Quality Control, Reliability, Safety and Risk; Organization/Planning; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Communications Engineering, Networks; R & D/Technology Policy	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20982-6
3211	Computational Optimization and Applications in Engineering and Industry	Xin-She Yang, Slawomir Koziel	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20985-7
3212	Combinatorial Machine Learning	Mikhail Moshkov, Beata Zielosko	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-20994-9
3213	Intelligent Systems	Crina Grosan, Ajith Abraham	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21003-7
3214	New Developments in Sensing Technology for Structural Health Monitoring	Subhas Chandra Mukhopadhyay	Signal, Image and Speech Processing; Biomedical Engineering; Electrical Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21098-3
3215	Plasticity and Creep of Metals	Andrew Rusinko, Konstantin Rusinko	Continuum Mechanics and Mechanics of Materials; Computational Mathematics and Numerical Analysis; Metallic Materials	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21212-3
3216	Injection Molding	Rong Zheng, Roger I. Tanner, Xi-Jun Fan	Operating Procedures, Materials Treatment; Industrial Chemistry/Chemical Engineering; Structural Materials; Polymer Sciences; Engineering Fluid Dynamics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21262-8
3217	Intelligent Decision Systems in Large-Scale Distributed Environments	Pascal Bouvry, Horacio González-Vélez, Joanna Kofodziej	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21270-3

3218	From Curve Fitting to Machine Learning	Achim Zielesny	Computational Intelligence; Artificial Intelligence (incl. Robotics); Appl.Mathematics/Computational Methods of Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21279-6
3219	Robust Speech Recognition of Uncertain or Missing Data	Dorothea Kolossa, Reinhold Häb-Umbach	Signal,Image and Speech Processing; Artificial Intelligence (incl. Robotics); Computational Linguistics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21316-8
3220	Developing Concepts in Applied Intelligence	Kishan G. Mehrotra, Chilukuri Mohan, Jae C. Oh, Pramod K. Varshney, Moonis Ali	Engineering, general; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21331-1
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3223	Advanced Microsystems for Automotive Applications 2011	Gereon Meyer, Jürgen Valldorf	Automotive Engineering; User Interfaces and Human Computer Interaction; Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21380-9
3224	Advances in Distributed Agent-Based Retrieval Tools	Vincenzo Pallotta, Alessandro Soro, Eloisa Vargiu	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21383-0
3225	Random Finite Sets for Robot Mapping and SLAM	John Mullane, Ba-Ngu Vo, Martin Adams, Ba-Tuong Vo	Robotics and Automation; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21389-2
3226	Dependable Computer Systems	Wojciech Zamojski, Janusz Kacprzyk, Jacek Mazurkiewicz, Jarosław Sugier, Tomasz Walkowiak	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21392-2
3227	Intelligent Systems: Approximation by Artificial Neural Networks	George A. Anastassiou	Computational Intelligence; Artificial Intelligence (incl. Robotics); Applications of Mathematics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21430-1
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3229	15th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC 2011)	Kim Dremstrup, Steve Rees, Morten Ølgaard Jensen	Biomedical Engineering; Medical and Radiation Physics; Health Informatics; Signal,Image and Speech Processing	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21682-4
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3231	Intelligent Computational Optimization in Engineering	Mario Köppen, Gerald Schaefer, Ajith Abraham	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21704-3
3232	5th Kuala Lumpur International Conference on Biomedical Engineering 2011	Noor Azuan Abu Osman, Wan Abu Bakar Wan Abas, Ahmad Khairi Abdul Wahab, Hua-Nong Ting	Biomedical Engineering; Medical and Radiation Physics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21728-9
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3239	Recursive Estimation and Time-Series Analysis	Peter C. Young	Control; Probability Theory and Stochastic Processes; Complex Networks; Communications Engineering, Networks; Vibration, Dynamical Systems, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-21980-1
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3241	Cusped Shell-Like Structures	George Jaiani	Continuum Mechanics and Mechanics of Materials; Computational Science and Engineering; Mechanics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-22100-2
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3244	Trends in Computational Contact Mechanics	Giorgio Zavarise, Peter Wriggers	Theoretical and Applied Mechanics; Appl.Mathematics/Computational Methods of Engineering; Continuum Mechanics and Mechanics of Materials	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-22166-8
3245	Control Technologies for Emerging Micro and Nanoscale Systems	Evangelos Eleftheriou, S. O. Reza Moheimani	Control; Nanotechnology and Microengineering; Systems Theory, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-22172-9
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3264	Emotional Cognitive Neural Algorithms with Engineering Applications	Leonid Perlovsky, Ross Deming, Roman Ilin	Computational Intelligence; Artificial Intelligence (incl. Robotics); Statistical Physics, Dynamical Systems and Complexity; Complexity; Logics and Meanings of Programs	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-22829-2
3265	Nonlinear Mathematics for Uncertainty and its Applications	Shoumei Li, Xia Wang, Yoshiaki Okazaki, Jun Kawabe, Toshiaki Murofushi, Li Guan	Computational Intelligence; Artificial Intelligence (incl. Robotics); Applications of Mathematics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-22832-2
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3267	Ensembles in Machine Learning Applications	Oleg Okun, Giorgio Valentini, Matteo Re	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-22909-1
3268	Learning Structure and Schemas from Documents	Marenglen Biba, Fatos Xhafa	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-22912-1

3269	Image Processing and Communications Challenges 3	Ryszard S. Choraś	Computational Intelligence; Artificial Intelligence (incl. Robotics); Signal, Image and Speech Processing; Communications Engineering, Networks; Image Processing and Computer Vision	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-23153-7
3270	Third International Conference on Software, Services and Semantic Technologies S3T 2011	Darina Dicheva, Zdravko Markov, Eliza Stefanova	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-23162-9
3271	Man-Machine Interactions 2	Tadeusz Czachórski, Stanisław Kozielski, Urszula Stańczyk	Computational Intelligence; Artificial Intelligence (incl. Robotics); User Interfaces and Human Computer Interaction	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-23168-1
3272	Semantic Methods for Knowledge Management and Communication	Radosław Katarzyniak, Tzu-Fu Chiu, Chao-Fu Hong, Ngoc Thanh Nguyen	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-23417-0
3273	Advances in Computer Science, Intelligent System and Environment	David Jin, Sally Lin	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-23752-2
3274	Advances in Computer Science, Intelligent System and Environment	David Jin, Sally Lin	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-23755-3
3275	Advances in Computer Science, Intelligent System and Environment	David Jin, Sally Lin	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-23776-8
3276	Fault Detection and Flight Data Measurement	Ihab Samy, Da-Wei Gu	Control; Computational Intelligence; Aerospace Technology and Astronautics; Systems Theory, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-24051-5
3277	Nature Inspired Cooperative Strategies for Optimization (NICSO 2011)	David Alejandro Pelta, Natalio Krasnogor, Dan Dumitrescu, Camelia Chira, Rodica Lung	Computational Intelligence; Artificial Intelligence (incl. Robotics); Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-24093-5
3278	Engineering Education and Management	Liangchi Zhang, Chunliang Zhang	Engineering Economics, Organization, Logistics, Marketing; Educational Technology; Quality Control, Reliability, Safety and Risk	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-24822-1
3279	Knowledge Engineering and Management	Yinglin Wang, Tianrui Li	Computational Intelligence; Data Mining and Knowledge Discovery; Artificial Intelligence (incl. Robotics); Signal, Image and Speech Processing; Information Systems Applications (incl. Internet); Information Storage and Retrieval	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-25660-8
3280	Informatics in Control, Automation and Robotics	Honghua Tan	Robotics and Automation; Control; Electrical Engineering; Simulation and Modeling; Signal, Image and Speech Processing	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-25898-5
3281	Advances in Electrical Engineering and Electrical Machines	Dehuai Zheng	Electrical Engineering; Power Electronics, Electrical Machines and Networks	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-25904-3
3282	Cyber-Physical Systems	acatech - National Academy of Science and Engineering, 2011	Computer Science, general; Engineering, general; Economics/Management Science, general	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-642-29089-3
3283	Humans in Outer Space — Interdisciplinary Perspectives	Ulrike Landfester, Nina-Louisa Remuss, Kai-Uwe Schrogl, Jean-Claude Worms	Aerospace Technology and Astronautics; Political Science, general	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-0279-4
3284	Strain-Induced Effects in Advanced MOSFETs	Viktor Sverdlov	Electronics and Microelectronics, Instrumentation	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-0381-4

3285	Damage Mechanics and Micromechanics of Localized Fracture Phenomena in Inelastic Solids	George Z. Voyiadjis	Materials Science, general; Engineering Design; Physics, general; Mathematics, general	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-0426-2
3286	Impact Engineering of Composite Structures	Serge Abrate	Vibration, Dynamical Systems, Control; Automotive Engineering; Aerospace Technology and Astronautics	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-0522-1
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3288	Mechanics and Electrodynamics of Magneto- and Electro-elastic Materials	Ray W. Ogden, David J. Steigmann	Continuum Mechanics and Mechanics of Materials; Computational Science and Engineering; Materials Science, general; Vibration, Dynamical Systems, Control	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-0700-3
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3290	Deterministic Solvers for the Boltzmann Transport Equation	Sung-Min Hong, Anh-Tuan Pham, Christoph Jungemann	Electronics and Microelectronics, Instrumentation; Semiconductors; Optical and Electronic Materials	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-0777-5
3291	Numerical Modeling of Concrete Cracking	Günter Hofstetter, Günther Meschke	Building Materials; Computational Science and Engineering; Structural Materials	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-0896-3
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3294	Yearbook on Space Policy 2009/2010	Kai-Uwe Schrogl, Spyros Pagkratis, Blandina Baranes	Aerospace Technology and Astronautics; Political Science, general; Law of the Sea, Air and Outer Space; R & D/Technology Policy	2011	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-0941-0
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3318	Low-Power High-Resolution Analog to Digital Converters	Amir Zjajo, José Pineda de Gyvez	Electronics and Microelectronics, Instrumentation; Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design	2011	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9724-8
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3323	IUTAM Symposium on Multiscale Modelling of Fatigue, Damage and Fracture in Smart Materials	Meinhard Kuna, Andreas Ricoeur	Continuum Mechanics and Mechanics of Materials; Mathematical Modeling and Industrial Mathematics; Quality Control, Reliability, Safety and Risk; Characterization and Evaluation of Materials	2011	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9886-3
3324	Renewable Energies in Germany's Electricity Market	Elke Bruns, Dörte Ohlhorst, Bernd Wenzel, Johann Köppel	Renewable and Green Energy; Political Science, general; Environment, general; Nature Conservation; Environmental Law/Policy/Ecojustice; Climate Change	2011	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9904-4
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3346	IUTAM Symposium on the Vibration Analysis of Structures with Uncertainties	Alexander K. Belyaev, Robin S. Langley	Vibration, Dynamical Systems, Control; Structural Mechanics; Continuum Mechanics and Mechanics of Materials; Statistical Theory and Methods; Appl.Mathematics/Computational Methods of Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0288-2
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3364	Collaborative Design in Virtual Environments	Xiangyu Wang, Jerry Jen-Hung Tsai	Information Systems Applications (incl.Internet); Building Construction; Interaction Design; Computer-Aided Engineering (CAD, CAE) and Design; Computers and Education	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0604-0
3365	Electric Power Quality	Surajit Chattopadhyay, Madhuchhanda Mitra, Samarjit Sengupta	Power Electronics, Electrical Machines and Networks; Energy Technology	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0634-7
3366	Solutions on Embedded Systems	Massimo Conti, Simone Orcioni, Natividad Martínez Madrid, Ralf E.D. Seepold	Electronics and Microelectronics, Instrumentation; Processor Architectures	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0637-8
3367	Robust Sigma Delta Converters	Robert H.M. van Veldhoven, Arthur H.M. van Roermund	Circuits and Systems; Solid State Physics; Input/Output and Data Communications	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0643-9
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3370	Modelling of Corroding Concrete Structures	Carmen Andrade, Giuseppe Mancini	Building Materials; Structural Materials; Quality Control, Reliability, Safety and Risk	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0676-7
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3372	Introduction to Avionics Systems	R.P.G. Collinson	Aerospace Technology and Astronautics; Electronics and Microelectronics, Instrumentation	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0707-8
3373	IUTAM Symposium on Nonlinear Stochastic Dynamics and Control	W. Q. Zhu, Y. K. Lin, G. Q. Cai	Nonlinear Dynamics; Vibration, Dynamical Systems, Control; Systems Theory, Control; Mechanics; Statistical Physics, Dynamical Systems and Complexity	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0731-3
3374	Particle-Based Methods	Eugenio Oñate, Roger Owen	Continuum Mechanics and Mechanics of Materials; Computational Science and Engineering; Theoretical, Mathematical and Computational Physics; Engineering, general	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0734-4
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3400	Sharing RF Spectrum with Commodity Wireless Technologies	Jan Kruys, Luke Qian	Communications Engineering, Networks; Microwaves, RF and Optical Engineering; Applied and Technical Physics	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-1584-4
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3410	IT Convergence and Services	James J. Park, Hamid Arabnia, Hang-Bae Chang, Taeshik Shon	Communications Engineering, Networks; Multimedia Information Systems; Computer Systems Organization and Communication Networks; Computational Science and Engineering; Business/Management Science, general; Biomedical Engineering	2011	http://link.springer.com/openurl?genre=book&isbn=978-94-007-2597-3
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3553	Introduction to Engineering Statistics and Lean Sigma	Theodore T. Allen	Engineering Economics, Organization, Logistics, Marketing; Statistics for Business/Economics/Mathematical Finance/Insurance; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Operation Research/Decision Theory; Organization/Planning	2010	http://link.springer.com/openurl?genre=book&isbn=978-1-84882-999-2
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3556	Stochastic Distribution Control System Design	Lei Guo, Hong Wang	Control; Probability Theory and Stochastic Processes; Industrial Chemistry/Chemical Engineering; Manufacturing, Machines, Tools; Quality Control, Reliability, Safety and Risk; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences	2010	http://link.springer.com/openurl?genre=book&isbn=978-1-84996-029-8
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3562	Automotive Model Predictive Control	Luigi Re, Frank Allgöwer, Luigi Glielmo, Carlos Guardiola, Ilya Kolmanovsky	Control; Automotive Engineering	2010	http://link.springer.com/openurl?genre=book&isbn=978-1-84996-070-0
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3569	Introduction to Evolutionary Algorithms	Xinjie Yu, Mitsuo Gen	Complexity; Artificial Intelligence (incl. Robotics); Control, Robotics, Mechatronics; Simulation and Modeling	2010	http://link.springer.com/openurl?genre=book&isbn=978-1-84996-128-8
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3740	Advances in Wireless Sensors and Sensor Networks	Subhas Chandra Mukhopadhyay, Henry Leung	Communications Engineering, Networks; Biomedical Engineering; Computer Systems Organization and Communication Networks; Signal,Image and Speech Processing	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-12706-9
3741	Digital Communication	Apurba Das	Communications Engineering, Networks; Coding and Information Theory; Signal,Image and Speech Processing	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-12742-7
3742	Computational Intelligence in Optimization	Yoel Tenne, Chi-Keong Goh	Computational Intelligence; Artificial Intelligence (incl. Robotics); Robotics and Automation; Applications of Mathematics	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-12774-8
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3745	Centrifugal Pumps	Johann Friedrich Gülich	Machinery and Machine Elements; Engineering Fluid Dynamics; Energy Technology; Industrial and Production Engineering	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-12823-3
3746	Exploitation of Linkage Learning in Evolutionary Algorithms	Ying-ping Chen	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Applications of Mathematics	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-12833-2
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3748	Differential Evolution in Electromagnetics	Anyong Qing, Ching Kwang Lee	Computational Intelligence; Microwaves, RF and Optical Engineering; Artificial Intelligence (incl. Robotics); Optics and Electrodynamics	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-12868-4
3749	Engineering Physiology	Karl H. E. Kroemer, Hiltrud J. Kroemer, Katrin E. Kroemer-Elbert	Biomedical Engineering; Human Physiology; Structural Mechanics	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-12882-0
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3753	Advances in Neural Network Research and Applications	Zhigang Zeng, Jun Wang	Power Electronics, Electrical Machines and Networks; Computational Intelligence; Artificial Intelligence (incl. Robotics); Control	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-12989-6
3754	XII Mediterranean Conference on Medical and Biological Engineering and Computing 2010	Panagiotis D. Bamidis, Nicolas Pallikarakis	Biomedical Engineering; Biophysics and Biological Physics; Biomaterials; Computational Biology/Bioinformatics	2010	http://link.springer.com/openurl?genre=book&isbn=978-3-642-13038-0
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3931	Debugging at the Electronic System Level	Frank Rogin, Rolf Drechsler	Circuits and Systems; Processor Architectures	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9254-0
3932	Advances in Robot Kinematics: Motion in Man and Machine	Jadran Lenarcic, Michael M. Stanisic	Robotics and Automation; Theoretical and Applied Mechanics; Industrial and Production Engineering; Control, Robotics, Mechatronics; Engineering Design	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9261-8
3933	60-GHz CMOS Phase-Locked Loops	Hammad M. Cheema, Reza Mahmoudi, Arthur H. M. Roermund	Circuits and Systems; Microwaves, RF and Optical Engineering; Solid State Physics	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9279-3
3934	Advances in Design Methods from Modeling Languages for Embedded Systems and SoC's	Dominique Borrione	Circuits and Systems; Programming Languages, Compilers, Interpreters	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9303-5
3935	Linear CMOS RF Power Amplifiers for Wireless Applications	Paulo Augusto Dal Fabbro, Maher Kayal	Microwaves, RF and Optical Engineering; Solid State Physics; Spectroscopy and Microscopy	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9360-8
3936	Emerging Technologies and Circuits	Amara Amara, Thomas Ea, Marc Belleville	Circuits and Systems; Nanotechnology; Memory Structures	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9378-3
3937	Electric Fields in Composite Dielectrics and their Applications	Tadasu Takuma, Boonchai Techaumnat	Power Electronics, Electrical Machines and Networks; Applied and Technical Physics	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9391-2
3938	Low-Power Crystal and MEMS Oscillators	Eric Vittoz	Circuits and Systems; Electronics and Microelectronics, Instrumentation; Microwaves, RF and Optical Engineering	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9394-3
3939	Machine Learning and Systems Engineering	Sio-long Ao, Burghard Rieger, Mahyar A. Amouzegar	Computational Intelligence; Artificial Intelligence (incl. Robotics); Systems and Data Security	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9418-6
3940	Inside NAND Flash Memories	Rino Micheloni, Luca Crippa, Alessia Marelli	Circuits and Systems; Solid State Physics; Spectroscopy and Microscopy	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9430-8
3941	Symmetries and Groups in Signal Processing	Virendra P. Sinha	Signal, Image and Speech Processing; Computer Science, general; Circuits and Systems	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9433-9
3942	Ultra-Low Energy Domain-Specific Instruction-Set Processors	Francky Catthoor, Praveen Raghavan, Andy Lambrechts, Murali Jayapala, Angeliki Kritikakou, Javed Absar	Circuits and Systems; Processor Architectures	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9527-5
3943	Towards a Design Flow for Reversible Logic	Robert Wille, Rolf Drechsler	Circuits and Systems	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9578-7
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3946	New Trends in Mechanism Science	Doina Pisla, Marco Ceccarelli, Manfred Husty, Burkhard Corves	Vibration, Dynamical Systems, Control; Robotics and Automation; Engineering Design	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9688-3
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3948	Structural Synthesis of Parallel Robots	Grigore Gogu	Control, Robotics, Mechatronics	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9830-6
3949	IUTAM Symposium on Recent Advances of Acoustic Waves in Solids	Tsung-Tsong Wu, Chien-Ching Ma	Characterization and Evaluation of Materials; Acoustics; Computational Intelligence; Engineering, general; Theoretical and Applied Mechanics	2010	http://link.springer.com/openurl?genre=book&isbn=978-90-481-9892-4
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3952	IUTAM Symposium on Turbulence in the Atmosphere and Oceans	David Dritschel	Oceanography; Simulation and Modeling; Computational Science and Engineering; Fluid- and Aerodynamics	2010	http://link.springer.com/openurl?genre=book&isbn=978-94-007-0359-9
3953	Microfluidics for Biological Applications	Erin Finehout, Wei-Cheng Tian	Engineering Fluid Dynamics; Biomedical Engineering; Engineering Thermodynamics, Heat and Mass Transfer; Analytical Chemistry	2009	http://link.springer.com/openurl?genre=book&isbn=978-0-387-09479-3
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3957	Autonomous Robots	Farbod Fahimi	Vibration, Dynamical Systems, Control; Control, Robotics, Mechatronics; Mechanical Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-0-387-09537-0
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3959	Digital Terrestrial Broadcasting Networks	Roland Beutler	Signal, Image and Speech Processing; Communications Engineering, Networks; Microwaves, RF and Optical Engineering; R & D/Technology Policy; Electrical Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-0-387-09634-6
3960	Computational Sensor Networks	Thomas Henderson	Communications Engineering, Networks; Computer Communication Networks; Computer Systems Organization and Communication Networks; Signal, Image and Speech Processing; Appl. Mathematics/Computational Methods of Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-0-387-09642-1

