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267	Gain-Cell Embedded DRAMs for Low-Power VLSI Systems-on-Chip	Pascal Meinerzhagen, Adam Teman, Robert Gitterman, Noa Edri, Andreas Burg, Alexander Fish
268	Building Performance Evaluation	Wolfgang F.E. Preiser, Andrea E. Hardy, Ulrich Schramm
269	Advances in Human Factors and Systems Interaction	Isabel L. Nunes
270	New Hybrid Intelligent Systems for Diagnosis and Risk Evaluation of Arterial Hypertension	Patricia Melin, German Prado-Arechiga
271	Personal Assistants: Emerging Computational Technologies	Angelo Costa, Vicente Julian, Paulo Novais
272	Advances in Computational Intelligence Systems	Fei Chao, Steven Schockaert, Qingfu Zhang
273	Proceedings of the Eighth International Conference on Soft Computing and Pattern Recognition (SoCPaR 2016)	Ajith Abraham, Aswani Kumar Cherukuri, Ana Maria Madureira, Azah Kamilah Muda
274	Advances in Neuroergonomics and Cognitive Engineering	Carryl Baldwin
275	Transactions on Intelligent Welding Manufacturing	Shanben Chen, Yuming Zhang, Zhili Feng
276	Advances in Human Factors, Sustainable Urban Planning and Infrastructure	Jerzy Charytonowicz

277	Information Systems Architecture and Technology: Proceedings of 38th International Conference on Information Systems Architecture and Technology – ISAT 2017	Zofia Wilimowska, Leszek Borzemski, Jerzy Świątek
278	Recent Advances in Nonlinear Dynamics and Synchronization	Kyandoghere Kyamakya, Wolfgang Mathis, Ruedi Stoop, Jean Chamberlain Chedjou, Zhong Li
279	Computational Kinematics	Saïd Zeghloul, Lotfi Romdhane, Med Amine Laribi
280	Proceedings of the 10th International Conference on Computer Recognition Systems CORES 2017	Marek Kurzynski, Michal Wozniak, Robert Burduk
281	Damping Optimization in Simplified and Realistic Disc Brakes	Jan-Hendrik Wehner, Dominic Jekel, Rubens Sampaio, Peter Hagedorn
282	Computational Approaches in the Transfer of Aesthetic Values from Paintings to Photographs	Xiaoyan Zhang, Martin Constable, Kap Luk Chan, Jinze Yu, Wang Junyan
283	Detox Fashion	Subramanian Senthilkannan Muthu
284	Towards Analytical Techniques for Optimizing Knowledge Acquisition, Processing, Propagation, and Use in Cyberinfrastructure and Big Data	L. Octavio Lerma, Vladik Kreinovich
285	Advances in Safety Management and Human Factors	Pedro Arezes
286	Green Intelligent Transportation Systems	Wuhong Wang, Klaus Bengler, Xiaobei Jiang
287	Advances in Artificial Systems for Medicine and Education	Zhengbing Hu, Sergey Petoukhov, Matthew He
288	An Isogeometric Approach to Beam Structures	Buntara S. Gan
289	Advances in Human Error, Reliability, Resilience, and Performance	Ronald Laurids Boring
290	International Joint Conference SOCO'17-CISIS'17-ICEUTE'17 León, Spain, September 6–8, 2017, Proceeding	Hilde Pérez García, Javier Alfonso-Cendón, Lidia Sánchez González, Héctor Quintián, Emilio Corchado

291	Advanced Optimization by Nature-Inspired Algorithms	Omid Bozorg-Haddad
292	Robust Perception from Optical Sensors for Reactive Behaviors in Autonomous Robotic Vehicles	Alexander Schaub
293	Self-Learning Optimal Control of Nonlinear Systems	Qinglai Wei, Ruizhuo Song, Benkai Li, Xiaofeng Lin
294	High-Resolution and High-Speed Integrated CMOS AD Converters for Low-Power Applications	Weitao Li, Fule Li, Zhihua Wang
295	Motion Control of Underactuated Mechanical Systems	Javier Moreno-Valenzuela, Carlos Aguilar-Avelar
296	Detox Fashion	Subramanian Senthilkannan Muthu
297	Advances in Neural Computation, Machine Learning, and Cognitive Research	Boris Kryzhanovsky, Witali Dunin-Barkowski, Vladimir Redko
298	Vegetable Oil based Bio-lubricants and Transformer Fluids	Dhoral Gnanasekaran, Venkata Prasad Chavidi
299	Man-Machine-Environment System Engineering	Shengzhao Long, Balbir S. Dhillon
300	Advances in Dependability Engineering of Complex Systems	Wojciech Zamojski, Jacek Mazurkiewicz, Jarosław Sugier, Tomasz Walkowiak, Janusz Kacprzyk
301	5G Wireless Systems	Yang Yang, Jing Xu, Guang Shi, Cheng-Xiang Wang
302	The Electric Century	J.B. Williams
303	Fog Computing in the Internet of Things	Amir M. Rahmani, Pasi Liljeberg, Jürge-Sören Preden, Axel Jantsch
304	Comprehensive Energy Management - Safe Adaptation, Predictive Control and Thermal Management	Daniel Watzenig, Bernhard Brandstätter