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4215	Shock Waves	Klaus Hannemann, Friedrich Seiler	Engineering Thermodynamics, Heat and Mass Transfer; Classical Continuum Physics; Engineering Fluid Dynamics; Fluid- and Aerodynamics; Acoustics; Automotive Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-85180-6
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4222	Intelligent Text Categorization and Clustering	Nadia Nedjah, Luiza Macedo Mourelle, Janusz Kacprzyk, Felipe M. G. França, Alberto Ferreira De Souza	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Computational Linguistics; Document Preparation and Text Processing; Language Translation and Linguistics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-85643-6
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4224	Genetic Engineering in Livestock	Margret Engelhard, Kristin Hagen, Mathias Boysen	Biomedical Engineering; Animal Genetics and Genomics; Ethics; Biotechnology	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-85842-3
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4226	2nd International Workshop on Practical Applications of Computational Biology and Bioinformatics (IWPACBB 2008)	Juan M. Corchado, Juan F. Paz, Miguel P. Rocha, Florentino Fernández Riverola	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Bioinformatics; Computational Biology/Bioinformatics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-85860-7
4227	International Symposium on Distributed Computing and Artificial Intelligence 2008 (DCAI 2008)	Juan M. Corchado, Sara Rodríguez, James Llinas, José M. Molina	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Information Systems and Communication Service	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-85862-1
4228	3rd Symposium of Ubiquitous Computing and Ambient Intelligence 2008	Juan M. Corchado, Dante I. Tapia, José Bravo	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Information Systems and Communication Service	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-85866-9
4229	Structural Complexity Management	Udo Lindemann, Maik Maurer, Thomas Braun	Engineering Design; Statistical Physics, Dynamical Systems and Complexity; Engineering Economics, Organization, Logistics, Marketing; Production/Logistics/Supply Chain Management; Complexity	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-87888-9
4230	Innovative Applications in Data Mining	Nadia Nedjah, Luiza Macedo Mourelle, Janusz Kacprzyk	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-88044-8
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4240	Applications of Soft Computing	Erel Avineri, Mario Köppen, Keshav Dahal, Yos Sunitiyoso, Rajkumar Roy	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Applications of Mathematics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-88078-3
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4306	Evolutionary Multi-objective Optimization in Uncertain Environments	Chi-Keong Goh, Kay Chen Tan	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-95975-5
4307	Intelligent and Evolutionary Systems	Mitsuo Gen, David Green, Osamu Katai, Bob McKay, Akira Namatame, Ruhul A. Sarker, Byoung-Tak Zhang	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-95977-9

4308	The Joint Spectral Radius	Raphaël Jungers	Control, Robotics, Mechatronics; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-95979-3
4309	Hermann Schlichting – 100 Years	Rolf Radespiel, Cord-Christian Rossow, Benjamin Winfried Brinkmann	Aerospace Technology and Astronautics; Engineering Fluid Dynamics; Appl.Mathematics/Computational Methods of Engineering; Numerical and Computational Physics; Fluid- and Aerodynamics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-540-95997-7
4310	Automotive Engines	Alexander A. Stotsky	Automotive Engineering; Control, Robotics, Mechatronics; Energy Technology; Systems Theory, Control; Energy, general	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00163-5
4311	Biologically Inspired Signal Processing for Chemical Sensing	Agustín Gutiérrez, Santiago Marco	Computational Intelligence; Signal,Image and Speech Processing; Computer Applications in Chemistry; Bioinformatics; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00175-8
4312	Intelligent Patient Management	Sally McClean, Peter Millard, Elia El-Darzi, Chris Nugent	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Health Informatics; Biomedical Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00178-9
4313	Music-Inspired Harmony Search Algorithm	Zong Woo Geem	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Music; Acoustics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00184-0
4314	Soft Computing for Data Mining Applications	K. R. Venugopal, K. G. Srinivasa, L. M. Patnaik	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00192-5
4315	Experimental Robotics	Oussama Khatib, Vijay Kumar, George J. Pappas	Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics); Machinery and Machine Elements; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00195-6
4316	Turbulence and Interactions	Michel Deville, Thien-Hiep Lê, Pierre Sagaut	Engineering Fluid Dynamics; Complexity; Fluid- and Aerodynamics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00261-8
4317	Intelligent Unmanned Systems: Theory and Applications	Agus Budiyo, Bambang Riyanto, Endra Joeliyanto	Appl.Mathematics/Computational Methods of Engineering; Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00263-2
4318	Nature-Inspired Algorithms for Optimisation	Raymond Chiong	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Operation Research/Decision Theory	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00266-3
4319	Informatics in Control, Automation and Robotics	Juan Andrade Cetto, Jean-Louis Ferrier, Joaquim Filipe	Signal,Image and Speech Processing; Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics); Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00270-0
4320	Elastoplasticity Theory	Koichi Hashiguchi	Continuum Mechanics and Mechanics of Materials; Mechanics; Computational Intelligence	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00272-4
4321	Vibro-Impact Dynamics	Raouf A. Ibrahim	Vibration, Dynamical Systems, Control; Mechanics; Computational Science and Engineering; Computational Intelligence	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00274-8
4322	Quasi-Gas Dynamic Equations	Tatiana G. Elizarova	Engineering Fluid Dynamics; Fluid- and Aerodynamics; Computational Science and Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00291-5
4323	Charge Injection Systems	John Shrimpton	Engineering Fluid Dynamics; Engineering Thermodynamics, Heat and Mass Transfer; Industrial Chemistry/Chemical Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00293-9

4324	Noise Reduction in Speech Processing	Israel Cohen, Yiteng Huang, Jingdong Chen, Jacob Benesty	Signal, Image and Speech Processing; Acoustics; User Interfaces and Human Computer Interaction	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00295-3
4325	Foundations in Grammatical Evolution for Dynamic Environments	Ian Dempsey, Michael O'Neill, Anthony Brabazon	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Economics general	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00313-4
4326	Advanced Finite Element Method in Structural Engineering	Yu-Qiu Long, Zhi-Fei Long, Song Cen	Mechanical Engineering; Structural Mechanics; Computational Intelligence	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00315-8
4327	Iterative-Interpolation Super-Resolution Image Reconstruction	Vivek Bannore	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Image Processing and Computer Vision; Neuropsychology	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00384-4
4328	Axiomatic Fuzzy Set Theory and Its Applications	Xiaodong Liu, Witold Pedrycz	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00401-8
4329	Soft Computing Based Modeling in Intelligent Systems	Valentina Emilia Balas, János Fodor, Annamária R. Várkonyi-Kóczy	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00447-6
4330	Tuning Metaheuristics	Mauro Birattari	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00482-7
4331	7th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS 2009)	Yves Demazeau, Juan Pavón, Juan M. Corchado, Javier Bajo	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00486-5
4332	Magnetic Bearings	Eric H. Maslen, Gerhard Schweitzer	Machinery and Machine Elements; Vibration, Dynamical Systems, Control; Control, Robotics, Mechatronics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00496-4
4333	Bioengineering Research of Chronic Wounds	Amit Gefen	Continuum Mechanics and Mechanics of Materials; Molecular Medicine; Medical Biochemistry; Computer Appl. in Life Sciences	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00533-6
4334	Man-Machine Interactions	Krzysztof A. Cyran, Stanisław Kozielski, James F. Peters, Urszula Stańczyk, Alicja Wakulicz-Deja	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Applications of Mathematics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00562-6
4335	Recent Advances in Sensing Technology	Subhas Chandra Mukhopadhyay, Gourab Sen Gupta, Ray Yueh-Min Huang	Electronics and Microelectronics, Instrumentation; Electrical Engineering; Information Systems and Communication Service; Artificial Intelligence (incl. Robotics); Control, Robotics, Mechatronics; Industrial Chemistry/Chemical Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00577-0
4336	Wavelets from Math to Practice	Desanka P. Radunović	Signal, Image and Speech Processing; Computational Science and Engineering; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Math Applications in Computer Science; Appl. Mathematics/Computational Methods of Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00613-5
4337	Constraint-Handling in Evolutionary Optimization	Efrén Mezura-Montes	Appl. Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00618-0
4338	Vibro-Impact Dynamics of Ocean Systems and Related Problems	Raouf A. Ibrahim, Vladimir I. Babitsky, Masaaki Okuma	Vibration, Dynamical Systems, Control; Mechanics; Oceanography; Computational Science and Engineering; Computational Intelligence	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00628-9

4339	Distributed Autonomous Robotic Systems 8	Hajime Asama, Haruhisa Kurokawa, Jun Ota, Kosuke Sekiyama	Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics); Machinery and Machine Elements; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-00643-2
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4346	Foundations of Computational, Intelligence Volume 1	Aboul-Ella Hassanien, Ajith Abraham, Athanasios V. Vasilakos, Witold Pedrycz	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01081-1
4347	Foundations of Computational Intelligence Volume 3	Ajith Abraham, Aboul-Ella Hassanien, Patrick Siarry, Andries Engelbrecht	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01084-2
4348	Foundations of Computational Intelligence Volume 4	Ajith Abraham, Aboul-Ella Hassanien, André Ponce de Leon F. Carvalho	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01087-3
4349	Foundations of Computational, IntelligenceVolume 6	Ajith Abraham, Aboul-Ella Hassanien, André Ponce Leon F. de Carvalho, Václav Snášel	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01090-3
4350	Nonlinear Model Predictive Control	Lalo Magni, Davide Martino Raimondo, Frank Allgöwer	Control, Robotics, Mechatronics; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01093-4
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4352	Numerics of Unilateral Contacts and Friction	Christian Studer	Vibration, Dynamical Systems, Control; Mechanics; Structural Mechanics; Applications of Mathematics; Appl.Mathematics/Computational Methods of Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01099-6
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4358	Computer and Information Science 2009	Roger Lee, Gongzu Hu, Huaikou Miao	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01208-2
4359	Advances in Robotics Research	Torsten Kröger, Friedrich M. Wahl	Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics); Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01212-9
4360	The Sixth International Symposium on Neural Networks (ISNN 2009)	Hongwei Wang, Yi Shen, Tingwen Huang, Zhigang Zeng	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-01215-0
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4396	Advances in Data Management	Zbigniew W. Ras, Agnieszka Dardzinska	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02189-3
4397	Biomedical Data and Applications	Amandeep S. Sidhu, Tharam S. Dillon	Appl.Mathematics/Computational Methods of Engineering; Biomedical Engineering; Biomedicine general; Artificial Intelligence (incl. Robotics); Bioinformatics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02192-3
4398	Methods and Supporting Technologies for Data Analysis	Danuta Zakrzewska, Ernestina Menasalvas, Liliana Byczkowska-Lipinska	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02195-4

4399	Information Hiding and Applications	Jeng-Shyang Pan, Hsiang-Cheh Huang, Lakhmi C. Jain	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02334-7
4400	Ingeniería Acústica	Michael Möser, José Luis Barros	Engineering, general; Acoustics; Building Construction; Noise Control; Signal,Image and Speech Processing	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02543-3
4401	Introduction to Modern Traffic Flow Theory and Control	Boris S. Kerner	Automotive Engineering; Statistical Physics, Dynamical Systems and Complexity; Operation Research/Decision Theory; Regional/Spatial Science	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02604-1
4402	Advances in Transport Phenomena	Liqiu Wang	Engineering Thermodynamics, Heat and Mass Transfer; Thermodynamics; Industrial Chemistry/Chemical Engineering; Mathematical Modeling and Industrial Mathematics; Engineering Fluid Dynamics; Classical Continuum Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02689-8
4403	Cognitive Techniques in Visual Data Interpretation	Lidia Ogiela, Marek R. Ogiela	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Computer Imaging, Vision, Pattern Recognition and Graphics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02692-8
4404	Analysis and Synthesis of Dynamical Systems with Time-Delays	Yuanqing Xia, Mengyin Fu, Peng Shi	Control, Robotics, Mechatronics; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02695-9
4405	Web Personalization in Intelligent Environments	Giovanna Castellano, Lakhmi C. Jain, Anna Maria Fanelli	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02793-2
4406	Computational Intelligence in Flow Shop and Job Shop Scheduling	Uday K. Chakraborty	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02835-9
4407	Positive Systems	Rafael Bru, Sergio Romero-Vivó	Vibration, Dynamical Systems, Control; Complexity; Statistical Physics, Dynamical Systems and Complexity; Control, Robotics, Mechatronics; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02893-9
4408	Topics in Time Delay Systems	Jean Jacques Loiseau, Wim Michiels, Silviu-Iulian Niculescu, Rifat Sipahi	Control, Robotics, Mechatronics; Systems Theory, Control; Complexity	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02896-0
4409	Recent Advances in Multimedia Signal Processing and Communications	Mislav Grgic, Kresimir Delac, Mohammed Ghanbari	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Communications Engineering, Networks; Signal,Image and Speech Processing; Information Systems and Communication Service	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02899-1
4410	New Directions in Intelligent Interactive Multimedia Systems and Services - 2	Ernesto Damiani, Jechang Jeong, Robert J. Howlett, Lakhmi C. Jain	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Multimedia Information Systems	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02936-3
4411	Heat Convection	Latif M. Jiji	Engineering Thermodynamics, Heat and Mass Transfer; Engineering Fluid Dynamics; Automotive Engineering; Thermodynamics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-02970-7
4412	Fringe 2009	Wolfgang Osten, Malgorzata Kujawska	Quality Control, Reliability, Safety and Risk; Optics, Optoelectronics, Plasmonics and Optical Devices; Signal,Image and Speech Processing; Image Processing and Computer Vision	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03050-5

4413	Advances in Computational Intelligence	Wen Yu, Edgar N. Sanchez	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03155-7
4414	Innovations in Digital Watermarking Techniques	Feng-Hsing Wang, Jeng-Shyang Pan, Lakhmi C. Jain	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Data Structures, Cryptology and Information Theory	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03186-1
4415	Advances in Agent-Based Complex Automated Negotiations	Takayuki Ito, Minjie Zhang, Valentin Robu, Shaheen Fatima, Tokuro Matsuo	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03189-2
4416	Control Configuration Selection for Multivariable Plants	Ali Khaki-Sedigh, Bijan Moaveni	Control, Robotics, Mechatronics; Systems Theory, Control; Industrial and Production Engineering; Mechanical Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03192-2
4417	Modeling and Control of Complex Physical Systems	Vincent Duindam, Alessandro Macchelli, Stefano Stramigioli, Herman Bruyninckx	Control, Robotics, Mechatronics; Statistical Physics, Dynamical Systems and Complexity; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03195-3
4418	Human-Computer Systems Interaction	Zdzisław S. Hippe, Juliusz L. Kulikowski	Appl.Mathematics/Computational Methods of Engineering; User Interfaces and Human Computer Interaction; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03201-1
4419	Cognition-Driven Decision Support for Business Intelligence	Li Niu, Jie Lu, Guangquan Zhang	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Business Information Systems; Operation Research/Decision Theory	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03207-3
4420	Nature Inspired Cooperative Strategies for Optimization (NICSO 2008)	Natalio Krasnogor, María Belén Melián-Batista, José Andrés Moreno Pérez, J. Marcos Moreno-Vega, David Alejandro Pelta	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03210-3
4421	Intelligent Distributed Computing III	George Angelos Papadopoulos, Costin Badica	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Applications of Mathematics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03213-4
4422	Algebraically Approximate and Noisy Realization of Discrete-Time Systems and Digital Images	Yasumichi Hasegawa	Signal, Image and Speech Processing; Complexity; Control, Robotics, Mechatronics; Image Processing and Computer Vision	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03216-5
4423	Electromagnetic Compatibility for Device Design and System Integration	Karl-Heinz Gonschorek, Ralf Vick	Electronics and Microelectronics, Instrumentation; Microwaves, RF and Optical Engineering; Control, Robotics, Mechatronics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03289-9
4424	Acoustics for Engineers	Jens Blauert, Ning Xiang	Engineering Acoustics; Acoustics; Communications Engineering, Networks	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03392-6
4425	Sliding Mode Control Using Novel Sliding Surfaces	Bijnan Bandyopadhyay, Fulwani Deepak, Kyung-Soo Kim	Control, Robotics, Mechatronics; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03447-3
4426	Harmony Search Algorithms for Structural Design Optimization	Zong Woo Geem	Computational Intelligence; Artificial Intelligence (incl. Robotics); Civil Engineering; Engineering Design	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03449-7
4427	Intelligent Computer Graphics 2009	Dimitri Plemenos, Georgios Miaoulis	Computational Intelligence; Artificial Intelligence (incl. Robotics); Computer Graphics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03451-0

4428	Sustainability in Energy and Buildings	Robert J. Howlett, Lakhmi C. Jain, Shaun H. Lee	Renewable and Green Energy; Sustainable Development; Civil Engineering; Engineering Thermodynamics, Heat and Mass Transfer; Monitoring/Environmental Analysis	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03453-4
4429	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03472-5
4430	Mechanics of Natural Solids	Dimitrios Kolymbas, Gioacchino Viggiani	Geoengineering, Foundations, Hydraulics; Soft and Granular Matter, Complex Fluids and Microfluidics; Continuum Mechanics and Mechanics of Materials	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03577-7
4431	Swarm Intelligence for Multi-objective Problems in Data Mining	Carlos Artemio Coello Coello, Satchidananda Dehuri, Susmita Ghosh	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03624-8
4432	Emergent Problems in Nonlinear Systems and Control	Bijoy K. Ghosh, Clyde F. Martin, Yishao Zhou	Control, Robotics, Mechatronics; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03626-2
4433	Mars	Viorel Badescu	Energy Technology; Extraterrestrial Physics, Space Sciences; Aerospace Technology and Astronautics; Astronomy, Observations and Techniques	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03628-6
4434	Abductive Cognition	Lorenzo Magnani	Computational Intelligence; Statistical Physics, Dynamical Systems and Complexity; Philosophy of Mind; Artificial Intelligence (incl. Robotics); Complexity	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03630-9
4435	Aspects of Soft Computing, Intelligent Robotics and Control	János Fodor, Janusz Kacprzyk	Computational Intelligence; Artificial Intelligence (incl. Robotics); Control, Robotics, Mechatronics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03632-3
4436	Fuzzy Information and Engineering Volume 2	Bingyuan Cao, Tai-Fu Li, Cheng-Yi Zhang	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Applications of Mathematics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03663-7
4437	Towards Intelligent Engineering and Information Technology	Imre J. Rudas, János Fodor, Janusz Kacprzyk	Computational Intelligence; Artificial Intelligence (incl. Robotics); Engineering, general	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03736-8
4438	Digital Processing and Reconstruction of Complex AC Signals	Predrag Petrović, Milorad Stevanović	Signal, Image and Speech Processing; Numeric Computing; Information and Communication, Circuits	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03842-6
4439	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03878-5
4440	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03884-6
4441	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03888-4
4442	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03890-7
4443	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03892-1

4444	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03901-0
4445	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03903-4
4446	World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany	Olaf Dössel, Wolfgang C. Schlegel	Biomedical Engineering; Biophysics and Biological Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03905-8
4447	New Challenges in Computational Collective Intelligence	Ngoc Thanh Nguyen, Radosław Piotr Katarzyniak, Adam Janiak	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03957-7
4448	The DARPA Urban Challenge	Martin Buehler, Karl Iagnemma, Sanjiv Singh	Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics); Machinery and Machine Elements; Systems Theory, Control	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03990-4
4449	Applications of Supervised and Unsupervised Ensemble Methods	Oleg Okun, Giorgio Valentini	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-03998-0
4450	Intelligent Collaborative e-Learning Systems and Applications	Thanasis Daradoumis, Santi Caballé, Joan Manuel Marquès, Fatos Xhafa	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Computers and Education; e-Commerce/e-business	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04000-9
4451	Innovations in Neural Information Paradigms and Applications	Monica Bianchini, Marco Maggini, Franco Scarselli, Lakhmi C. Jain	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04002-3
4452	Non-Standard Parameter Adaptation for Exploratory Data Analysis	Wesam Ashour Barbakh, Ying Wu, Colin Fyfe	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04004-7
4453	Natural Intelligence for Scheduling, Planning and Packing Problems	Raymond Chiong, Sandeep Dhakal	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Production/Logistics/Supply Chain Management; Operation Research/Decision Theory	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04038-2
4454	Computational Intelligence in Security for Information Systems	Álvaro Herrero, Paolo Gastaldo, Rodolfo Zunino, Emilio Corchado	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04090-0
4455	MEGADESIGN and MegaOpt - German Initiatives for Aerodynamic Simulation and Optimization in Aircraft Design	Norbert Kroll, Dieter Schwamborn, Klaus Becker, Herbert Rieger, Frank Thiele	Aerospace Technology and Astronautics; Engineering Fluid Dynamics; Appl.Mathematics/Computational Methods of Engineering; Engineering Design	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04092-4
4456	Advances in Information and Intelligent Systems	Zbigniew W. Ras, William Ribarsky	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04140-2
4457	Intelligent Systems for Knowledge Management	Ngoc Thanh Nguyen, Edward Szczerbicki	Appl.Mathematics/Computational Methods of Engineering; Database Management; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04169-3
4458	Innovations in Swarm Intelligence	Chee Peng Lim, Lakhmi C. Jain, Satchidananda Dehuri	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04224-9
4459	Recent Advances in Nonlinear Dynamics and Synchronization	Kyandoghere Kyamakya, Wolfgang A. Halang, Herwig Unger, Jean Chamberlain Chedjou, Nikolai F. Rulkov, Zhong Li	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04226-3

4460	Visual Perception for Manipulation and Imitation in Humanoid Robots	Pedram Azad	Control, Robotics, Mechatronics; Computational Intelligence; Computer Imaging, Vision, Pattern Recognition and Graphics; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04228-7
4461	International Conference on Advancements of Medicine and Health Care through Technology	Simona Vlad, Radu V. Ciupa, Anca I. Nicu	Biomedical Engineering; Biomaterials; Continuum Mechanics and Mechanics of Materials	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04291-1
4462	Logic Synthesis for FSM-Based Control Units	Alexander Barkalov, Larysa Titarenko	Electronics and Microelectronics, Instrumentation; Control Structures and Microprogramming; Circuits and Systems; Logic Design; Applications of Mathematics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04308-6
4463	Proceedings of the 18th International Meshing Roundtable	Brett W. Clark	Computational Intelligence; Applications of Mathematics; Simulation and Modeling; Theoretical and Applied Mechanics; Computer Imaging, Vision, Pattern Recognition and Graphics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04318-5
4464	Computers in Medical Activity	Edward Kącki, Marek Rudnicki, Joanna Stempczyńska	Computational Intelligence; Artificial Intelligence (incl. Robotics); Biomedical Engineering; Medicine/Public Health, general	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04461-8
4465	Constructive Neural Networks	Leonardo Franco, David A. Elizondo, José M. Jerez	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04511-0
4466	Evolutionary Design of Intelligent Systems in Modeling, Simulation and Control	Oscar Castillo, Witold Pedrycz, Janusz Kacprzyk	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04513-4
4467	Bio-inspired Hybrid Intelligent Systems for Image Analysis and Pattern Recognition	Patricia Melin, Janusz Kacprzyk, Witold Pedrycz	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Signal, Image and Speech Processing; Computer Imaging, Vision, Pattern Recognition and Graphics	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04515-8
4468	Intelligent and Soft Computing in Infrastructure Systems Engineering	Kasthurirangan Gopalakrishnan, Halil Ceylan, Nii O. Attoh-Okine	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Engineering Economics, Organization, Logistics, Marketing	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-04585-1
4469	Vortex Rings	D. G. Akhmetov	Engineering Fluid Dynamics; Fluid- and Aerodynamics; Vibration, Dynamical Systems, Control; Statistical Physics, Dynamical Systems and Complexity	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05015-2
4470	Internet – Technical Development and Applications	Ewaryst Tkacz, Adrian Kapczynski	Appl.Mathematics/Computational Methods of Engineering; Information Systems Applications (incl.Internet); Artificial Intelligence (incl. Robotics); Communications Engineering, Networks	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05018-3
4471	Software Engineering Research, Management and Applications 2009	Roger Lee, Naohiro Ishii	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Software Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05440-2
4472	Human Centered Robot Systems	Helge Ritter, Gerhard Sagerer, Rüdiger Dillmann, Martin Buss	Robotics and Automation; Computational Intelligence; Cognitive Psychology; Philosophy of Mind; Artificial Intelligence (incl. Robotics)	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-642-10402-2
4473	Autonomous Land Vehicles	Karsten Berns, Ewald Puttkamer	Appl.Mathematics/Computational Methods of Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-8348-0421-1

4474	Technology Acceptance of Connected Services in the Automotive Industry	Clemens Hiraoka	Automotive Engineering	2009	http://link.springer.com/openurl?genre=book&isbn=978-3-8349-1870-3
4475	Esercizi di Idraulica e di Meccanica dei Fluidi	Sandro Longo, Maria Giovanna Tanda	Engineering, general; Engineering Fluid Dynamics; Geoengineering, Foundations, Hydraulics	2009	http://link.springer.com/openurl?genre=book&isbn=978-88-470-1347-6
4476	Analisi dei sistemi dinamici	Alessandro Giua, Carla Seatzu	Electrical Engineering; Engineering, general	2009	http://link.springer.com/openurl?genre=book&isbn=978-88-470-1483-1
4477	Liquid Crystal Display Drivers	David J.R. Cristaldi, Salvatore Pennisi, Francesco Pulvirenti	Circuits and Systems; Optical and Electronic Materials; Solid State Physics	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2254-7
4478	Advances in Electrical Engineering and Computational Science	Sio-long Ao, Len Gelman	Electronics and Microelectronics, Instrumentation; Computer Communication Networks	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2310-0
4479	Test Pattern Generation using Boolean Proof Engines	Rolf Drechsler, Stephan Eggersglüß, Görschwin Fey, Daniel Tille	Circuits and Systems; Electronics and Microelectronics, Instrumentation	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2359-9
4480	Energy Resources and Systems	Tushar K. Ghosh, Mark A. Prelas	Energy Economics	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2382-7
4481	Damage Assessment and Reconstruction after War or Natural Disaster	Adnan Ibrahimbegovic, Muhamed Zlatar	Civil Engineering; Waste Management/Waste Technology; Building Repair and Maintenance; Building Construction; Soil Science & Conservation	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2384-1
4482	Earthquakes and Tsunamis	A. Tugrul Tankut	Civil Engineering; Geoengineering, Foundations, Hydraulics	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2398-8
4483	1V CMOS Gm-C Filters	Tien-Yu Lo, Chung-Chih Hung	Circuits and Systems	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2409-1
4484	Inductive Powering	Koenraad Schuylenbergh, Robert Puers	Circuits and Systems; Electrical Engineering; Engineering Design	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2411-4
4485	Dynamic System Reconfiguration in Heterogeneous Platforms	Nikolaos S. Voros, Alberto Rosti, Michael Hübner	Circuits and Systems; Special Purpose and Application-Based Systems	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2426-8
4486	Convection in Fluids	R. Kh. Zeytounian	Engineering Fluid Dynamics; Engineering Thermodynamics, Heat and Mass Transfer; Mathematical Modeling and Industrial Mathematics; Applications of Mathematics	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2432-9
4487	Theory of Adaptive Fiber Composites	T. H. Brockmann	Ceramics, Glass, Composites, Natural Materials; Continuum Mechanics and Mechanics of Materials; Vibration, Dynamical Systems, Control; Computational Intelligence; Mechanics	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2434-3
4488	Ultra-Wideband Pulse-based Radio	Wim Vereecken, Michiel Steyaert	Circuits and Systems	2009	http://link.springer.com/openurl?genre=book&isbn=978-90-481-2449-7
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5903	Perpendicular Magnetic Recording	Sakhrat Khizroev, Dmitri Litvinov	Electrical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-2662-1
5904	Global Mobile Satellite Communications	Stojce Dimov Ilcev	Automotive Engineering; Electrical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-7767-8
5905	Model and Design of Bipolar and MOS Current-Mode Logic	Massimo Alioto, Gaetano Palumbo	Electrical Engineering; Engineering Design; Electronics and Microelectronics, Instrumentation	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-2878-6
5906	Design of Advanced Manufacturing Systems	Andrea Matta, Quirico Semeraro	Manufacturing, Machines, Tools; Construction Management; Appl.Mathematics/Computational Methods of Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-2930-1
5907	Product Engineering	Doru Talabă, Thomas Roche	Engineering Design; Renewable and Green Energy	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-2932-5
5908	Theory of Thermomechanical Processes in Welding	Andrzej Służalec	Engineering, general; Metallic Materials; Characterization and Evaluation of Materials; Mechanical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-90-481-6762-3
5909	Science and Technology of Semiconductor-On-Insulator Structures and Devices Operating in a Harsh Environment	Denis Flandre, Alexei N. Nazarov, Peter L.F. Hemment	Electronics and Microelectronics, Instrumentation; Automotive Engineering; Electrical Engineering; Microwaves, RF and Optical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3011-6
5910	Sustainable Energy Consumption and Society	David L. Goldblatt	Renewable and Green Energy; Environment, general; Climate Change; Monitoring/Environmental Analysis; Sociology, general	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3086-4
5911	Plate and Panel Structures of Isotropic, Composite and Piezoelectric Materials, Including Sandwich Construction	Jack R. Vinson	Engineering, general; Continuum Mechanics and Mechanics of Materials; Structural Mechanics; Mechanical Engineering; Automotive Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3110-6
5912	New Algorithms, Architectures and Applications for Reconfigurable Computing	Patrick Lysaght, Wolfgang Rosenstiel	Electrical Engineering; Electronics and Microelectronics, Instrumentation; Engineering Design; Logic Design; Computer-Aided Engineering (CAD, CAE) and Design; Special Purpose and Application-Based Systems	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3127-4
5913	Designing and Evaluating Value Added Services in Manufacturing E-Market Places	G. Perrone, M. Bruccoleri, P. Renna	Engineering Economics, Organization, Logistics, Marketing; Facility Management	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3151-9
5914	Fracture Mechanics	E.E. Gdoutos	Mechanical Engineering; Theoretical and Applied Mechanics; Mechanics	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-2863-2
5915	Computer Engineering in Applied Electromagnetism	S. Wiak, A. Krawczyk, M. Trlep	Electrical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3168-7
5916	Systematic Modeling and Analysis of Telecom Frontends and Their Building Blocks	Piet Vanassche, Georges Gielen, Willy Sansen	Electrical Engineering; Electronics and Microelectronics, Instrumentation; Engineering Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3173-1
5917	Wideband Low Noise Amplifiers Exploiting Thermal Noise Cancellation	Federico Bruccoleri, Eric A.M. Klumperink, Bram Nauta	Electrical Engineering; Electronics and Microelectronics, Instrumentation; Engineering Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3187-8
5918	LNA-ESD Co-Design for Fully Integrated CMOS Wireless Receivers	Paul Leroux, Michiel Steyaert	Electrical Engineering; Engineering Design; Electronics and Microelectronics, Instrumentation	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3190-8