305	Fuzzy Control, Estimation and Diagnosis	Magdi S. Mahmoud
306	Proceedings of the 2nd Workshop on Communication Security	Marco Baldi, Elizabeth A. Quaglia, Stefano Tomasin
307	New Trends in Medical and Service Robots	Manfred Husty, Michael Hofbaur
308	Recent Developments and Achievements in Biocybernetics and Biomedical Engineering	Piotr Augustyniak, Roman Maniewski, Ryszard Tadeusiewicz
309	Advances in Fuzzy Logic and Technology 2017	Janusz Kacprzyk, Eulalia Szmidt, Slawomir Zadrozny, K. T. Atanassov, Maciej Krawczak
310	Advances in Internetworking, Data & Web Technologies	Leonard Barolli, Mingwu Zhang, Xu An Wang
311	Advances in Network-Based Information Systems	Leonard Barolli, Tomoya Enokido, Makoto Takizawa
312	Lecture Notes in Real-Time Intelligent Systems	Jolanta Mizera-Pietraszko, Pit Pichappan
313	Robotics in Education	Wilfried Lepuschitz, Munir Merdan, Gottfried Koppensteiner, Richard Balogh, David Obdržálek
314	Strain Gradient Plasticity-Based Modeling of Damage and Fracture	Emilio Martínez Pañeda
315	Linear and Non-linear Mechanical Behavior of Solid Materials	Christian LExcellent
316	Designing Impedance Networks Converters	Guidong Zhang, Bo Zhang, Zhong Li
317	Self-similarity in Walsh Functions and in the Farfield Diffraction Patterns of Radial Walsh Filters	Lakshminarayan Hazra, Pubali Mukherjee
318	Masters of the Structural Aesthetic	Derek Thomas
319	Multidimensional Analysis of Conversational Telephone Speech	Friedemann Köster

320	High Voltage Engineering	Andreas Küchler
321	Proceedings of 2nd International Conference on Micro-Electronics, Electromagnetics and Telecommunications	Suresh Chandra Satapathy, Vikrant Bhateja, P. Satish Rama Chowdary, V.V.S.S. Sameer Chakravarthy, Jaume Anguera
322	Constraint Programming and Decision Making: Theory and Applications	Martine Ceberio, Vladik Kreinovich
323	Information Technology - New Generations	Shahram Latifi
324	Advances in Usability and User Experience	Tareq Ahram, Christianne Falcão
325	Recent Trends in Information and Communication Technology	Faisal Saeed, Nadhmi Gazem, Srikanta Patnaik, Ali Saleh Saed Balaid, Fathey Mohammed
326	Fracture, Fatigue, Failure and Damage Evolution, Volume 7	Jay Carroll, Shuman Xia, Alison M. Beese, Ryan B. Berke, Garrett J Pataky
327	Industry 4.0: Managing The Digital Transformation	Alp Ustundag, Emre Cevikcan
328	Embedded System Design	Peter Marwedel
329	Complex Fluid-Flows in Microfluidics	Francisco José Galindo-Rosales
330	Formal System Verification	Rolf Drechsler
331	Information and Communication Technology for Intelligent Systems (ICTIS 2017) - Volume 1	Suresh Chandra Satapathy, Amit Joshi
332	Advanced Gear Engineering	Veniamin Goldfarb, Evgenii Trubachev, Natalya Barmina
333	Robotics Research	Antonio Bicchi, Wolfram Burgard

334	Information Loss in Deterministic Signal Processing Systems	Bernhard C. Geiger, Gernot Kubin
335	Essentials of Dynamics and Vibrations	John Billingsley
336	Advances in Human Factors in Cybersecurity	Denise Nicholson
337	Analysis and Control of Coupled Neural Networks with Reaction-Diffusion Terms	Jin-Liang Wang, Huai-Ning Wu, Tingwen Huang, Shun-Yan Ren
338	Gesture Recognition	Amit Konar, Sriparna Saha
339	Soft Computing Based Optimization and Decision Models	David A. Pelta, Carlos Cruz Corona
340	Lean Compendium	Bruno G. Rüttimann
341	IT Convergence and Security 2017	Kuinam J. Kim, Hyuncheol Kim, Nakhoon Baek
342	Advances in Social & Occupational Ergonomics	Richard H.M. Goossens
343	Proceedings of SAI Intelligent Systems Conference (IntelliSys) 2016	Yaxin Bi, Supriya Kapoor, Rahul Bhatia
344	Linguistic and Cultural Studies: Traditions and Innovations	Andrey Filchenko, Zhanna Anikina
345	Residual Stress, Thermomechanics & Infrared Imaging, Hybrid Techniques and Inverse Problems, Volume 8	Antonio Baldi, John M. Considine, Simon Quinn, Xavier Balandraud
346	Distributed Computing and Artificial Intelligence, 14th International Conference	Sigeru Omatu, Sara Rodríguez, Gabriel Villarrubia, Pedro Faria, Paweł Sitek, Javier Prieto
347	Industry Interactive Innovations in Science, Engineering and Technology	Swapan Bhattacharyya, Sabyasachi Sen, Meghamala Dutta, Papun Biswas, Himadri Chattopadhyay