5919	Digital Synthesizers and Transmitters for Software Radio	Jouko Vankka	Electrical Engineering; Circuits and Systems; Signal, Image and Speech Processing; Microwaves, RF and Optical Engineering; Electronics and Microelectronics, Instrumentation	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3194-6
5920	Design of Wireless Autonomous Datalogger IC's	Wim Claes, Willy Sansen, Robert Puers	Circuits and Systems; Engineering, general; Electrical Engineering; Electronics and Microelectronics, Instrumentation	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3208-0
5921	IUTAM Symposium on Chaotic Dynamics and Control of Systems and Processes in Mechanics	G. Rega, F. Vestroni	Vibration, Dynamical Systems, Control; Theoretical and Applied Mechanics; Structural Mechanics; Mechanical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3267-7
5922	Environmentally Friendly Coastal Protection	Claus Zimmermann, Robert G. Dean, Valeri Penchev, Henk Jan Verhagen	Civil Engineering; Environment, general	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3299-8
5923	Textile Composites and Inflatable Structures	Eugenio Oñate, Bern Kröplin	Structural Mechanics; Computational Science and Engineering; Computational Intelligence; Building Construction	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3316-2
5924	Microscale Heat Transfer Fundamentals and Applications	S. Kakaç, L.L. Vasiliev, Y. Bayazitoglu, Y. Yener	Industrial Chemistry/Chemical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3359-9
5925	Multi-Robot Systems. From Swarms to Intelligent Automata Volume III	Lynne E. Parker, Frank E. Schneider, Alan C. Schultz	Artificial Intelligence (incl. Robotics); Engineering, general; Complexity	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3388-9
5926	Advances in Computational Multibody Systems	Jorge A.C. Ambrósio	Computational Intelligence; Mechanical Engineering; Engineering Design; Facility Management	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3392-6
5927	Fundamentals of Space Medicine	Gilles Clément	Astronomy, Astrophysics and Cosmology; Automotive Engineering; Medicine/Public Health, general; Life Sciences, general; Social Sciences, general	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3246-2
5928	Dynamic and Robust Streaming in and between Connected Consumer-Electronic Devices	Peter Stok	Communications Engineering, Networks; Computer Systems Organization and Communication Networks; Electrical Engineering; Circuits and Systems	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3453-4
5929	An Introduction to Meshfree Methods and Their Programming	G.R. Liu, Y.T. Gu	Appl. Mathematics/Computational Methods of Engineering; Mathematics of Computing; Computer-Aided Engineering (CAD, CAE) and Design; Computational Mathematics and Numerical Analysis; Continuum Mechanics and Mechanics of Materials; Structural Mechanics	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3228-8
5930	Advances in Integrated Design and Manufacturing in Mechanical Engineering	Alan Bramley, Daniel Brissaud, Daniel Coutellier, Chris McMahon	Engineering Design; Mechanical Engineering; Artificial Intelligence (incl. Robotics); Industrial and Production Engineering; Manufacturing, Machines, Tools	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3481-7
5931	Mechanics of the 21st Century	Witold Gutkowski, Tomasz A. Kowalewski	Mechanical Engineering; Classical Continuum Physics; Appl. Mathematics/Computational Methods of Engineering; Theoretical and Applied Mechanics	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3456-5
5932	Sensing Issues in Civil Structural Health Monitoring	Farhad Ansari	Civil Engineering; Vibration, Dynamical Systems, Control; Building Materials; Building Repair and Maintenance	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3660-6
5933	Turbo Code Applications	Keattisak Sripimanwat	Communications Engineering, Networks; Coding and Information Theory; Signal, Image and Speech Processing; Circuits and Systems; Electrical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3686-6

5934	Integrated Risk and Vulnerability Management Assisted by Decision Support Systems	Adrian V. Gheorghe	Complexity; Information Systems Applications (incl.Internet); Math. Appl. in Environmental Science; Social Sciences, general; Engineering Economics, Organization, Logistics, Marketing; Quality Control, Reliability, Safety and Risk	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3451-0
5935	IUTAM Symposium on Impact Biomechanics: From Fundamental Insights to Applications	M. D. Gilchrist	Theoretical and Applied Mechanics; Traumatic Surgery; Continuum Mechanics and Mechanics of Materials; Mechanical Engineering; Biomedical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3795-5
5936	Sandwich Structures 7: Advancing with Sandwich Structures and Materials	O.T. Thomsen, E. Bozhevolnaya, A. Lyckegaard	Engineering, general; Computational Intelligence; Theoretical and Applied Mechanics; Continuum Mechanics and Mechanics of Materials; Machinery and Machine Elements	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3444-2
5937	IUTAM Symposium on Physicochemical and Electromechanical Interactions in Porous Media	G. M. L. Gladwell, J.M. Huyghe, Peter A.C. Raats, Stephen C. Cowin	Electrochemistry; Geoengineering, Foundations, Hydraulics	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-3864-8
5938	Computer Aided Engineering Design	Anupam Saxena, Birendra Sahay	Engineering Design; Appl.Mathematics/Computational Methods of Engineering; Mechanical Engineering; Automotive Engineering; Civil Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-2555-6
5939	IUTAM Symposium on Laminar-Turbulent Transition and Finite Amplitude Solutions	Tom Mullin, Rich Kerswell	Engineering Fluid Dynamics; Mathematical Methods in Physics; Fluid- and Aerodynamics	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-4048-1
5940	IUTAM Symposium on Vibration Control of Nonlinear Mechanisms and Structures	H. Ulbrich, W. Günthner	Vibration, Dynamical Systems, Control; Structural Mechanics	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-4160-0
5941	An Introduction to Differential Geometry with Applications to Elasticity	Philippe G. Ciarlet	Appl.Mathematics/Computational Methods of Engineering; Mechanics; Partial Differential Equations; Differential Geometry	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-4247-8
5942	Interconnect-Centric Design for Advanced SoC and NoC	Jari Nurmi, Hannu Tenhunen, Jouni Isoaho, Axel Jantsch	Circuits and Systems; Electrical Engineering; Software Engineering/Programming and Operating Systems; Computer-Aided Engineering (CAD, CAE) and Design; Systems Theory, Control	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-7835-4
5943	Digital Design and Implementation with Field Programmable Devices	Zainalabedin Navabi	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-8011-1
5944	Assertion-Based Design	Harry Foster, Adam Krolnik, David Lacey	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-8027-2
5945	Direct Transistor-level Layout for Digital Blocks	Prakash Gopalakrishnan, Rob A. Rutenbar	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-7665-7
5946	Clock Generators for SOC Processors	Amr M. Fahim	Circuits and Systems; Electrical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-8079-1
5947	Coding for Wireless Channels	Ezio Biglieri	Communications Engineering, Networks; Coding and Information Theory; Signal,Image and Speech Processing; Electrical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-8083-8
5948	SystemC Kernel Extensions for Heterogeneous System Modeling	Hiren D. Patel, Sandeep K. Shukla	Circuits and Systems; Electrical Engineering; Computer Hardware; Computer-Aided Engineering (CAD, CAE) and Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-8087-6

5949	Receding Horizon Control	Wook Hyun Kwon, Soohee Han	Electrical Engineering; Systems Theory, Control; Industrial Chemistry/Chemical Engineering; Mechanical Engineering; Industrial and Production Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-84628-024-5
5950	Digital Self-tuning Controllers	Vladimír Bobál, Josef Böhm, Jaromír Fessler, Jiří Macháček	Electrical Engineering; Systems Theory, Control; Industrial Chemistry/Chemical Engineering; Industrial and Production Engineering; Mechanical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-980-7
5951	Fractals in Engineering	Jacques Lévy-Véhel, Evelyne Lutton	Computational Intelligence; Analysis; Signal, Image and Speech Processing; Image Processing and Computer Vision; Industrial Chemistry/Chemical Engineering; Communications Engineering, Networks	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-84628-047-4
5952	Randomized Algorithms for Analysis and Control of Uncertain Systems	Roberto Tempo, Fabrizio Dabbene, Giuseppe Calafiore	Algorithm Analysis and Problem Complexity; Systems Theory, Control; Communications Engineering, Networks; Algorithms; Electrical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-524-3
5953	Design process improvement	John Clarkson, Claudia Eckert	Engineering Design; Management/Business for Professionals; Manufacturing, Machines, Tools; User Interfaces and Human Computer Interaction	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-701-8
5954	Constrained Control and Estimation	Graham C. Goodwin, José A. Doná, María M. Seron	Systems Theory, Control; Appl.Mathematics/Computational Methods of Engineering; Control Structures and Microprogramming; Optimization; Industrial Chemistry/Chemical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-548-9
5955	Product Lifecycle Management	John Stark	Industrial and Production Engineering; Operation Research/Decision Theory; Engineering Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-810-7
5956	Multibody Mechanics and Visualization	Harry J. Dankowicz	Appl.Mathematics/Computational Methods of Engineering; Simulation and Modeling; Computer Imaging, Vision, Pattern Recognition and Graphics; Applications of Mathematics; Mechanics; Mechanical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-799-5
5957	Fuzzy Control of Queuing Systems	Runtong Zhang, Yannis A. Phillis, Vassilis S. Kouikoglou	Communications Engineering, Networks; Information Systems Applications (incl.Internet); Artificial Intelligence (incl. Robotics); Computer Communication Networks; Engineering Economics, Organization, Logistics, Marketing	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-824-4
5958	Environmentally-Friendly Product Development	Eberhard Abele, Reiner Anderl, Herbert Birkhofer	Industrial and Production Engineering; Engineering Design; Industrial Design; Waste Management/Waste Technology	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-903-6
5959	Fuzzy Logic, Identification and Predictive Control	Jairo Espinosa, Joos Vandewalle, Vincent Wertz	Information Storage and Retrieval; Complexity; Artificial Intelligence (incl. Robotics)	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-828-2
5960	Robust Control Design with MATLAB®	Da-Wei Gu, Petko Hristov Petkov, Mihail Mihaylov Konstantinov	Computer-Aided Engineering (CAD, CAE) and Design; Systems Theory, Control; Electrical Engineering; Industrial and Production Engineering; Industrial Chemistry/Chemical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-983-8
5961	Optimal Real-time Control of Sewer Networks	Magdalene Marinaki, Markos Papageorgiou	Waste Management/Waste Technology; Civil Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-894-7

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5964	Principles of Adaptive Filters and Self-learning Systems	Anthony Zaknich	Signal, Image and Speech Processing; Artificial Intelligence (incl. Robotics); Electrical Engineering; Mechanical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-984-5
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5968	Design Performance	Francis J. O'Donnell, Alexander H.B. Duffy	Engineering Design; Manufacturing, Machines, Tools; Quality Control, Reliability, Safety and Risk; Industrial Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-889-3
5969	PID Control	J. Crowe, K.K. Tan, T.H. Lee, R. Ferdous, M.R. Katebi, H.-P. Huang, J.-C. Jeng, K.S. Tang, G.R. Chen, K.F. Man, S. Kwong, A. Sánchez, Q.-G. Wang, Yong Zhang, Yu Zhang, P. Martin, M.J. Grimble, D.R. Greenwood	Complexity; Industrial and Production Engineering; Engineering Design; Systems Theory, Control	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-702-5
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5972	Modelling and Identification with Rational Orthogonal Basis Functions	Peter S.C. Heuberger, Paul M.J. Hof, Bo Wahlberg	Systems Theory, Control; Simulation and Modeling; Signal, Image and Speech Processing	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-956-2
5973	Modelling and Control of Mini-Flying Machines	Pedro Castillo, Rogelio Lozano, Alejandro E. Dzul	Automotive Engineering; Systems Theory, Control; Simulation and Modeling	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-957-9
5974	Computational Intelligence in Time Series Forecasting	Ajoy K. Palit, Dobrivoje Popovic	Artificial Intelligence (incl. Robotics); Simulation and Modeling; Quality Control, Reliability, Safety and Risk; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-948-7
5975	Reconfigurable Distributed Control	Héctor Benítez-Pérez, Fabián García-Nocetti	Computer System Implementation; Communications Engineering, Networks; Systems Theory, Control	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-954-8

5976	Scalable Infrastructure for Distributed Sensor Networks	Krishnendu Chakrabarty, S. S. Iyengar	Electronics and Microelectronics, Instrumentation; Signal, Image and Speech Processing; Computer Systems Organization and Communication Networks; Computer Appl. in Administrative Data Processing	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-951-7
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5979	Materials for Information Technology	Ehrenfried Zschech, Caroline Whelan, Thomas Mikolajick	Electronics and Microelectronics, Instrumentation; Solid State Physics	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-941-8
5980	The Universal Generating Function in Reliability Analysis and Optimization	Gregory Levitin	Quality Control, Reliability, Safety and Risk; Computational Intelligence; Complexity; Computer-Aided Engineering (CAD, CAE) and Design	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-927-2
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5984	Advanced Topics in Control Systems Theory	Françoise Lamnabhi-Lagarrigue, Antonio Loría, Elena Panteley	Systems Theory, Control; Automotive Engineering; Mechanical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-923-4
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5988	Nonlinear Waves in Fluids: Recent Advances and Modern Applications	Roger Grimshaw	Engineering Fluid Dynamics; Applications of Mathematics; Mathematical Methods in Physics; Fluid- and Aerodynamics; Continuum Mechanics and Mechanics of Materials	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-211-25259-8
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5990	Nonlinear Dynamical Systems in Economics	Marji Lines	Economics/Management Science, general; Economic Growth; Economic Theory; Macroeconomics/Monetary Economics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-211-26177-4
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5996	Multiscale Modelling of Damage and Fracture Processes in Composite Materials	Tomasz Sadowski	Continuum Mechanics and Mechanics of Materials; Computational Intelligence	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-211-29558-8
5997	Parameter Identification of Materials and Structures	Zenon Mróz, Georgios E. Stavroulakis	Computational Intelligence; Calculus of Variations and Optimal Control; Optimization; Artificial Intelligence (incl. Robotics)	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-211-30151-7
5998	Screw Compressors	Nikola Stosic, Ian K. Smith, Ahmed Kovacevic	Mechanical Engineering; Engineering Fluid Dynamics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-24275-8
5999	Microscale Diagnostic Techniques	Kenneth S. Breuer	Electronics and Microelectronics, Instrumentation; Theoretical and Applied Mechanics; Electrical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23099-1
6000	Advanced Stress and Stability Analysis	Vsevolod I. Feodosiev	Theoretical and Applied Mechanics; Computational Intelligence; Mechanics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23935-2
6001	High-Resolution Methods for Incompressible and Low-Speed Flows	Dimitris Drikakis, William Rider	Engineering Fluid Dynamics; Fluid- and Aerodynamics; Computational Intelligence; Computational Science and Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22136-4
6002	Theory of Elasticity	A. I. Lurie, Alexander Belyaev	Theoretical and Applied Mechanics; Computational Intelligence; Mechanics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-24556-8
6003	Automotive Control Systems	Uwe Kiencke, Lars Nielsen	Control, Robotics, Mechatronics; Automotive Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23139-4
6004	Dynamics of Rods	Valery A. Svetlitsky	Theoretical and Applied Mechanics; Fluid- and Aerodynamics; Automotive Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-24284-0
6005	Electromagnetic Aquametry	Klaus Kupfer	Microwaves, RF and Optical Engineering; Earth Sciences, general; Industrial Chemistry/Chemical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22222-4
6006	VLSI-Design of Non-Volatile Memories	Giovanni Campardo, Rino Micheloni, David Novosel	Circuits and Systems; Electronics and Microelectronics, Instrumentation	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-20198-4
6007	Inelastic Analysis of Solids and Structures	Miloš Kojić, Klaus-Jürgen Bathe	Continuum Mechanics and Mechanics of Materials; Structural Mechanics; Mechanics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22793-9
6008	Electronic Noise and Interfering Signals	Gabriel Vasilescu	Signal, Image and Speech Processing; Electronics and Microelectronics, Instrumentation; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Microwaves, RF and Optical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-40741-6
6009	Structure-Borne Sound	L. Cremer, M. Heckl, B.A.T. Petersson	Vibration, Dynamical Systems, Control; Acoustics; Building Construction; Noise Control	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22696-3