348	Energy Harvesting for Self-Powered Wearable Devices	Mohammad Alhawari, Baker Mohammad, Hani Saleh, Mohammed Ismail
349	Advances in Human Factors in Simulation and Modeling	Daniel N. Cassenti
350	Micromechanics and Nanomechanics of Composite Solids	Shaker A. Meguid, George J Weng
351	Guide to Big Data Applications	S. Srinivasan
352	Proceedings of the Third International Afro-European Conference for Industrial Advancement — AECIA 2016	Ajith Abraham, Abdelkrim Haqiq, Aboul Ella Hassanien, Vaclav Snasel, Adel M. Alimi
353	On-line Condition Monitoring in Industrial Lubrication and Tribology	Nikolai K. Myshkin, Liubou V. Markova
354	Energy-Efficient Spectrum Management for Cognitive Radio Sensor Networks	Ju Ren, Ning Zhang, Xuemin (Sherman) Shen
355	Proceedings of the Eleventh International Conference on Management Science and Engineering Management	Jiuping Xu, Mitsuo Gen, Asaf Hajiyev, Fang Lee Cooke
356	Sustainable Rail Transport	Marin Marinov
357	Turbine Blade Investment Casting Die Technology	Dinghua Zhang, Yunyong Cheng, Ruisong Jiang, Neng Wan
358	Advanced Solutions in Diagnostics and Fault Tolerant Control	Jan M. Kościelny, Michał Syfert, Anna Sztyber
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363	Advances in Affective and Pleasurable Design	WonJoon Chung, Cliff Sungsoo Shin
364	Swarms and Network Intelligence in Search	Yaniv Altshuler, Alex Pentland, Alfred M. Bruckstein
365	Proceedings of the International Conference of Mechatronics and Cyber-MixMechatronics - 2017	Gheorghe I. Gheorghe
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368	Acoustics-A Textbook for Engineers and Physicists	Jerry H. Ginsberg
369	Modeling and Design of Flexible Pavements and Materials	Dallas N. Little, David H. Allen, Amit Bhasin
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372	Historic Indoor Microclimate of the Heritage Buildings	Marco Pretelli, Kristian Fabbri
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378	Antenna Design Solutions for RFID Tags Based on Metamaterial-Inspired Resonators and Other Resonant Structures	Simone Zuffanelli
379	Transdisciplinary Systems Engineering	Azad M. Madni
380	Sustainable Cloud and Energy Services	Wilson Rivera
381	Engineering Asset Management 2016	Ming J. Zuo, Lin Ma, Joseph Mathew, Hong-Zhong Huang
382	Energy-Efficient Smart Temperature Sensors in CMOS Technology	Kamran Souri, Kofi A.A. Makinwa
383	Human Factors and Reliability Engineering for Safety and Security in Critical Infrastructures	Fabio De Felice, Antonella Petrillo
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386	Soft Computing Applications	Valentina Emilia Balas, Lakhmi C. Jain, Marius Mircea Balas
387	Best Practices for the Use of Simulation in POD Curves Estimation	Bastien Chapuis, Pierre Calmon, Frédéric Jenson
388	Mechanics of Additive and Advanced Manufacturing, Volume 9	Junlan Wang, Bonnie Antoun, Eric Brown, Weinong Chen, Ioannis Chasiotis, Emily Huskins-Retzlaff, Charlotte Kramer, Piyush R. Thakre
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390	Languages, Design Methods, and Tools for Electronic System Design	Franco Fummi, Robert Wille
391	Dynamic Behavior of Materials, Volume 1	Jamie Kimberley, Leslie Lamberson, Steven Mates
392	Advancement of Optical Methods in Experimental Mechanics, Volume 3	Luciano Lamberti, Ming-Tzer Lin, Cosme Furlong, Cesar Sciammarella
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394	Designing Better Services	Francesca Foglieni, Beatrice Villari, Stefano Maffei
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396	Challenges in Mechanics of Time Dependent Materials, Volume 2	Alex Arzoumanidis, Meredith Silberstein, Alireza Amirkhizi
397	Micro and Nanomechanics, Volume 5	LaVern Starman, Jenny Hay
398	Mechanics of Composite and Multi-functional Materials, Volume 6	Piyush R Thakre, Raman Singh, Geoff Slipper
399	Computational Analysis of Sound Scenes and Events	Tuomas Virtanen, Mark D. Plumbley, Dan Ellis
400	Mechanics of Biological Systems, Materials and other topics in Experimental and Applied Mechanics, Volume 4	Pablo Zavattieri, Majid Minary, Martha Grady, Kathryn Dannemann, Wendy Crone
401	Quantum Computing:An Environment for Intelligent Large Scale Real Application	Aboul Ella Hassanien, Mohamed Elhoseny, Janusz Kacprzyk
402	Report of the Workshop Predictive Theoretical, Computational and Experimental Approaches for Additive Manufacturing (WAM 2016)	Xu Guo, Gengdong Cheng, Wing-Kam Liu
403	Advances in Soft Computing and Machine Learning in Image Processing	Aboul Ella Hassanien, Diego Alberto Oliva

404	Analysis and Simulation of Electrical and Computer Systems	Damian Mazur, Marek Gołębiowski, Mariusz Korkosz
405	Antenna Fundamentals for Legacy Mobile Applications and Beyond	Issa Elfergani, Abubakar Sadiq Hussaini, Jonathan Rodriguez, Raed Abd-Alhameed
406	Self-powered SoC Platform for Analysis and Prediction of Cardiac Arrhythmias	Hani Saleh, Nourhan Bayasi, Baker Mohammad, Mohammed Ismail
407	From Bench to Boardroom	Clifford L. Spiro
408	New Results in Numerical and Experimental Fluid Mechanics XI	Andreas Dillmann, Gerd Heller, Ewald Krämer, Claus Wagner, Stephan Bansmer, Rolf Radespiel, Richard Semaan
409	Stochastic Finite Element Methods	Vissarion Papadopoulos, Dimitris G. Giovanis
410	Application-Specific Hardware Architecture Design with VHDL	Bogdan Belean
411	Blast Waves	Charles E. Needham
412	Advances in Knowledge Discovery and Management	Bruno Pinaud, Fabrice Guillet, Bruno Cremilleux, Cyril de Runz
413	Fuzzy Dual Numbers	Felix Mora-Camino, Carlos Alberto Nunes Cosenza
414	Diagnostic Techniques in Industrial Engineering	Mangey Ram, J. Paulo Davim
415	Beyond Safety Training	Corinne Bieder, Claude Gilbert, Benoît Journé, Hervé Laroche
416	Advanced Computing in Industrial Mathematics	Krassimir Georgiev, Michail Todorov, Ivan Georgiev

417	Uncertainty and Imprecision in Decision Making and Decision Support: Cross-Fertilization, New Models and Applications	Krassimir T. Atanassov, Janusz Kacprzyk, Andrzej Kałuszek, Maciej Krawczak, Jan Owsinski, Sotir Sotirov, Evdokia Sotirova, Eulalia Szmidt, Sławomir Zadrozny
418	Problems & Solutions in Inventory Management	Dinesh Shenoy, Roberto Rosas
419	Memristor Technology: Synthesis and Modeling for Sensing and Security Applications	Heba Abunahla, Baker Mohammad
420	Asymptotical Mechanics of Composites	Igor V. Andrianov, Jan Awrejcewicz, Vladyslav V. Danishevskyy
421	Recent Developments in Mechatronics and Intelligent Robotics	Feng Qiao, Srikanta Patnaik, John Wang
422	Classification in BioApps	Nilanjan Dey, Amira S. Ashour, Surekha Borra
423	Saturated Control of Linear Systems	Abdellah Benzaouia, Fouad Mesquine, Mohamed Benhayoun
424	Machine Learning for the Quantified Self	Mark Hoogendoorn, Burkhardt Funk
425	Intelligent Distributed Computing XI	Mirjana Ivanović, Costin Bădică, Jürgen Dix, Zoran Jovanović, Michele Malgeri, Miloš Savić
426	Carbon	Tapan Gupta
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431	Low-Power Design and Power-Aware Verification	Progyna Khondkar
432	Modeling with Rules Using Semantic Knowledge Engineering	Grzegorz J. Nalepa
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435	Advances in Hybridization of Intelligent Methods	Ioannis Hatzilygeroudis, Vasile Palade
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437	Organizational Behaviour and Human Resource Management	Carolina Machado, J. Paulo Davim
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440	Advances in Culturally-Aware Intelligent Systems and in Cross-Cultural Psychological Studies	Colette Faucher
441	International Conference on Applications and Techniques in Cyber Security and Intelligence	Jemal Abawajy, Kim-Kwang Raymond Choo, Rafiqul Islam
442	Global Satellite Meteorological Observation (GSMO) Theory	Stojče Dimov Ilčev
443	Micro and Nanomanufacturing Volume II	Mark J. Jackson, Waqar Ahmed
444	Fuzzy Logic in Intelligent System Design	Patricia Melin, Oscar Castillo, Janusz Kacprzyk, Marek Reformat, William Melek

445	Nonlinear Systems and Circuits in Internal Combustion Engines	Ferdinando Taglialatela-Scafati, Mario Lavorgna, Ezio Mancaruso, Bianca Maria Vaglieco
446	Viscoelastic Properties of Asphalts Based on Penetration and Softening Point	Boris Radovskiy, Bagdat Teltayev
447	Field and Service Robotics	Marco Hutter, Roland Siegwart
448	Modern Functional Evaluation Methods for Muscle Strength and Gait Analysis	Andrea Ancillao
449	Experimental Vibration Analysis for Civil Structures	Joel P. Conte, Rodrigo Astroza, Gianmario Benzoni, Glauco Feltrin, Kenneth J. Loh, Babak Moaveni
450	Computational Statics Revision Course	Zia Javanbakht, Andreas Öchsner
451	Evolution of Artificial Neural Development	Gul Muhammad Khan
452	Observer-Based Fault Estimation Techniques	Ke Zhang, Bin Jiang, Peng Shi, Vincent Cocquempot
453	Computer Vision in Control Systems-3	Margarita N. Favorskaya, Lakhmi C. Jain
454	Advances in Biomedical Informatics	Dawn E. Holmes, Lakhmi C. Jain
455	Pumps as Turbines	Armando Carravetta, Shahram Derakhshan Houreh, Helena M. Ramos
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458	Nature-Inspired Algorithms and Applied Optimization	Xin-She Yang

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460	Handheld Total Chemical and Biological Analysis Systems	Ka-Meng Lei, Pui-In Mak, Man-Kay Law, Rui Paulo Martins
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462	Foundations of Circulation Control Based Small-Scale Unmanned Aircraft	Konstantinos Kanistras, Kimon P. Valavanis, Matthew J. Rutherford
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464	Mobile Big Data	Georgios Skourletopoulos, George Mastorakis, Constandinos X. Mavromoustakis, Ciprian Dobre, Evangelos Pallis
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466	Brain-Machine Interface	Xilin Liu, Jan Van der Spiegel
467	Advances in Data Analysis with Computational Intelligence Methods	Adam E Gawęda, Janusz Kacprzyk, Leszek Rutkowski, Gary G. Yen
468	Inspired by Nature	Susan Stepney, Andrew Adamatzky
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470	Introduction to Averaging Dynamics over Networks	Fabio Fagnani, Paolo Frasca
471	Biomaterials in Clinical Practice	Fatima Zivic, Saverio Affatato, Miroslav Trajanovic, Matthias Schnabelrauch, Nenad Grujovic, Kwang Leong Choy
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476	Proceedings of the Second International Scientific Conference “Intelligent Information Technologies for Industry” (IITI’17)	Ajith Abraham, Sergey Kovalev, Valery Tarassov, Vaclav Snasel, Margreta Vasileva, Andrey Sukhanov
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479	Emerging Ideas on Information Filtering and Retrieval	Cristian Lai, Alessandro Giuliani, Giovanni Semeraro
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481	Signal Quality Assessment in Physiological Monitoring	Christina Orphanidou
482	Characteristics and Control of Low Temperature Combustion Engines	Rakesh Kumar Maurya
483	Proceedings of the Fourth Euro-China Conference on Intelligent Data Analysis and Applications	Pavel Krömer, Enrique Alba, Jeng-Shyang Pan, Václav Snášel
484	Advances in Manufacturing	Adam Hamrol, Olaf Cizak, Stanisław Legutko, Mieczysław Jurczyk
485	Macroergonomics for Manufacturing Systems	Arturo Realvásquez Vargas, Aide Aracely Maldonado-Macias, Jorge Luis García-Alcaraz