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6011	Turbomachinery Flow Physics and Dynamic Performance	Meinhard Schobeiri	Engineering Fluid Dynamics; Mechanical Engineering; Energy Technology; Fluid- and Aerodynamics; Computational Science and Engineering; Energy, general	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22368-9
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6013	Pressure and Temperature Sensitive Paints	Tianshu Liu, John P. Sullivan	Engineering Fluid Dynamics; Automotive Engineering; Classical Continuum Physics; Theoretical and Applied Mechanics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22241-5
6014	Radio Wave Propagation for Telecommunication Applications	Hervé Sizon	Microwaves, RF and Optical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-40758-4
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6016	Unsaturated Soils: Experimental Studies	Tom Schanz	Theoretical and Applied Mechanics; Engineering Fluid Dynamics; Continuum Mechanics and Mechanics of Materials; Appl.Mathematics/Computational Methods of Engineering; Classical Continuum Physics; Geophysics/Geodesy	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21121-1
6017	Unsaturated Soils: Numerical and Theoretical Approaches	Tom Schanz	Theoretical and Applied Mechanics; Engineering Fluid Dynamics; Appl.Mathematics/Computational Methods of Engineering; Classical Continuum Physics; Hydrogeology; Geophysics/Geodesy	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21122-8
6018	Differential Models	Alexander Pavlovich Solodov, Valery Fedorovich Ochkov	Appl.Mathematics/Computational Methods of Engineering; Theoretical and Applied Mechanics; Mathematical Methods in Physics; Ordinary Differential Equations; Partial Differential Equations; Classical Continuum Physics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-20852-5
6019	Discrete, Continuous, and Hybrid Petri Nets	René David, Hassane Alla	Artificial Intelligence (incl. Robotics); Appl.Mathematics/Computational Methods of Engineering; Mathematical Logic and Formal Languages; Systems Theory, Control; Applications of Mathematics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22480-8
6020	Multiphase Flow Dynamics 1	Nikolay I. Kolev	Engineering Fluid Dynamics; Fluid- and Aerodynamics; Thermodynamics; Computational Intelligence; Complexity	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22106-7
6021	Multiphase Flow Dynamics 2	Nikolay I. Kolev	Engineering Fluid Dynamics; Fluid- and Aerodynamics; Thermodynamics; Computational Intelligence; Complexity	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22107-4

6022	Analyzing Uncertainty in Civil Engineering	Wolfgang Fellin, Heimo Lessmann, Michael Oberguggenberger, Robert Vieider	Quality Control, Reliability, Safety and Risk; Probability Theory and Stochastic Processes; Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences; Theoretical and Applied Mechanics; Geoengineering, Foundations, Hydraulics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22246-0
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6024	Innovations in Robot Mobility and Control	Srikanta Patnaik, Lakhmi Jain, Spyros Tzafestas, Germano Resconi, Amit Konar	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics)	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-26892-5
6025	Bioethics in a Small World	Felix Thiele, R. E. Ashcroft, Friederike Wütscher	Engineering, general; Ethics; Biomedicine general; Life Sciences, general; Biomedical Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23595-8
6026	Flow and Transport in Fractured Porous Media	Peter Dietrich, Rainer Helmig, Martin Sauter, Heinz Hötzl, Jürgen Königeter, Georg Teutsch	Continuum Mechanics and Mechanics of Materials; Engineering Fluid Dynamics; Geoengineering, Foundations, Hydraulics; Math. Appl. in Environmental Science; Hydrogeology	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23270-4
6027	Tribo-Fatigue	Leonid A. Sosnovskiy	Continuum Mechanics and Mechanics of Materials; Tribology, Corrosion and Coatings; Machinery and Machine Elements; Quality Control, Reliability, Safety and Risk	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23153-0
6028	Rocket and Spacecraft Propulsion	Martin J. L. Turner	Aerospace Technology and Astronautics; Extraterrestrial Physics, Space Sciences; Automotive Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22190-6
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6030	Ambient Intelligence	Werner Weber, Jan M. Rabaey, Emile Aarts	Complexity; User Interfaces and Human Computer Interaction; Electronics and Microelectronics, Instrumentation; Artificial Intelligence (incl. Robotics)	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23867-6
6031	On the Uniqueness of Humankind	Hans-Rainer Duncker, Kathrin Prieß, Friederike Wütscher	Engineering, general; Ethics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23981-9
6032	Creep Mechanics	Josef Betten	Continuum Mechanics and Mechanics of Materials; Engineering Fluid Dynamics; Mechanics; Computational Intelligence; Fluid- and Aerodynamics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23204-9
6033	Fluid Mechanics	Egon Krause	Engineering Fluid Dynamics; Industrial Chemistry/Chemical Engineering; Classical Continuum Physics; Automotive Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22981-0
6034	Rarefied Gas Dynamics	Ching Shen	Engineering Thermodynamics, Heat and Mass Transfer; Industrial Chemistry/Chemical Engineering; Nanotechnology; Classical Continuum Physics; Engineering Fluid Dynamics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23926-0

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6036	Engineering Thermofluids	Mahmoud Massoud	Industrial Chemistry/Chemical Engineering; Engineering Fluid Dynamics; Energy Technology	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22292-7
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6038	The Engineer and the Scandal	Reint Boer	Continuum Mechanics and Mechanics of Materials; Geoenvironmental Engineering, Foundations, Hydraulics; Popular Science in Mathematics/Computer Science/Natural Science/Technology; Applications of Mathematics; Science, general	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23111-0
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6042	Analysis of Low-Speed Unsteady Airfoil Flows	Tuncer Cebeci, Max Platzer, Hsun Chen, Kuo-Cheng Chang, Jian P. Shao	Continuum Mechanics and Mechanics of Materials; Computational Mathematics and Numerical Analysis; Numerical and Computational Physics; Mechanics; Fluid- and Aerodynamics; Appl. Mathematics/Computational Methods of Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22932-2
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6047	Advanced Microsystems for Automotive Applications 2005	Jürgen Valldorf, Wolfgang Gessner	Electronics and Microelectronics, Instrumentation; Automotive Engineering; Industrial and Production Engineering	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-24410-3

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6095	Soft Computing for Information Processing and Analysis	Masoud Nikraves, Lotfi A. Zadeh, Janusz Kacprzyk	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Information Systems Applications (incl.Internet); Information and Communication, Circuits	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22930-8

6096	First Course on Fuzzy Theory and Applications	Kwang H. Lee	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Vibration, Dynamical Systems, Control; Applications of Mathematics; Probability Theory and Stochastic Processes	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-22988-9
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6100	Monitoring, Security, and Rescue Techniques in Multiagent Systems	Barbara Dunin-Keplicz, Andrzej Jankowski, Andrzej Skowron, Marcin Szczuka	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Information Systems and Communication Service; Business Information Systems	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23245-2
6101	Fuzzy Mathematical Programming and Fuzzy Matrix Games	C. R. Bector, Suresh Chandra	Appl.Mathematics/Computational Methods of Engineering; Game Theory, Economics, Social and Behav. Sciences; Artificial Intelligence (incl. Robotics); Operation Research/Decision Theory; Computational Mathematics and Numerical Analysis; Operations Research, Management Science	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23729-7
6102	Hierarchical Bayesian Optimization Algorithm	Martin Pelikan	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Programming Techniques; Algorithms; Applications of Mathematics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-23774-7
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6117	Soft Computing as Transdisciplinary Science and Technology	Ajith Abraham, Yasuhiko Dote, Takeshi Furuhashi, Mario Köppen, Azuma Ohuchi, Yukio Ohsawa	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Applications of Mathematics	2005	http://link.springer.com/openurl?genre=book&isbn=978-3-540-25055-5
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6187	Audio Signal Processing for Next-Generation Multimedia Communication Systems	Yiteng Huang, Jacob Benesty	Signal, Image and Speech Processing; Multimedia Information Systems; Computational Linguistics; Electrical Engineering	2004	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-7768-5
6188	Integrated Image and Graphics Technologies	David D. Zhang, Mohamed Kamel, George Baciu	Image Processing and Computer Vision; Signal, Image and Speech Processing; Theory of Computation; Computer Graphics; Multimedia Information Systems	2004	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-7774-6
6189	Handbook on Physical Properties of Semiconductors	Sadao Adachi	Electronics and Microelectronics, Instrumentation; Optical and Electronic Materials; Semiconductors; Characterization and Evaluation of Materials; Electrical Engineering	2004	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-7820-0
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6283	New Optimization Techniques in Engineering	Godfrey C. Onwubolu, B. V. Babu	Complexity; Optimization; Calculus of Variations and Optimal Control; Optimization; Industrial and Production Engineering; Operation Research/Decision Theory	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05767-0
6284	Neural Information Processing: Research and Development	Jagath Chandana Rajapakse, Lipo Wang	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Optimization; Statistical Physics, Dynamical Systems and Complexity	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-53564-2
6285	Applied Intelligent Systems	John Fulcher, Lakhmi C. Jain	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Pattern Recognition; Control, Robotics, Mechatronics; Economic Theory	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05942-1
6286	Optimal Control, Stabilization and Nonsmooth Analysis	Marcio S. Queiroz, Michael Malisoff, Peter Wolenski	Systems Theory, Control; Complexity; Vibration, Dynamical Systems, Control	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21330-7
6287	Intelligent Information Processing and Web Mining	Mieczysław A. Kłopotek, Sławomir T. Wierchoń, Krzysztof Trojanowski	Appl.Mathematics/Computational Methods of Engineering; Information Systems and Communication Service; Simulation and Modeling; Information and Communication, Circuits; Operation Research/Decision Theory	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21331-4
6288	Uncertainty Theory	Baoding Liu	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Optimization; Operations Research, Management Science; Probability Theory and Stochastic Processes; Operation Research/Decision Theory	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-662-13262-3
6289	Fuzzy Logic and the Internet	Vincenzo Loia, Masoud Nikravesh, Lotfi A. Zadeh	Appl.Mathematics/Computational Methods of Engineering; Information Systems Applications (incl.Internet); Multimedia Information Systems; Computing Methodologies	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05770-0
6290	Theory of the Non-linear Analog Phase Locked Loop	Nikolaos I. Margaris	Information and Communication, Circuits; Systems Theory, Control; Vibration, Dynamical Systems, Control	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21339-0
6291	Resilient Control of Uncertain Dynamical Systems	Magdi S. Mahmoud	Vibration, Dynamical Systems, Control	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21351-2

6292	Adaptive Dual Control	Nikolai M. Filatov, Heinz Unbehauen	Information and Communication, Circuits; Systems Theory, Control; Vibration, Dynamical Systems, Control; Machinery and Machine Elements	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21373-4
6293	Rational Matrix Equations in Stochastic Control	Tobias Damm	Linear and Multilinear Algebras, Matrix Theory; Systems Theory, Control; Probability Theory and Stochastic Processes; Appl.Mathematics/Computational Methods of Engineering	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-20516-6
6294	Intelligent Techniques in E-Commerce	Zhaohao Sun, Gavin R. Finnie	Appl.Mathematics/Computational Methods of Engineering; Computer Appl. in Administrative Data Processing; e-Commerce/e-business; Operation Research/Decision Theory; Business Information Systems	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05811-0
6295	PID Trajectory Tracking Control for Mechanical Systems	Youngjin Choi, Wan Kyun Chung	Control, Robotics, Mechatronics; Systems Theory, Control; Theoretical and Applied Mechanics; Vibration, Dynamical Systems, Control; Industrial and Production Engineering	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-20567-8
6296	New Soft Computing Techniques for System Modeling, Pattern Classification and Image Processing	Leszek Rutkowski	Appl.Mathematics/Computational Methods of Engineering; Artificial Intelligence (incl. Robotics); Image Processing and Computer Vision; Pattern Recognition; Information and Communication, Circuits; Systems Theory, Control	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05820-2
6297	Soccer Robotics	Jong-Hwan Kim, Yong-Jae Kim, Dong-Han Kim, Kiam-Tian Seow	Artificial Intelligence (incl. Robotics); Machinery and Machine Elements; Systems Theory, Control	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21859-3
6298	Engineering Vibration Analysis	V. A. Svetlitsky	Theoretical and Applied Mechanics; Mechanics; Computational Intelligence	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-05842-4
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6302	Medical Image Understanding Technology	Ryszard Tadeusiewicz, Marek R. Ogiela	Biomedical Engineering; Artificial Intelligence (incl. Robotics); Pattern Recognition; Physiological, Cellular and Medical Topics; Appl.Mathematics/Computational Methods of Engineering	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-53578-9
6303	Advances in Rehabilitation Robotics	Z. Zenn Bien, Dimitar Stefanov	Biomedical Engineering; Artificial Intelligence (incl. Robotics); Rehabilitation Medicine; Computational Intelligence	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-21986-6

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6308	Advances in Control of Articulated and Mobile Robots	Bruno Siciliano, Claudio Melchiorri, Alessandro Luca, Giuseppe Casalino	Artificial Intelligence (incl. Robotics); Vibration, Dynamical Systems, Control	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-20783-2
6309	Robotic Welding, Intelligence and Automation	Tzyh-Jong Tarn, Changjiu Zhou, Shan-Ben Chen	Machinery and Machine Elements; Vibration, Dynamical Systems, Control; Systems Theory, Control; Artificial Intelligence (incl. Robotics)	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-540-20804-4
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6320	Recent Results in Laminar-Turbulent Transition	Siegfried Wagner, Markus Kloker, Ulrich Rist	Engineering Fluid Dynamics; Statistical Physics, Dynamical Systems and Complexity; Mechanics; Engineering, general; Vibration, Dynamical Systems, Control; Automotive Engineering	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-07345-8
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6323	Enhancing the Power of the Internet	Masoud Nikravesh, Ben Azvine, Ronald Yager, Lotfi A. Zadeh	Communications Engineering, Networks; Information Systems Applications (incl.Internet); Multimedia Information Systems; Information and Communication, Circuits; Appl.Mathematics/Computational Methods of Engineering	2004	http://link.springer.com/openurl?genre=book&isbn=978-3-642-53629-8
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6958	Theory and Practice of Uncertain Programming	Baoding Liu	Artificial Intelligence (incl. Robotics); Programming Techniques; Simulation and Modeling; Operation Research/Decision Theory	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-662-13196-1
6959	Hybrid Information Systems	Ajith Abraham, Mario Köppen	Artificial Intelligence (incl. Robotics); Information Systems and Communication Service	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-1480-4
6960	Soft Computing in Industrial Electronics	Seppo J. Ovaska, Les M. Sztandera	Electronics and Microelectronics, Instrumentation; Computational Intelligence; Artificial Intelligence (incl. Robotics)	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2513-8
6961	Evolutionary Computation in Economics and Finance	Shu-Heng Chen	Artificial Intelligence (incl. Robotics); Game Theory/Mathematical Methods; Finance/Investment/Banking; Algorithm Analysis and Problem Complexity; Game Theory, Economics, Social and Behav. Sciences	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2512-1
6962	Towards Efficient Fuzzy Information Processing	Chongfu Huang, Yong Shi	Artificial Intelligence (incl. Robotics); Computational Intelligence	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2511-4
6963	Intelligent Agents and Their Applications	Lakshmi C. Jain, Zhengxin Chen, Nikhil Ichalkaranje	Artificial Intelligence (incl. Robotics); Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2510-7
6964	Aggregation Operators	Tomasa Calvo, Gaspar Mayor, Radko Mesiar	Artificial Intelligence (incl. Robotics); Mathematics of Computing; Computer Applications	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00319-0
6965	Computational Intelligence Processing in Medical Diagnosis	Manfred Schmitt, Horia-Nicolai Teodorescu, Ashlesha Jain, Ajita Jain, Sandyha Jain, Lakshmi C. Jain	Health Informatics; Artificial Intelligence (incl. Robotics); Computer Appl. in Life Sciences	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2509-1
6966	Data Mining, Rough Sets and Granular Computing	Tsau Young Lin, Yiyu Y. Yao, Lotfi A. Zadeh	Artificial Intelligence (incl. Robotics); Database Management	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2508-4

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6968	Similarity and Compatibility in Fuzzy Set Theory	Valerie V. Cross, Thomas A. Sudkamp	Artificial Intelligence (incl. Robotics); Data Structures, Cryptology and Information Theory	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2507-7
6969	Evolving Rule-Based Models	Plamen P. Angelov	Artificial Intelligence (incl. Robotics); Complexity	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2506-0
6970	Fuzzy Mathematics in Economics and Engineering	James J. Buckley, Esfandiar Eslami, Thomas Feuring	Game Theory/Mathematical Methods; Operation Research/Decision Theory; Artificial Intelligence (incl. Robotics); Appl.Mathematics/Computational Methods of Engineering; Applications of Mathematics	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2505-3
6971	Technologies for Constructing Intelligent Systems 2	Bernadette Bouchon-Meunier, Julio Gutiérrez-Ríos, Luis Magdalena, Ronald R. Yager	Artificial Intelligence (incl. Robotics)	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2504-6
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6974	An Introduction to Fuzzy Logic and Fuzzy Sets	James J. Buckley, Esfandiar Eslami	Artificial Intelligence (incl. Robotics); Computational Intelligence; Applications of Mathematics	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-1447-7
6975	Statistical Modeling, Analysis and Management of Fuzzy Data	Carlo Bertoluzza, María-Ángeles Gil, Dan A. Ralescu	Statistics and Computing/Statistics Programs; Artificial Intelligence (incl. Robotics); Probability Theory and Stochastic Processes	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2501-5
6976	Computational Intelligence Systems and Applications	Marian B. Gorzalczy	Artificial Intelligence (incl. Robotics)	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00334-3
6977	Neuro-Fuzzy Architectures and Hybrid Learning	Danuta Rutkowska	Artificial Intelligence (incl. Robotics)	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2500-8
6978	New Learning Paradigms in Soft Computing	Lakhmi C. Jain, Janusz Kacprzyk	Artificial Intelligence (incl. Robotics); Computational Intelligence	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2499-5
6979	Fuzzy Logic in Medicine	Senén Barro, Roque Marín	Health Informatics; Artificial Intelligence (incl. Robotics)	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2498-8
6980	Fuzzy Reasoning in Decision Making and Optimization	Christer Carlsson, Robert Fullér	Operation Research/Decision Theory; Artificial Intelligence (incl. Robotics); Business Information Systems	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2497-1
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6982	Soft Computing for Reservoir Characterization and Modeling	Patrick Wong, Fred Aminzadeh, Masoud Nikravesh	Geology; Geophysics/Geodesy; Artificial Intelligence (incl. Robotics); Earth Sciences, general	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2495-7
6983	Self-Organizing Neural Networks	Udo Seiffert, Lakhmi C. Jain	Artificial Intelligence (incl. Robotics); Computation by Abstract Devices; Statistical Physics, Dynamical Systems and Complexity	2002	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00343-5