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491	ICT Innovations 2016	Georgi Stojanov, Andrea Kulakov
492	Advance Compression and Watermarking Technique for Speech Signals	Rohit Thanki, Komal Borisagar, Surekha Borra
493	Advances in Intelligent Systems and Interactive Applications	Fatos Xhafa, Srikanta Patnaik, Albert Y. Zomaya
494	Advanced Information Technology, Services and Systems	Mostafa Ezziyyani, Mohamed Bahaj, Faddoul Khoukhi
495	Digging into Software Knowledge Generation in Cultural Heritage	Patricia Martin-Rodilla
496	Critical Infrastructures, Key Resources, Key Assets	Adrian V. Gheorghe, Dan V. Vamanu, Polinpapilinho F. Katina, Roland Pulfer
497	Trends and Applications in Software Engineering	Jezreel Mejia, Mirna Muñoz, Álvaro Rocha, Yadira Quiñonez, Jose Calvo-Manzano
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503	Advances on P2P, Parallel, Grid, Cloud and Internet Computing	Fatos Xhafa, Santi Caballé, Leonard Barolli
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506	Canonical Instabilities of Autonomous Vehicle Systems	Rodrick Wallace
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509	Innovations in Biomedical Engineering	Marek Gzik, Ewaryst Tkacz, Zbigniew Paszenda, Ewa Piętka
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512	From Content-based Music Emotion Recognition to Emotion Maps of Musical Pieces	Jacek Grekow
513	Advances in Smart Vehicular Technology, Transportation, Communication and Applications	Jeng-Shyang Pan, Tsu-Yang Wu, Yong Zhao, Lakhmi C. Jain
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533	Information and Communication Technology for Sustainable Development	Durgesh Kumar Mishra, Malaya Kumar Nayak, Amit Joshi
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535	Formal Methods for Safety and Security	Manju Nanda, Yogananda Jeppu
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545	Advances in Electronics, Communication and Computing	Akhtar Kalam, Swagatam Das, Kalpana Sharma

546	Computational Ship Design	Myung-II Roh, Kyu-Yeul Lee
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550	Proceedings of International Conference on Cognition and Recognition	D. S. Guru, T. Vasudev, H.K. Chethan, Y.H. Sharath Kumar
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552	Applications of Fluid Dynamics	M.K. Singh, B.S. Kushvah, G.S. Seth, J. Prakash
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560	Sound in the Time Domain	Mikio Tohyama
561	Variety of Development	Qiushi Feng
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570	Proceedings of 2017 Chinese Intelligent Automation Conference	Zhidong Deng
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572	Proceedings of 2017 Chinese Intelligent Systems Conference	Yingmin Jia, Junping Du, Weicun Zhang
573	Proceedings of 2017 Chinese Intelligent Systems Conference	Yingmin Jia, Junping Du, Weicun Zhang
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575	EM Material Characterization Techniques for Metamaterials	Raveendranath U. Nair, Maumita Dutta, Mohammed Yazeen P.S., K. S. Venu
576	Proceedings of the 7th International Conference on Emerging Databases	Wookey Lee, Wonik Choi, Sungwon Jung, Min Song
577	Analytical Modelling of Breakdown Effect in Graphene Nanoribbon Field Effect Transistor	Iraj Sadegh Amiri, Mahdiar Ghadiry
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782	Fuzzy Logic Augmentation of Neural and Optimization Algorithms: Theoretical Aspects and Real Applications	Oscar Castillo, Patricia Melin, Janusz Kacprzyk
783	Predicting Flow-Induced Acoustics at Near-Stall Conditions in an Automotive Turbocharger Compressor	Roberto Navarro García
784	Mass and Energy Balances	Seyed Ali Ashrafizadeh, Zhongchao Tan
785	Interfacial Phenomena on Biological Membranes	Manoranjan Arakha, Suman Jha
786	Bone Adaptation	Yoshitaka Kameo, Ken-ichi Tsubota, Taiji Adachi
787	Advances in Fire and Process Safety	N. A. Siddiqui, S. M. Tauseef, S. A. Abbasi, Ali S. Rangwala
788	Mechatronics for Cultural Heritage and Civil Engineering	Erika Ottaviano, Assunta Pelliccio, Vincenzo Gattulli
789	Recent Advances on Soft Computing and Data Mining	Rozaida Ghazali, Mustafa Mat Deris, Nazri Mohd Nawi, Jemal H. Abawajy
790	Progress in Lean Manufacturing	J. Paulo Davim
791	Axial Turbine Aerodynamics for Aero-engines	Zhengping Zou, Songtao Wang, Huoxing Liu, Weihao Zhang
792	Design Aids of Offshore Structures Under Special Environmental Loads including Fire Resistance	Srinivasan Chandrasekaran, Gaurav Srivastava
793	Foundations of Trusted Autonomy	Hussein A. Abbass, Jason Scholz, Darryn J. Reid
794	Rotor and Structural Dynamics of Turbomachinery	Raj Subbiah, Jeremy Eli Littleton

795	Applied Sciences in Graphic Communication and Packaging	Pengfei Zhao, Yun Ouyang, Min Xu, Li Yang, Yuhui Ren
796	Recent Advances in Learning Automata	Alireza Rezvanian, Ali Mohammad Saghiri, Seyed Mehdi Vahidipour, Mehdi Esnaashari, Mohammad Reza Meybodi
797	Visual Knowledge Discovery and Machine Learning	Boris Kovalerchuk
798	Equivalent Stress Concept for Limit State Analysis	Vladimir A. Kolupaev
799	Point Processes for Reliability Analysis	Ji Hwan Cha, Maxim Finkelstein
800	Creep and Hygrothermal Effects in Concrete Structures	Zdeněk P. Bažant, Milan Jirásek
801	Proceedings of the International Conference on Intelligent Systems and Signal Processing	Rahul Kher, Dr. Nikhil Gondaliya, Mukesh Bhesaniya, Latif Ladid, Mohammed Atiquzzaman
802	Use of Extraterrestrial Resources for Human Space Missions to Moon or Mars	Donald Rapp
803	Intelligent Computing and Information and Communication	Subhash Bhalla, Vikrant Bhateja, Anjali A. Chandavale, Anil S. Hiwale, Suresh Chandra Satapathy
804	Aortic Dissection: Simulation Tools for Disease Management and Understanding	Mona Alimohammadi
805	Performance gaps of machines	Wilhelm Nüßer, Thilo Steckel
806	Web Microanalysis of Big Image Data	Peter Bajcsy, Joe Chalfoun, Mylene Simon
807	Automated Validation & Verification of UML/OCL Models Using Satisfiability Solvers	Nils Przigoda, Robert Wille, Judith Przigoda, Rolf Drechsler
808	Carl von Clausewitz, the Fog-of-War, and the AI Revolution	Rodrick Wallace

809	FluSHELL – A Tool for Thermal Modelling and Simulation of Windings for Large Shell-Type Power Transformers	Hugo Campelo
810	Reliability and Statistics in Transportation and Communication	Igor Kabashkin, Irina Yatskiv, Olegas Prentkovskis
811	Experimental and Kinetic Modeling Study of Cyclohexane and Its Mono-alkylated Derivatives Combustion	Zhandong Wang
812	Design, Analysis and Application of Magnetless Doubly Salient Machines	Christopher H. T. Lee
813	Finite Element Applications	Michael Okereke, Simeon Keates
814	Introduction to Distributed Computer Systems	Ludwik Czaja
815	Human Language Technologies for Under-Resourced African Languages	Moses Effiong Ekpenyong
816	Engineering Applications for New Materials and Technologies	Andreas Öchsner
817	Motivation of Workers on Microtask Crowdsourcing Platforms	Babak Naderi
818	Miles' Equation in Random Vibrations	Jaap Wijker
819	The International Conference on Advanced Machine Learning Technologies and Applications (AMLTA2018)	Aboul Ella Hassanien, Mohamed F. Tolba, Mohamed Elhoseny, Mohamed Mostafa
820	Microelectronics, Electromagnetics and Telecommunications	Jaume Anguera, Suresh Chandra Satapathy, Vikrant Bhateja, K.V.N. Sunitha
821	Distributed Transmission-Distribution Coordinated Energy Management Based on Generalized Master-Slave Splitting Theory	Zhengshuo Li
822	Simulating Nonlinear Circuits with Python Power Electronics	Shivkumar V. Iyer
823	Network Coding and Subspace Designs	Marcus Greferath, Mario Osvin Pavčević, Natalia Silberstein, María Ángeles Vázquez-Castro

824	SDN and NFV Security	Rahamatullah Khondoker
825	Embodied Carbon in Buildings	Francesco Pomponi, Catherine De Wolf, Alice Moncaster
826	Nonlinear Approaches in Engineering Applications	Liming Dai, Reza N. Jazar
827	Advanced Technologies, Systems, and Applications II	Mirsad Hadžikadić, Samir Avdaković
828	AeroStruct: Enable and Learn How to Integrate Flexibility in Design	Ralf Heinrich
829	Practical Information Security	Izzat Alsmadi, Robert Burdwell, Ahmed Aleroud , Abdallah Wahbeh, Mahmoud Al-Qudah, Ahmad Al-Omari
830	Advanced Technologies for the Rehabilitation of Gait and Balance Disorders	Giorgio Sandrini, Volker Homberg, Leopold Saltuari, Nicola Smania, Alessandra Pedrocchi
831	Land Subsidence Induced by the Engineering-Environmental Effect	Zhen-Dong Cui
832	Cyber Physical Computing for IoT-driven Services	Vladimir Hahanov
833	Service Orientation in Holonic and Multi-Agent Manufacturing	Theodor Borangiu, Damien Trentesaux, André Thomas, Olivier Cardin
834	Modeling and Simulation in HPC and Cloud Systems	Joanna Kołodziej, Florin Pop, Ciprian Dobre
835	New Trends in E-service and Smart Computing	Tokuro Matsuo, Tsunenori Mine, Sachio Hirokawa
836	Testing and Characterization of Sustainable Innovative Bituminous Materials and Systems	Manfred N. Partl, Laurent Porot, Hervé Di Benedetto, Francesco Canestrari, Paul Marsac, Gabriele Tebaldi
837	Vibrations of Hollow Elastic Bodies	Magomed F. Mekhtiev

838	Micromachines for Biological Micromanipulation	Qingsong Xu
839	Parallel Genetic Algorithms for Financial Pattern Discovery Using GPUs	João Baúto, Rui Neves, Nuno Horta
840	Fractional-order Modeling of Nuclear Reactor: From Subdiffusive Neutron Transport to Control-oriented Models	Vishwesh Vyawahare, Paluri S. V. Nataraj
841	Grid Optimal Integration of Electric Vehicles: Examples with Matlab Implementation	Andrés Ovalle, Ahmad Hably, Seddik Bacha
842	Limits of Stability and Stabilization of Time-Delay Systems	Jing Zhu, Tian Qi, Dan Ma, Jie Chen
843	Computer Science and Engineering—Theory and Applications	Mauricio A. Sanchez, Leocundo Aguilar, Manuel Castañón-Puga, Antonio Rodríguez-Díaz
844	Low Earth Orbit Satellite Design	George Sebestyen, Steve Fujikawa, Nicholas Galassi, Alex Chuchra
845	CFD Techniques and Thermo-Mechanics Applications	Zied Driss, Brahim Necib, Hao-Chun Zhang
846	Biomedical Engineering and Neuroscience	Wojciech P. Hunek, Szczepan Paszkiel
847	5G and E-Band Communication Circuits in Deep-Scaled CMOS	Marco Vigilante, Patrick Reynaert
848	Type-2 Fuzzy Logic and Systems	Robert John, Hani Hagra, Oscar Castillo
849	New Classification Method Based on Modular Neural Networks with the LVQ Algorithm and Type-2 Fuzzy Logic	Jonathan Amezcua, Patricia Melin, Oscar Castillo
850	Exploring Intelligent Decision Support Systems	Rafael Valencia-García, Mario Andrés Paredes-Valverde, María del Pilar Salas-Zárate, Giner Alor-Hernández
851	Progress in Advanced Computing and Intelligent Engineering	Khalid Saeed, Nabendu Chaki, Bibudhendu Pati, Sambit Bakshi, Durga Prasad Mohapatra