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6985	Distributed Autonomous Robotic Systems 5	Hajime Asama, Tamio Arai, Toshio Fukuda, Tsutomu Hasegawa	Mechanical Engineering	2002	http://link.springer.com/openurl?genre=book&isbn=978-4-431-65943-3
6986	Future Cities: Dynamics and Sustainability	Fred Moavenzadeh, Keisuke Hanaki, Peter Baccini		2002	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-0541-1
6987	Air Quality in the Mexico Megacity	Luisa T. Molina, Mario J. Molina	Atmospheric Protection/Air Quality Control/Air Pollution; Ecotoxicology; Environmental Management	2002	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-0507-7
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6989	Nonlinear and Stochastic Dynamics of Compliant Offshore Structures	Seon Mi Han, Haym Benaroya	Offshore Engineering; Vibration, Dynamical Systems, Control; Applications of Mathematics; Mathematical Modeling and Industrial Mathematics; Theoretical, Mathematical and Computational Physics	2002	http://link.springer.com/openurl?genre=book&isbn=978-90-481-5999-4
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6993	IUTAM Symposium on Mechanics of Martensitic Phase Transformation in Solids	Q. P. Sun	Mechanics; Characterization and Evaluation of Materials; Mechanical Engineering	2002	http://link.springer.com/openurl?genre=book&isbn=978-90-481-6071-6
6994	IUTAM Symposium on Analytical and Computational Fracture Mechanics of Non-Homogeneous Materials	B. L. Karihaloo	Mechanics; Continuum Mechanics and Mechanics of Materials; Appl.Mathematics/Computational Methods of Engineering; Characterization and Evaluation of Materials	2002	http://link.springer.com/openurl?genre=book&isbn=978-90-481-5977-2
6995	IUTAM Symposium on Designing for Quietness	M. L. Munjal	Acoustics; Vibration, Dynamical Systems, Control; Noise Control	2002	http://link.springer.com/openurl?genre=book&isbn=978-90-481-6081-5
6996	Advances in Robot Kinematics	J. Lenarčič, F. Thomas	Vibration, Dynamical Systems, Control; Numeric Computing; Mechanical Engineering; Mechanics; Electrical Engineering	2002	http://link.springer.com/openurl?genre=book&isbn=978-90-481-6054-9
6997	Contact Mechanics	João A. C. Martins, Manuel D. P. Monteiro Marques	Appl.Mathematics/Computational Methods of Engineering; Vibration, Dynamical Systems, Control; Mechanics; Applications of Mathematics	2002	http://link.springer.com/openurl?genre=book&isbn=978-90-481-6099-0
6998	Digital Radio Systems on a Chip	Charles Chien	Circuits and Systems; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7260-8
6999	Radio Resource Management in Cellular Systems	Nishith D. Tripathi, Jeffrey H. Reed, Hugh F. VanLandingham	Electrical Engineering; Signal,Image and Speech Processing; Statistical Physics, Dynamical Systems and Complexity	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-4897-7
7000	CMOS Logic Circuit Design	John P. Uyemura	Circuits and Systems; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-8452-6

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7002	High-speed CMOS Circuits for Optical Receivers	Jafar Savoj, Behzad Razavi	Circuits and Systems; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7388-9
7003	Microsystem Design	Stephen D. Senturia	Electrical Engineering; Mechanics	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7246-2
7004	Principles of Verifiable RTL Design	Lionel Bening, Harry Foster	Circuits and Systems; Computer Hardware; Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7368-1
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7006	Analog Design for CMOS VLSI Systems	Franco Maloberti	Circuits and Systems; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7550-0
7007	Boundary-Scan Interconnect Diagnosis	José T. Sousa, Peter Y. K. Cheung	Circuits and Systems; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7314-8
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7012	Low-Power Design Techniques and CAD Tools for Analog and RF Integrated Circuits	Piet Wambacq, Georges Gielen, John Gerrits, Rene Leuken, Alexander Graaf, Reinder Nouta	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7432-9
7013	Model Engineering in Mixed-Signal Circuit Design	Sorin A. Huss	Circuits and Systems; Computer Hardware; Electrical Engineering; Mechanical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7598-2
7014	Multi-GHz Frequency Synthesis & Division	Hamid R. Rategh, Thomas H. Lee	Circuits and Systems; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7533-3
7015	Structured Electronic Design	Arie Staveren, Chris J. M. Verhoeven, Arthur H. M. Roermund	Circuits and Systems; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7283-7
7016	Substrate Noise	Edoardo Charbon, Ranjit Gharpurey, Paolo Miliuzzi, Robert G. Meyer, Alberto Sangiovanni-Vincentelli	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7325-4
7017	Systematic Design for Optimisation of Pipelined ADCs	João Goes, João C. Vital, José Franca	Circuits and Systems; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7291-2
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7019	Ecodesign Pilot	Wolfgang Wimmer, Rainer Züst	Ecology; Ecotoxicology; Environmental Management	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-0965-5

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7021	Glare	Ad Vlot	Automotive Engineering; History	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-0124-6
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7031	Software Radio	Enrico Re	Communications Engineering, Networks; Electronics and Microelectronics, Instrumentation	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-85233-346-1
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7057	Numerical Methods for Experimental Mechanics	Donald Berghaus	Appl. Mathematics/Computational Methods of Engineering; Mechanics; Numeric Computing	2001	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-7403-9
7058	Open Control Networks	Dietmar Loy, Dietmar Dietrich, Hans-Joerg Schweinzer	Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design; Computer Communication Networks; Civil Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5572-4
7059	Cross-Talk Noise Immune VLSI Design Using Regular Layout Fabrics	Sunil P. Khatri, Robert K. Brayton, Alberto L. Sangiovanni-Vincentelli	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5573-1
7060	System Design	Andreas Gerstlauer, Rainer Dömer, Junyu Peng, Daniel D. Gajski	Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design; Computer Hardware; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5575-5
7061	Multi-Frame Motion-Compensated Prediction for Video Transmission	Thomas Wiegand, Bernd Girod	Image Processing and Computer Vision; Multimedia Information Systems; Electrical Engineering; Computer Graphics	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5578-6
7062	Transmission-Efficient Design and Management of Wavelength-Routed Optical Networks	Maher Ali	Computer Communication Networks; Optics, Optoelectronics, Plasmonics and Optical Devices; Electrical Engineering; Characterization and Evaluation of Materials	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5580-9
7063	Error Coding for Engineers	A. Houghton	Electrical Engineering; Signal, Image and Speech Processing; Discrete Mathematics in Computer Science	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5589-2
7064	GIS and Remote Sensing Applications in Biogeography and Ecology	Andrew C. Millington, Stephen J. Walsh, Patrick E. Osborne	Remote Sensing/Photogrammetry; Ecology; Ecotoxicology; Physical Geography; Geographical Information Systems/Cartography	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5596-0
7065	Constrained Coding and Soft Iterative Decoding	John L. Fan	Electrical Engineering; Discrete Mathematics in Computer Science; Characterization and Evaluation of Materials; Optics, Optoelectronics, Plasmonics and Optical Devices	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5597-7
7066	Foundations of Image Understanding	Larry S. Davis	Computer Imaging, Vision, Pattern Recognition and Graphics; Image Processing and Computer Vision; Computer Graphics; Numeric Computing; Mathematical Logic and Foundations	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5599-1

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7068	Virtual Computing	Dongmin Kim, Salim Hariri	Computer Communication Networks; Processor Architectures	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5611-0
7069	EMI/EMC Computational Modeling Handbook	Bruce Archambeault, Colin Brench, Omar M. Ramahi	Electrical Engineering; Microwaves, RF and Optical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5613-4
7070	Introduction to Physical Modeling with Modelica	Michael Tiller	Mechanical Engineering; Systems Theory, Control; Programming Languages, Compilers, Interpreters	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5615-8
7071	Parking Structures	Anthony P. Chrest, Mary S. Smith, Sam Bhuyan, Mohammad Iqbal, Donald R. Monahan	Civil Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5623-3
7072	Integrated Matrix Analysis of Structures	Mario Paz, William Leigh	Civil Engineering; Structural Mechanics	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5640-0
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7074	Face Image Analysis by Unsupervised Learning	Marian Stewart Bartlett	User Interfaces and Human Computer Interaction; Computer Imaging, Vision, Pattern Recognition and Graphics; Artificial Intelligence (incl. Robotics); Statistics for Life Sciences, Medicine, Health Sciences; Control, Robotics, Mechatronics; Theory of Computation	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5653-0
7075	Synchronous Equivalence	Harry Hsieh, Felice Balarin, Alberto Sangiovanni-Vincentelli	Circuits and Systems; Computing Methodologies; Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5664-6
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7077	Efficient Polymorphic Calls	Karel Driesen	Processor Architectures; Programming Languages, Compilers, Interpreters; Computer Science, general	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5675-2
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7082	Valuation, Hedging and Speculation in Competitive Electricity Markets	Petter L. Skantze, Marija D. Ilic	Electrical Engineering; Energy Economics; Energy Policy, Economics and Management	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5685-1
7083	Geotechnical and Geoenvironmental Engineering Handbook	R. Kerry Rowe	Engineering, general; Geotechnical Engineering & Applied Earth Sciences; Environment, general; Hydrogeology; Civil Engineering	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5699-8

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7089	Scanning Probe Lithography	Hyongsok T. Soh, Kathryn Wilder Guarini, Calvin F. Quate	Circuits and Systems; Optical and Electronic Materials; Manufacturing, Machines, Tools; Electrical Engineering; Characterization and Evaluation of Materials	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-4894-6
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7159	Noise in Semiconductor Devices	Fabrizio Bonani, Giovanni Ghione	Optics, Optoelectronics, Plasmonics and Optical Devices; Mathematical Methods in Physics; Numerical and Computational Physics; Electronics and Microelectronics, Instrumentation; Software Engineering/Programming and Operating Systems	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-642-08586-4
7160	Statistical Physics of Fluids	V. I. Kalikmanov	Engineering Fluid Dynamics; Classical Continuum Physics; Condensed Matter Physics; Fluid- and Aerodynamics; Statistical Physics, Dynamical Systems and Complexity; Thermodynamics	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-642-07511-7

7161	Deformation and Fracture Behaviour of Polymers	Wolfgang Grellmann, Sabine Seidler	Theoretical and Applied Mechanics; Characterization and Evaluation of Materials; Engineering, general; Polymer Sciences; Mechanics; Condensed Matter Physics	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-642-07453-0
7162	Digital Signal Processing with Field Programmable Gate Arrays	Uwe Meyer-Baese	Signal, Image and Speech Processing; Electronics and Microelectronics, Instrumentation; Logic Design	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-662-04615-9
7163	Microphone Arrays	Michael Brandstein, Darren Ward	Signal, Image and Speech Processing; Acoustics; Communications Engineering, Networks	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-642-07547-6
7164	Mechatronic Control of Distributed Noise and Vibration	Christopher D. Rahn	Vibration, Dynamical Systems, Control; Control, Robotics, Mechatronics; Computational Intelligence; Acoustics	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-642-07536-0
7165	Interactive Broadband Media	Nikolaus Mohr, Gerhard P. Thomas	Engineering, general	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-663-01321-1
7166	Turbulence Structure and Modulation	Alfredo Soldati, Rossella Monti	Computational Intelligence; Artificial Intelligence (incl. Robotics)	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83339-1
7167	Configurational Mechanics of Materials	Reinhold Kienzler, Gérard A. Maugin	Engineering, general	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83338-4
7168	Advanced Numerical Applications and Plasticity in Geomechanics	Vaughan D. Griffiths, Giancarlo Gioda	Engineering, general	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83337-7
7169	Deployable Structures	S. Pellegrino	Building Construction; Automotive Engineering; Vibration, Dynamical Systems, Control; Computational Intelligence	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83685-9
7170	Environmental Geomechanics	Bernhard A. Schrefler	Complexity; Geoengineering, Foundations, Hydraulics; Earth Sciences, general	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83680-4
7171	Smart Structures	Afzal Suleman	Computational Intelligence; Complexity; Automotive Engineering; Theoretical and Applied Mechanics	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83681-1
7172	Simulation of Semiconductor Processes and Devices 2001	Dimitris Tsoukalas, Christos Tsamis	Electronics and Microelectronics, Instrumentation; Optical and Electronic Materials; Nanotechnology	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-7278-0
7173	Computational Single-Electronics	Christoph Wasshuber	Electronics and Microelectronics, Instrumentation; Simulation and Modeling; Optical and Electronic Materials; Math Applications in Computer Science; Complexity	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7091-7256-8
7174	Fuzzy Mathematics	John N. Mordeson, Premchand S. Nair	Mathematics, general; Math Applications in Computer Science; Computational Intelligence; Game Theory/Mathematical Methods	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2494-0
7175	Propositional, Probabilistic and Evidential Reasoning	Weiru Liu	Artificial Intelligence (incl. Robotics); Computational Mathematics and Numerical Analysis; Game Theory/Mathematical Methods	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2493-3
7176	Intelligent Information Systems 2001	Mieczysław A. Kłopotek, Maciej Michalewicz, Sławomir T. Wierchoń	Artificial Intelligence (incl. Robotics)	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-1407-1
7177	Soft Computing for Risk Evaluation and Management	Da Ruan, Janusz Kacprzyk, Mario Fedrizzi	Finance/Investment/Banking; Quantitative Finance; Artificial Intelligence (incl. Robotics)	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00348-0
7178	Soft Computing Agents	Vincenzo Loia, Salvatore Sessa	Artificial Intelligence (incl. Robotics)	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00350-3