852	Track-Before-Detect Using Expectation Maximisation	Samuel J. Davey, Han X. Gaetjens
853	Software Data Engineering for Network eLearning Environments	Santi Caballé, Jordi Conesa
854	Contact Mechanics	J.R. Barber
855	Basic Naval Architecture	Philip A. Wilson
856	Teaching and Learning in a Digital World	Michael E. Auer, David Guralnick, Istvan Simonics
857	Fundamentals of Speech Enhancement	Jacob Benesty
858	Parametric Interval Algebraic Systems	Iwona Skalna
859	Proceedings of the International Conference on Modern Research in Aerospace Engineering	Sanjay Singh, Pushkar Raj, Samir Tambe
860	Transactions on Engineering Technologies	Sio-Iong Ao, Haeng Kon Kim, Oscar Castillo, Alan Hoi-Shou Chan, Hideki Katagiri
861	Relay Tuning of PID Controllers	M. Chidambaram, Nikita Saxena
862	Advanced High Strength Steel	Tapas Kumar Roy, Basudev Bhattacharya, Chiradeep Ghosh, S. K. Ajmani
863	Integrated Planning of Heat Flows in Production Systems	Denis Kurle
864	Vibration Control of Active Structures	André Preumont
865	Swarm Robotics: A Formal Approach	Heiko Hamann
866	Advanced Manufacturing and Automation VII	Kesheng Wang, Yi Wang, Jan Ola Strandhagen, Tao Yu
867	Introduction to Transport Phenomena Modeling	Gianpaolo Ruocco

868	Low Power Active Electrode ICs for Wearable EEG Acquisition	Jiawei Xu, Refet Firat Yazicioglu, Chris Van Hoof, Kofi Makinwa
869	Polymer Gels	Vijay Kumar Thakur, Manju Kumari Thakur, Stefan Ioan Voicu
870	Optical and Wireless Technologies	Vijay Janyani, Manish Tiwari, Ghanshyam Singh, Paolo Minzioni
871	Synthesis and Characterization of Piezotronic Materials for Application in Strain/Stress Sensing	Ren Zhu, Rusen Yang
872	FEM Analysis of the Human Knee Joint	Zahra Trad, Abdelwahed Barkaoui, Moez Chafra, João Manuel R.S. Tavares
873	Complements of Higher Mathematics	Marin Marin, Andreas Öchsner
874	Interactive Mobile Communication Technologies and Learning	Michael E. Auer, Thrasyvoulos Tsiatsos
875	Electricity Markets with Increasing Levels of Renewable Generation: Structure, Operation, Agent-based Simulation, and Emerging Designs	Fernando Lopes, Helder Coelho
876	Fuzzy Sets Theory Preliminary	Hao-Ran Lin, Bing-Yuan Cao, Yun-zhang Liao
877	Semiconductor Power Devices	Josef Lutz, Heinrich Schlangenotto, Uwe Scheuermann, Rik De Doncker
878	Structural Stability and Vibration	Sine Leergaard Wiggers, Pauli Pedersen
879	Dynamics in Logistics	Michael Freitag, Herbert Kotzab, Jürgen Pannek
880	Sparsity-Based Multipath Exploitation for Through-the-Wall Radar Imaging	Michael Leigsnering
881	Innovations in Wave Processes Modelling and Decision Making	Alena V. Favorskaya, Igor B. Petrov
882	Intelligent Embedded Systems	Daniel Thalmann, N Subhashini, K. Mohanaprasad, M S Bala Murugan

883	Microwave Electronics	Andrey D. Grigoriev, Vyacheslav A. Ivanov, Sergey I. Molokovsky
884	Computational Vision and Bio Inspired Computing	D. Jude Hemanth, S. Smys
885	Breaking Down Barriers	Pat Langdon, Jonathan Lazar, Ann Heylighen, Hua Dong
886	Experimentation Methodology for Engineers	Frank A. Coutelieres, Antonios Kanavouras
887	Bridging the Semantic Gap in Image and Video Analysis	Halina Kwaśnicka, Lakhmi C. Jain
888	Dynamic Decoupling of Robot Manipulators	Vigen Arakelian
889	Event-Triggered Sliding Mode Control	Bijnan Bandyopadhyay, Abhisek K. Behera
890	Proceedings of the International Conference on Advances in Computational Mechanics 2017	Hung Nguyen-Xuan, Phuc Phung-Van, Timon Rabczuk
891	Probabilistic Cellular Automata	Pierre-Yves Louis, Francesca R. Nardi
892	Information Technology Science	Tatiana Antipova, Álvaro Rocha
893	Models for Sustainable Framework in Luxury Fashion	Subramanian Senthilkannan Muthu
894	Sustainable Innovations in Textile Chemical Processes	Subramanian Senthilkannan Muthu
895	Yearbook on Space Policy 2016	Cenan Al-Ekabi, Stefano Ferretti
896	Bridge Collapse Frequencies versus Failure Probabilities	Dirk Proske
897	Symbolic Parallelization of Nested Loop Programs	Alexandru-Petru Tanase, Frank Hannig, Jürgen Teich
898	Electromagnetic Metal Forming for Advanced Processing Technologies	Yuriy Batygin, Marina Barbashova, Oleh Sabokar