7179	Hardware Implementation of Intelligent Systems	Horia-Nicolai Teodorescu, Lakhmi C. Jain, Abraham Kandel	Artificial Intelligence (incl. Robotics)	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2491-9
7180	Dynamical Aspects in Fuzzy Decision Making	Yuji Yoshida	Operation Research/Decision Theory; Artificial Intelligence (incl. Robotics)	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2490-2
7181	Lectures on Soft Computing and Fuzzy Logic	Antonio Nola, Giangiacomo Gerla	Artificial Intelligence (incl. Robotics); Business Information Systems	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-1396-8
7182	Fuzzy Cooperative Games	Milan Mareš	Game Theory/Mathematical Methods; Artificial Intelligence (incl. Robotics); Operation Research/Decision Theory	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2489-6
7183	Industrial Applications of Soft Computing	Kauko Leiviskä	Production/Logistics/Supply Chain Management; Artificial Intelligence (incl. Robotics); Operating Procedures, Materials Treatment	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2488-9
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7186	Data Mining and Computational Intelligence	Abraham Kandel, Mark Last, Horst Bunke	Database Management; Business Information Systems; Artificial Intelligence (incl. Robotics)	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2484-1
7187	Radial Basis Function Networks 2	Robert J. Howlett, Lakhmi C. Jain	Artificial Intelligence (incl. Robotics); Pattern Recognition	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2483-4
7188	Relational Methods for Computer Science Applications	Ewa Orłowska, Andrzej Szalas	Arithmetic and Logic Structures; Logics and Meanings of Programs; Artificial Intelligence (incl. Robotics)	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00362-6
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7192	Soft Computing for Control of Non-Linear Dynamical Systems	Oscar Castillo, Patricia Melin	Artificial Intelligence (incl. Robotics); Control, Robotics, Mechatronics; Game Theory/Mathematical Methods; Calculus of Variations and Optimal Control; Optimization	2001	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00367-1
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7203	Polymer Composite Materials — Interface Phenomena & Processes	Yatchko Ivanov, Valerii Cheshkov, Margarita Natova	Characterization and Evaluation of Materials; Physical Chemistry; Mechanics	2001	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-0386-8
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7208	IUTAM/IACM/IABEM Symposium on Advanced Mathematical and Computational Mechanics Aspects of the Boundary Element Method	Tadeusz Burczynski	Appl.Mathematics/Computational Methods of Engineering; Applications of Mathematics; Computational Mathematics and Numerical Analysis; Mechanics	2001	http://link.springer.com/openurl?genre=book&isbn=978-90-481-5737-2
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7261	Signals and Systems in Biomedical Engineering	Suresh R. Devasahayam	Biomedical Engineering; Signal, Image and Speech Processing; Biophysics and Biological Physics; Electrical Engineering	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6929-5
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7263	Languages for Digital Embedded Systems	Stephen A. Edwards	Circuits and Systems; Programming Languages, Compilers, Interpreters; Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6942-4
7264	Multimedia Video-Based Surveillance Systems	Gian Luca Foresti, Petri Mähönen, Carlo S. Regazzoni	Image Processing and Computer Vision; Signal, Image and Speech Processing; Multimedia Information Systems; Electrical Engineering; Computer Imaging, Vision, Pattern Recognition and Graphics	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6943-1
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7266	Darwin2K	Chris Leger	Mechanical Engineering; Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics); Systems Theory, Control; Engineering Design	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6945-5
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7272	Function/Architecture Optimization and Co-Design of Embedded Systems	Bassam Tabbara, Abdallah Tabbara, Alberto Sangiovanni-Vincentelli	Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6959-2
7273	Analog Test Signal Generation Using Periodic $\Sigma\Delta$ -Encoded Data Streams	Benoit Dufort, Gordon W. Roberts	Electrical Engineering	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6968-4
7274	Workload Characterization for Computer System Design	Lizy Kurian John, Ann Marie Grizzaffi Maynard	Computer Science, general; Processor Architectures; Programming Languages, Compilers, Interpreters; Software Engineering/Programming and Operating Systems; Multimedia Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6973-8
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7360	New Product Development and Production Networks	Ulrich Jürgens	Manufacturing, Machines, Tools	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-642-08387-7
7361	Singular Integral Equations	E. G. Ladopoulos	Computational Intelligence; Integral Equations; Continuum Mechanics and Mechanics of Materials; Mechanics; Numerical Analysis; Mathematical Methods in Physics	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-642-08658-8
7362	Nonlinear Continuum Mechanics of Solids	Yavuz Başar, Dieter Weichert	Continuum Mechanics and Mechanics of Materials; Engineering, general; Mechanics; Statistical Physics, Dynamical Systems and Complexity; Mathematical Methods in Physics; Numerical and Computational Physics	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-642-08588-8
7363	Ferroelectric Memories	James F. Scott	Metallic Materials; Electronics and Microelectronics, Instrumentation; Memory Structures	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-642-08565-9
7364	Partial Differential Equations in Mechanics 2	A. P. S. Selvadurai	Continuum Mechanics and Mechanics of Materials; Appl.Mathematics/Computational Methods of Engineering; Partial Differential Equations; Mechanics; Mathematical Methods in Physics; Numerical and Computational Physics	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-642-08667-0
7365	Dynamics in One Complex Variable	John Milnor	Engineering, general	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-528-13130-2
7366	Semi-Rigid Joints in Structural Steelwork	Miklos Ivanyi, Charalambos C. Baniotopoulos	Geoengineering, Foundations, Hydraulics; Building Construction	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83331-5
7367	Seismic Resistant Steel Structures	Federico M. Mazzolani, Victor Gioncu	Geoengineering, Foundations, Hydraulics	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83329-2
7368	Material Instabilities in Elastic and Plastic Solids	Henryk Petryk	Appl.Mathematics/Computational Methods of Engineering; Characterization and Evaluation of Materials; Mechanics	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-211-83328-5
7369	Fuzzy Discrete Structures	Davender S. Malik, John N. Mordeson	Artificial Intelligence (incl. Robotics); Combinatorics; Operation Research/Decision Theory	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2477-3
7370	Rough Set Methods and Applications	Lech Polkowski, Shusaku Tsumoto, Tsau Y. Lin	Artificial Intelligence (incl. Robotics); Mathematical Logic and Formal Languages; Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00376-3
7371	Fuzzy Control	Rainer Hampel, Michael Wagenknecht, Nasredin Chaker	Control; Artificial Intelligence (incl. Robotics); Complexity; Control, Robotics, Mechatronics	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-1327-2

7372	The State of the Art in Computational Intelligence	Peter Sinčák, Ján Vaščák, Vladimír Kvasnička, Radko Mesiar	Artificial Intelligence (incl. Robotics); Computation by Abstract Devices; Mathematical Logic and Formal Languages; Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-1322-7
7373	Recent Issues on Fuzzy Databases	Gloria Bordogna, Gabriella Pasi	Database Management; Artificial Intelligence (incl. Robotics); Business Information Systems; Earth Sciences, general	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2476-6
7374	Intelligent Information Systems	Mieczysław Kłopotek, Maciej Michalewicz, Sławomir T. Wierzchoń	Artificial Intelligence (incl. Robotics); Information Systems Applications (incl. Internet); Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-1309-8
7375	Fuzzy Techniques in Image Processing	Etienne E. Kerre, Mike Nachtgeael	Image Processing and Computer Vision; Artificial Intelligence (incl. Robotics); Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2475-9
7376	Preferences and Decisions under Incomplete Knowledge	János Fodor, Bernard Baets, Patrice Perny	Operation Research/Decision Theory; Artificial Intelligence (incl. Robotics); Economic Theory; Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2474-2
7377	Soft Computing in Information Retrieval	Fabio Crestani, Gabriella Pasi	Information Storage and Retrieval; Artificial Intelligence (incl. Robotics); Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2473-5
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7379	Large Scale Interactive Fuzzy Multiobjective Programming	Masatoshi Sakawa	Operation Research/Decision Theory; Artificial Intelligence (incl. Robotics); Calculus of Variations and Optimal Control; Optimization; Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00386-2
7380	Introduction to Neuro-Fuzzy Systems	Robert Fullér	Artificial Intelligence (incl. Robotics); Business Information Systems; Operation Research/Decision Theory	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-1256-5
7381	Fuzzy and Neuro-Fuzzy Intelligent Systems	Ernest Czogała, Jacek Łęski	Artificial Intelligence (incl. Robotics); Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00389-3
7382	Fuzzy Graphs and Fuzzy Hypergraphs	John N. Mordeson, Premchand S. Nair	Combinatorics; Mathematics of Computing; Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2471-1
7383	Future Directions for Intelligent Systems and Information Sciences	Nikola Kasabov	Artificial Intelligence (incl. Robotics); Business Information Systems; Language Translation and Linguistics; Image Processing and Computer Vision; Information Systems Applications (incl. Internet); Computer Appl. in Life Sciences	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2470-4
7384	Innovations in ART Neural Networks	Lakshmi C. Jain, Beatrice Lazzerini, Ugur Halici	Artificial Intelligence (incl. Robotics); Complexity; Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2469-8
7385	Soft Computing for Image Processing	Sankar K. Pal, Ashish Ghosh, Malay K. Kundu	Image Processing and Computer Vision; Artificial Intelligence (incl. Robotics); Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2468-1
7386	Fuzzy Systems in Medicine	Piotr S. Szczepaniak, Paulo J. G. Lisboa, Janusz Kacprzyk	Health Informatics; Artificial Intelligence (incl. Robotics); Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-662-00395-4

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7388	Fuzzy Systems and Soft Computing in Nuclear Engineering	Da Ruan	Renewable and Green Energy; Artificial Intelligence (incl. Robotics); Nuclear Physics, Heavy Ions, Hadrons; Nuclear Fusion; Business Information Systems; Nuclear Energy	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2466-7
7389	Innovative Teaching and Learning	Lakhmi C. Jain	Artificial Intelligence (incl. Robotics); Business Information Systems	2000	http://link.springer.com/openurl?genre=book&isbn=978-3-7908-2465-0
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7392	Distributed Autonomous Robotic Systems 4	Lynne E. Parker, George Bekey, Jacob Barhen	Mechanical Engineering	2000	http://link.springer.com/openurl?genre=book&isbn=978-4-431-67991-2
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7394	An Introduction to Fuzzy Logic Applications	John Harris	Engineering, general; Artificial Intelligence (incl. Robotics); Computer-Aided Engineering (CAD, CAE) and Design; Computer Science, general; Business/Management Science, general	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-0395-0
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7397	Parallel Robots	Jean-Pierre Merlet	Mechanical Engineering; Control, Robotics, Mechatronics; Engineering Design; Algebraic Geometry; Symbolic and Algebraic Manipulation	2000	http://link.springer.com/openurl?genre=book&isbn=978-1-4020-0385-1
7398	Advances in Robot Kinematics	J. Lenarčič, M. M. Stanišić	Vibration, Dynamical Systems, Control; Numeric Computing; Mechanical Engineering; Mechanics; Electrical Engineering	2000	http://link.springer.com/openurl?genre=book&isbn=978-94-010-5803-2
7399	IUTAM Symposium on Recent Developments in Non-linear Oscillations of Mechanical Systems	Nguyen Dao, E. J. Kreuzer	Vibration, Dynamical Systems, Control; Mechanical Engineering; Ordinary Differential Equations; Partial Differential Equations	2000	http://link.springer.com/openurl?genre=book&isbn=978-94-010-5809-4
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7401	IUTAM / IFToMM Symposium on Synthesis of Nonlinear Dynamical Systems	E. Lavendelis, M. Zakrzhevsky	Vibration, Dynamical Systems, Control; Mechanical Engineering	2000	http://link.springer.com/openurl?genre=book&isbn=978-94-010-5836-0
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7406	IUTAM-IASS Symposium on Deployable Structures: Theory and Applications	S. Pellegrino, S. D. Guest	Mechanics; Civil Engineering; Automotive Engineering; Life Sciences, general	2000	http://link.springer.com/openurl?genre=book&isbn=978-90-481-5539-2
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7577	Dynamics of Vibro-Impact Systems	V. I. Babitsky	Vibration, Dynamical Systems, Control; Continuum Mechanics and Mechanics of Materials; Mechanics	1999	http://link.springer.com/openurl?genre=book&isbn=978-3-642-64263-0
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7767	Reuse Methodology Manual for System-on-a-Chip Designs	Michael Keating, Pierre Bricaud	Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering; Computer Hardware	1998	http://link.springer.com/openurl?genre=book&isbn=978-1-4757-2889-7
7768	Integrated Smart Sensors	Gert Horn, Johan L. Huijsing	Electrical Engineering; Signal, Image and Speech Processing	1998	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5016-1
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7771	Cellular Neural Networks and Analog VLSI	Leon O. Chua, Glenn Gulak, Edmund Pierzchala, Angel Rodríguez-Vázquez	Electrical Engineering; Statistical Physics, Dynamical Systems and Complexity; Computer Science, general	1998	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5030-7
7772	Distortion Analysis of Analog Integrated Circuits	Piet Wambacq, Willy Sansen	Circuits and Systems; Electrical Engineering	1998	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5044-4

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7774	Field-Programmable Analog Arrays	Edmund Pierzchala, Glenn Gulak, Leon O. Chua, Angel Rodríguez-Vázquez	Electrical Engineering; Computer Science, general	1998	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5051-2
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8502	Learning and Coordination	Steven H. Kim	Artificial Intelligence (incl. Robotics); Manufacturing, Machines, Tools; Mechanical Engineering; Production/Logistics/Supply Chain Management	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4442-4
8503	Vortex Processes and Solid Body Dynamics	Boris I. Rabinovich, Valeryi G. Lebedev, Alexander I. Mytarev	Automotive Engineering; Electrical Engineering; Vibration, Dynamical Systems, Control; Mechanics	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4452-3
8504	DIANA Computational Mechanics '94	Ger M. A. Kusters, Max A. N. Hendriks	Appl.Mathematics/Computational Methods of Engineering; Mechanics; Vibration, Dynamical Systems, Control	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4454-7
8505	Thermal Management of Electronic Systems	C. J. Hoogendoorn, R. A. W. M. Henkes, C. J. M. Lasance	Theoretical and Applied Mechanics; Electrical Engineering; Engineering Thermodynamics, Heat and Mass Transfer; Mechanics; Engineering Design; Systems Theory, Control	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4472-1
8506	Interaction of Shock Waves	R. S. Srivastava	Engineering Fluid Dynamics; Acoustics; Mechanics	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4474-5
8507	Computational Methods in Solid Mechanics	Alain Curnier	Appl.Mathematics/Computational Methods of Engineering; Mechanics; Applications of Mathematics	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4486-8
8508	Hydrometallurgy '94	Institution of Mining and Metallurgy and the Society of Chemical Industry	Geoengineering, Foundations, Hydraulics; Geotechnical Engineering & Applied Earth Sciences; Hydrogeology; Atmospheric Protection/Air Quality Control/Air Pollution; Metallic Materials	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4532-2
8509	Mining Latin America / Minería Latinoamericana	The Institution of Mining and Metallurgy	Geoengineering, Foundations, Hydraulics; Geology; Physics, general	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4533-9
8510	Microwave Integrated Circuits	I. Kneppo, J. Fabian, P. Bezoušek, P. Hrníčko, M. Pavel	Microwaves, RF and Optical Engineering; Processor Architectures	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4535-3
8511	Magnetostatic Waves and Their Application	P. Kaboš, V. S. Stalmachov	Microwaves, RF and Optical Engineering; Optical and Electronic Materials	1994	http://link.springer.com/openurl?genre=book&isbn=978-94-010-4543-8

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8515	Variational Methods and Complementary Formulations in Dynamics	B. Tabarrok, F. P. J. Rimrott	Vibration, Dynamical Systems, Control; Mechanics; Calculus of Variations and Optimal Control; Optimization	1994	http://link.springer.com/openurl?genre=book&isbn=978-90-481-4422-8
8516	Mechanics of Fretting Fatigue	D. A. Hills, D. Nowell	Characterization and Evaluation of Materials; Mechanics	1994	http://link.springer.com/openurl?genre=book&isbn=978-90-481-4409-9
8517	Real Time Fault Monitoring of Industrial Processes	A. D. Pouliezios, G. S. Stavrakakis	Mechanical Engineering; Quality Control, Reliability, Safety and Risk; Electrical Engineering; Mechanics	1994	http://link.springer.com/openurl?genre=book&isbn=978-90-481-4374-0
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8520	Mechanics of Composite Materials	J. N. Reddy	Mechanics; Characterization and Evaluation of Materials; Structural Mechanics	1994	http://link.springer.com/openurl?genre=book&isbn=978-90-481-4451-8
8521	Random Vibration and Spectral Analysis	André Preumont	Probability Theory and Stochastic Processes; Vibration, Dynamical Systems, Control; Mechanics; Civil Engineering	1994	http://link.springer.com/openurl?genre=book&isbn=978-90-481-4449-5
8522	Parallel Algorithm Derivation and Program Transformation	Robert Paige, John Reif, Raplh Watcher	Software Engineering/Programming and Operating Systems; Processor Architectures; Computer Science, general	1993	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-9362-7
8523	Foundations of Knowledge Acquisition	Alan L. Meyrowitz, Susan Chipman	Artificial Intelligence (incl. Robotics); Computer Science, general	1993	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-9278-1
8524	The Testability of Distributed Real-Time Systems	Werner Schütz	Special Purpose and Application-Based Systems; Software Engineering/Programming and Operating Systems; Computer Science, general	1993	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-9386-3
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8527	Dynamic Models for Structural Plasticity	William James Stronge, Tongxi Yu	Theoretical and Applied Mechanics; Manufacturing, Machines, Tools; Engineering Design	1993	http://link.springer.com/openurl?genre=book&isbn=978-3-540-76013-9
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8539	Identification of Multivariable Industrial Processes	Yucai Zhu, Ton Backx	Control; Manufacturing, Machines, Tools; Computer Hardware; Software Engineering/Programming and Operating Systems; Organization/Planning	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-2060-5
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8607	Application-Driven Architecture Synthesis	Francky Catthoor, Lars Svensson	Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering; Processor Architectures	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6425-2
8608	VHDL'92	Jean-Michel Bergé, Alain Fonkoua, Serge Maginot, Jacques Rouillard	Circuits and Systems; Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering; Systems Theory, Control; Programming Languages, Compilers, Interpreters	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6427-6
8609	Hot-Carrier Reliability of MOS VLSI Circuits	Yusuf Leblebici, Sung-Mo (Steve) Kang	Circuits and Systems; Electrical Engineering	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6429-0
8610	Computer-Aided Design of Analog Circuits and Systems	L. Richard Carley, Ronald S. Gyurcsik	Circuits and Systems; Electrical Engineering; Signal, Image and Speech Processing	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6430-6
8611	Analog Interfaces for Digital Signal Processing Systems	Frank Op't Eynde, Willy Sansen	Circuits and Systems; Electrical Engineering; Signal, Image and Speech Processing	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6432-0
8612	Computer-Aided Verification	Robert Kurshan	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6579-2
8613	Analog CMOS Filters for Very High Frequencies	Bram Nauta	Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6591-4
8614	Analog VLSI Neural Networks	Yoshiyasu Takefuji	Circuits and Systems; Electrical Engineering; Statistical Physics, Dynamical Systems and Complexity; Signal, Image and Speech Processing	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6592-1
8615	Wavelet Theory and Its Applications	Randy K. Young	Circuits and Systems; Signal, Image and Speech Processing; Electrical Engineering; Mathematics, general	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6593-8
8616	Space Robotics: Dynamics and Control	Yangsheng Xu, Takeo Kanade	Control, Robotics, Mechatronics; Electrical Engineering; Automotive Engineering	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6595-2
8617	Investigating Explanation-Based Learning	Gerald DeJong	Artificial Intelligence (incl. Robotics)	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6600-3
8618	Mathematics of Multidimensional Fourier Transform Algorithms	Richard Tolimieri, Myoung An, Chao Lu	Communications Engineering, Networks; Algorithm Analysis and Problem Complexity	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4684-0207-0
8619	Modern Inertial Technology	Anthony Lawrence	Automotive Engineering; Control, Robotics, Mechatronics	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4684-0446-3
8620	The Mechanics of Solder Alloy Wetting and Spreading	F. G. Yost, F. M. Hosking, D. R. Frear	Circuits and Systems; Control Structures and Microprogramming; Manufacturing, Machines, Tools; Electrical Engineering	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4684-1442-4
8621	High Definition Television	NHK Science and Technical Research Laboratories	Circuits and Systems; Electrical Engineering; Signal, Image and Speech Processing	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4684-6538-9
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8625	Algorithms for VLSI Physical Design Automation	Naveed A. Sherwani	Electrical Engineering	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4757-2221-5

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8627	High-Performance CMOS Continuous-Time Filters	José Silva-Martínez, Michiel Steyaert, Willy Sansen	Circuits and Systems; Electrical Engineering; Signal, Image and Speech Processing	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5136-6
8628	Applications of Finite Fields	Ian F. Blake, XuHong Gao, Ronald C. Mullin, Scott A. Vanstone, Tomik Yaghoobian	Electrical Engineering; Discrete Mathematics in Computer Science; Coding and Information Theory	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5130-4
8629	Synchronous Programming of Reactive Systems	Nicolas Halbwachs	Special Purpose and Application-Based Systems; Programming Languages, Compilers, Interpreters; Operating Systems; Theory of Computation	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5133-5
8630	Artificial Neural Networks	N. B. Karayiannis, A. N. Venetsanopoulos	Circuits and Systems; Statistical Physics, Dynamical Systems and Complexity; Signal, Image and Speech Processing; Electrical Engineering	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4419-5132-8
8631	Power Electronics Semiconductor Switches	R. S. Ramshaw	Electrical Engineering	1993	http://link.springer.com/openurl?genre=book&isbn=978-0-412-28870-8
8632	An Introduction to Photonic Switching Fabrics	H. Scott Hinton, J. R. Erickson, T. J. Cloonan, F. A. P. Tooley, F. B. McCormick, A. L. Lentine	Electrical Engineering; Computer Communication Networks	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4757-9173-0
8633	Fuzzy Sets and Interactive Multiobjective Optimization	Masatoshi Sakawa	Mathematics, general; Computer Science, general	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4899-1635-8
8634	Liquid Crystal Flat Panel Displays	William C. O'Mara	Circuits and Systems; Electrical Engineering	1993	http://link.springer.com/openurl?genre=book&isbn=978-1-4899-2701-9
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8637	Advances in Baking Technology	Basil S. Kamel, Clyde E. Stauffer	Operating Procedures, Materials Treatment	1993	http://link.springer.com/openurl?genre=book&isbn=978-0-7514-0055-7
8638	New Approaches and Concepts in Turbulence	Themistocles Dracos, Arkady Tsinober	Engineering Fluid Dynamics; Analysis; Applications of Mathematics; Science, general	1993	http://link.springer.com/openurl?genre=book&isbn=978-3-0348-9691-7
8639	Supercomputers and Their Performance in Computational Fluid Dynamics	Kozo Fujii	Computer Science, general	1993	http://link.springer.com/openurl?genre=book&isbn=978-3-528-07637-5
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8641	Multiblock Grid Generation	Nigel P. Weatherill, Michael J. Marchant, D. A. King	Engineering, general	1993	http://link.springer.com/openurl?genre=book&isbn=978-3-528-07644-3
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8647	RoManSy 9	A. Morecki, G. Bianchi, K. Jaworek		1993	http://link.springer.com/openurl?genre=book&isbn=978-3-540-19834-5
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8651	Computer Assisted Radiology / Computergestützte Radiologie	Heinz U. Lemke, Kiyonari Inamura, C. Carl Jaffe, Roland Felix	Biomedical Engineering; Software Engineering/Programming and Operating Systems; Imaging / Radiology; Health Informatics; Computer Appl. in Life Sciences; Biophysics and Biological Physics	1993	http://link.springer.com/openurl?genre=book&isbn=978-3-642-49353-9
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8714	Real-Time Systems Engineering and Applications	Michael Schiebe, Saskia Pferrer	Special Purpose and Application-Based Systems; Operating Systems; Electrical Engineering; Computer Science, general	1992	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-9196-8
8715	Public Data Networks	Josef Pužman, Boris Kubín	Communications Engineering, Networks; Input/Output and Data Communications; Computer Communication Networks	1992	http://link.springer.com/openurl?genre=book&isbn=978-3-540-19580-1
8716	Solar Energy Thermal Technology	Brian Norton	Energy Economics; Power Electronics, Electrical Machines and Networks; Manufacturing, Machines, Tools	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-1744-5
8717	Numerical Modelling of Material Deformation Processes	Peter Hartley, Ian Pillinger, Clive Sturgess	Mechanical Engineering; Manufacturing, Machines, Tools; Characterization and Evaluation of Materials	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-1747-6
8718	Cardiovascular Biomaterials	Garth W. Hastings	Biomedical Engineering; Cardiac Surgery; Vascular Surgery; Characterization and Evaluation of Materials	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-1849-7
8719	Cure of Thermosetting Resins	J.-W. Vergnaud, J. Bouzon	Manufacturing, Machines, Tools; Polymer Sciences; Operating Procedures, Materials Treatment; Characterization and Evaluation of Materials; Industrial Chemistry/Chemical Engineering	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-1917-3
8720	Parallel Processing in Digital Control	D. Fabian Garcia Nocetti, Peter J. Fleming	Control; Engineering Economics, Organization, Logistics, Marketing; Artificial Intelligence (incl. Robotics)	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-1947-0
8721	Parallel Processing for Jet Engine Control	Haydn A. Thompson	Control; Aerospace Technology and Astronautics; Computer Hardware; Software Engineering/Programming and Operating Systems; Complexity	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-1974-6
8722	Rotordynamics '92	Michael J. Goodwin	Engineering Design; Mechanics; Machinery and Machine Elements	1992	http://link.springer.com/openurl?genre=book&isbn=978-3-540-19754-6
8723	Offshore Structures	Günther Clauss, Eike Lehmann, Carsten Østergaard	Building Construction; Oceanography	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-3195-3
8724	Model Order Reduction Techniques with Applications in Electrical Engineering	L. Fortuna, G. Nunnari, A. Gallo	Control; Appl.Mathematics/Computational Methods of Engineering; Engineering Design	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4471-3200-4
8725	AutoCAD Express	Timothy J. McCarthy	Engineering Design; Computer-Aided Engineering (CAD, CAE) and Design; Construction Management	1992	http://link.springer.com/openurl?genre=book&isbn=978-3-540-19748-5
8726	Advances in Hypersonics	John J. Bertin, Jacques Periaux, Josef Ballmann	Aerospace Technology and Astronautics; Science, general	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4612-6732-4
8727	Advances in Hypersonics	John J. Bertin, Jacques Periaux, Josef Ballmann	Aerospace Technology and Astronautics; Science, general	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4612-6734-8
8728	Quattro Pro® for Scientific and Engineering Spreadsheets	Robert G. Parks	Complexity; Computer-Aided Engineering (CAD, CAE) and Design; Health Informatics; Computer Appl. in Life Sciences; Mathematical and Computational Biology; Statistics for Life Sciences, Medicine, Health Sciences	1992	http://link.springer.com/openurl?genre=book&isbn=978-0-387-97636-5
8729	Algebraic Methods for Signal Processing and Communications Coding	Richard E. Blahut	Communications Engineering, Networks	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4612-7687-6

8730	The Industrial Laser Handbook	David Belforte, Morris Levitt	Engineering Economics, Organization, Logistics, Marketing; Engineering, general; Control, Robotics, Mechatronics	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4612-7707-1
8731	Electromagnetic Devices for Motion Control and Signal Processing	Yuly M. Pulyer	Electronics and Microelectronics, Instrumentation	1992	http://link.springer.com/openurl?genre=book&isbn=978-0-387-97827-7
8732	Analysis of Material Removal Processes	Warren R. DeVries	Mechanics; Organization/Planning; Characterization and Evaluation of Materials	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4612-8759-9
8733	Lateral Electromagnetic Waves	Ronold W. P. King, Margaret Owens, Tai Tsun Wu	Communications Engineering, Networks	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-9176-0
8734	Guidelines for Sensory Analysis in Food Product Development and Quality Control	David H. Lyon, Mariko A. Francombe, Terry A. Hasdell, Ken Lawson	Quality Control, Reliability, Safety and Risk; Food Science	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-5825-1
8735	Morphological Image Processing: Architecture and VLSI design	Petrus Paulus Jonker	Circuits and Systems; Image Processing and Computer Vision; Electrical Engineering; Signal, Image and Speech Processing	1992	http://link.springer.com/openurl?genre=book&isbn=978-90-201-2766-9
8736	Developments in Partial Differential Equations and Applications to Mathematical Physics	G. Buttazzo, G. P. Galdi, L. Zanghirati	Appl. Mathematics/Computational Methods of Engineering; Theoretical, Mathematical and Computational Physics	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6322-4
8737	An Introduction to Trenchless Technology	Steven R. Kramer, William J. McDonald, James C. Thomson	Geoengineering, Foundations, Hydraulics; Geotechnical Engineering & Applied Earth Sciences; Geology	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6334-7
8738	Controlling Radiated Emissions by Design	Michel Mardiguian	Circuits and Systems; Electrical Engineering	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6356-9
8739	Data Communications Principles	Richard D. Gitlin, Jeremiah F. Hayes, Stephen B. Weinstein	Electrical Engineering; Computer Communication Networks	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6448-1
8740	Simulation of Communication Systems	Michel C. Jeruchim, Philip Balaban, K. Sam Shanmugan	Electrical Engineering; Computer Communication Networks; Complexity	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6451-1
8741	Laser Interaction and Related Plasma Phenomena	George H. Miley, Heinrich Hora	Electrical Engineering; Nuclear Physics, Heavy Ions, Hadrons; Classical Continuum Physics; Nuclear Engineering	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6464-1
8742	Review of Progress in Quantitative Nondestructive Evaluation	Donald O. Thompson, Dale E. Chimenti	Electrical Engineering; Optical and Electronic Materials; Characterization and Evaluation of Materials	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6474-0
8743	Economics of Advanced Manufacturing Systems	Hamid R. Parsaei, Anil Mital	Engineering Design; Economics general	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6542-6
8744	VHDL Designer's Reference	Jean-Michel Bergé, Alain Fonkoua, Serge Maginot, Jacques Rouillard	Circuits and Systems; Electrical Engineering; Computer Hardware	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6551-8
8745	Teacher's Manual for Building Construction and Design	James Ambrose	Building Construction; Biomedicine general	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6565-5
8746	Solder Paste in Electronics Packaging	Jennie S. Hwang	Circuits and Systems; Industrial and Production Engineering; Electrical Engineering; Science, general	1992	http://link.springer.com/openurl?genre=book&isbn=978-0-442-01353-0
8747	Fine Pitch Surface Mount Technology	Phil P. Marcoux	Circuits and Systems; Control Structures and Microprogramming; Manufacturing, Machines, Tools; Electrical Engineering	1992	http://link.springer.com/openurl?genre=book&isbn=978-0-442-00862-8
8748	Electronic CAD Frameworks	Timothy J. Barnes, David Harrison, A. Richard Newton, Rick L. Spickelmier	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6580-8

8749	VHDL for Simulation, Synthesis and Formal Proofs of Hardware	Jean Mermet	Circuits and Systems; Electrical Engineering; Computer Hardware	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6582-2
8750	Sequence Detection for High-Density Storage Channels	Jaekyun Moon, L. Richard Carley	Circuits and Systems; Electrical Engineering; Signal, Image and Speech Processing	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6583-9
8751	Qualitative Motion Understanding	Wilhelm Burger, Bir Bhanu	Computer Imaging, Vision, Pattern Recognition and Graphics; Artificial Intelligence (incl. Robotics); Control, Robotics, Mechatronics; Image Processing and Computer Vision	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6584-6
8752	Intelligent Robotic Systems: Theory, Design and Applications	Kimon P. Valavanis, George N. Saridis	Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics); Electrical Engineering; Statistical Physics, Dynamical Systems and Complexity	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6585-3
8753	Anatomy of a Silicon Compiler	Robert W. Brodersen	Circuits and Systems; Electrical Engineering; Signal, Image and Speech Processing	1992	http://link.springer.com/openurl?genre=book&isbn=978-0-7923-9249-1
8754	Field-Programmable Gate Arrays	Stephen D. Brown, Robert J. Francis, Jonathan Rose, Zvonko G. Vranesic	Computer-Aided Engineering (CAD, CAE) and Design; Electrical Engineering	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6587-7
8755	A General Model of Legged Locomotion on Natural Terrain	David J. Manko	Control, Robotics, Mechatronics; Artificial Intelligence (incl. Robotics); Electrical Engineering	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6588-4
8756	The SECD Microprocessor	Brian T. Graham	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design; Computing Methodologies	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6589-1
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8761	Fault Covering Problems in Reconfigurable VLSI Systems	Ran Libeskind-Hadas, Nany Hasan, Jason Cong, Philip K. McKinley, C. L. Liu	Electrical Engineering; Processor Architectures	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6606-5
8762	Multidimensional Processing of Video Signals	Giovanni L. Sicuranza, Sanjit K. Mitra	Circuits and Systems; Signal, Image and Speech Processing; Electrical Engineering; Computer Imaging, Vision, Pattern Recognition and Graphics	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6607-2
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8768	Sequential Logic Synthesis	Pranav Ashar, Srinivas Devadas, A. Richard Newton	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6613-3
8769	Introduction to the Design of Transconductor-Capacitor Filters	Jaime E. Kardontchik	Circuits and Systems; Electrical Engineering; Signal, Image and Speech Processing	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6614-0
8770	The Synthesis Approach to Digital System Design	Petra Michel, Ulrich Lauther, Peter Duzy	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6615-7
8771	Intelligent Robotic Systems for Space Exploration	Alan A. Desrochers	Control, Robotics, Mechatronics; Electrical Engineering; Artificial Intelligence (incl. Robotics)	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6616-4
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8773	An Introduction to Fuzzy Logic Applications in Intelligent Systems	Ronald R. Yager, Lotfi A. Zadeh	Artificial Intelligence (incl. Robotics); Mathematical Logic and Foundations; Control, Robotics, Mechatronics	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6619-5
8774	Neural Network Parallel Computing	Yoshiyasu Takefuji	Circuits and Systems; Statistical Physics, Dynamical Systems and Complexity; Electrical Engineering; Computer Science, general	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6620-1
8775	Sequential Logic Testing and Verification	Abhijit Ghosh, Srinivas Devadas, A. Richard Newton	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6622-5
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8778	Optical Signal Processing	M. A. Fiddy, M. Nieto-Vesperinas	Signal, Image and Speech Processing; Optics, Optoelectronics, Plasmonics and Optical Devices; Electrical Engineering; Physics, general	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6791-8
8779	Third Generation Wireless Information Networks	Sanjiv Nanda, David J. Goodman	Electrical Engineering; Computer Communication Networks	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6794-9
8780	Optimal VLSI Architectural Synthesis	Catherine H. Gebotys, Mohamed I. Elmasry	Circuits and Systems; Electrical Engineering; Computer-Aided Engineering (CAD, CAE) and Design	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4613-6797-0
8781	An Introduction to Trenchless Technology	Steven R. Kramer, William J. McDonald, James C. Thomson	Geoengineering, Foundations, Hydraulics; Geotechnical Engineering & Applied Earth Sciences; Science, general	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4615-7298-5
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8789	A Guide to VHDL	Stanley Mazor, Patricia Langstraat	Circuits and Systems; Electrical Engineering; Computer Hardware	1992	http://link.springer.com/openurl?genre=book&isbn=978-1-4757-2116-4
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8812	System Modelling and Optimization	L. D. Davisson, A. G. J. MacFarlane, H. Kwakernaak, J. L. Massey, Ya Z. Tsytkin, A. J. Viterbi, Peter Kall	Appl.Mathematics/Computational Methods of Engineering; Software Engineering/Programming and Operating Systems	1992	http://link.springer.com/openurl?genre=book&isbn=978-3-540-55577-3
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8822	Current Topics in Biomedical Research	Reinhard Kurth, Walter K. Schwerdtfeger	Biomedical Engineering	1992	http://link.springer.com/openurl?genre=book&isbn=978-3-642-77081-4
8823	Degradation Phenomena on Polymeric Biomaterials	Heinrich Planck, Martin Dauner, Monika Renardy	Biomedical Engineering; Polymer Sciences; Surgical Orthopedics; Characterization and Evaluation of Materials	1992	http://link.springer.com/openurl?genre=book&isbn=978-3-642-77565-9
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9139	Boundary Element Methods in Engineering	Balkrishna S. Annigeri, Kadin Tseng	Engineering Fluid Dynamics; Mechanics; Thermodynamics; Engineering, general	1990	http://link.springer.com/openurl?genre=book&isbn=978-3-642-84240-5
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