899	Dynamic Modeling of Complex Industrial Processes: Data-driven Methods and Application Research	Chao Shang
900	Robotic Sailing 2017	Kjell Ivar Øvergård
901	Design of Digital Chaotic Systems Updated by Random Iterations	Qianxue Wang, Simin Yu, Christophe Guyeux
902	Fundamentals of Electromigration-Aware Integrated Circuit Design	Jens Lienig, Matthias Thiele
903	Fuzzy Sets-Based Methods and Techniques for Modern Analytics	Ali Ebrahimnejad, José Luis Verdegay
904	Cooperative Coordination and Formation Control for Multi-agent Systems	Zhiyong Sun
905	Sustainable Interdependent Networks	M. Hadi Amini, Kianoosh G. Boroojeni, S.S. Iyengar, Panos M. Pardalos, Frede Blaabjerg, Asad M. Madni
906	Advances in Internet, Data & Web Technologies	Leonard Barolli, Fatos Xhafa, Nadeem Javaid, Evjola Spaho, Vladi Kolicic
907	Modern Approaches for Intelligent Information and Database Systems	Andrzej Sieminski, Adrianna Kozierekiewicz, Manuel Nunez, Quang Thuy Ha
908	Urban Wind Environment	Chao Yuan
909	Computational Science and Technology	Rayner Alfred, Hiroyuki Iida, Ag. Asri Ag. Ibrahim, Yuto Lim
910	Emerging Applications of Control and Systems Theory	Roberto Tempo, Stephen Yurkovich, Pradeep Misra
911	Optimized Cloud Based Scheduling	Rong Kun Jason Tan, John A. Leong, Amandeep S. Sidhu
912	Artificial Adaptive Systems Using Auto Contractive Maps	Paolo Massimo Buscema, Giulia Massini, Marco Breda, Weldon A. Lodwick, Francis Newman, Masoud Asadi-Zeydabadi

913	Machine Learning Methods for Behaviour Analysis and Anomaly Detection in Video	Olga Isupova
914	Nonlinear Dynamical Systems with Self-Excited and Hidden Attractors	Viet-Thanh Pham, Sundarapandian Vaidyanathan, Christos Volos, Tomasz Kapitaniak
915	Reversibility and Universality	Andrew Adamatzky
916	Cloud Computing for Optimization: Foundations, Applications, and Challenges	Bhabani Shankar Prasad Mishra, Himansu Das, Satchidananda Dehuri, Alok Kumar Jagadev
917	Metal Cutting Theory	Hanmin Shi
918	Modelling of Vibrations of Overhead Line Conductors	Giorgio Diana
919	Advances in Mechanics of Microstructured Media and Structures	Francesco dell'Isola, Victor A. Eremeyev, Alexey Porubov
920	Modeling Discrete-Event Systems with GPenSIM	Reggie Davidrajuh
921	The Mathematics of the Uncertain	Eduardo Gil, Eva Gil, Juan Gil, María Ángeles Gil
922	Automatic Syntactic Analysis Based on Selectional Preferences	Alexander Gelbukh, Hiram Calvo
923	Dynamic Games for Network Security	Xiaofan He, Huaiyu Dai
924	Micro Newton Thruster Development	Franz Georg Hey
925	Passenger Car Tires and Wheels	Günter Leister
926	Model-Reference Adaptive Control	Nhan T. Nguyen
927	Advances in Artificial Pancreas Systems	Ali Cinar, Kamuran Turksoy

928	Advances in Mechanical Engineering	Alexander N. Evgrafov
929	Audio Source Separation	Shoji Makino
930	Nano-scale Heat Transfer in Nanostructures	Jihong Al-Ghalith, Traian Dumitrică
931	Business Information Systems and Technology 4.0	Rolf Dornberger
932	A Metaheuristic Approach to Protein Structure Prediction	Nanda Dulal Jana, Swagatam Das, Jaya Sil
933	Advanced Noncontact Cutting and Joining Technologies	Rasheedat Modupe Mahamood, Esther Titilayo Akinlabi
934	The Impact of Information on Modern Humans	Elena G. Popkova
935	Machine Learning for Model Order Reduction	Khaled Salah Mohamed
936	Applied Mathematics and Computational Intelligence	Anna M. Gil-Lafuente, José M. Merigó, Bal Kishan Dass, Rajkumar Verma
937	Cyber Security for Cyber Physical Systems	Saqib Ali, Taiseera Al Balushi, Zia Nadir, Omar Khadeer Hussain
938	Equipment Selection for Mining: With Case Studies	Christina N. Burt, Louis Caccetta
939	Computational Plasticity for Finite Elements	Michael Trapp, Andreas Öchsner
940	Dynamics of Adsorptive Systems for Heat Transformation	Alessio Sapienza, Andrea Frazzica, Angelo Freni, Yuri Aristov
941	Group Recommender Systems	Alexander Felfernig, Ludovico Boratto, Martin Stettinger, Marko Tkalčič
942	Adversary Detection For Cognitive Radio Networks	Xiaofan He, Huaiyu Dai

943	Automation 2018	Roman Szewczyk, Cezary Zieliński, Małgorzata Kaliczyńska
944	Progress in Hybrid RANS-LES Modelling	Yannick Hoarau, Shia-Hui Peng, Dieter Schwamborn, Alistair Revell
945	Interactions Between Computational Intelligence and Mathematics	László T. Kóczy, Jesús Medina
946	Diagnosability, Security and Safety of Hybrid Dynamic and Cyber-Physical Systems	Moamar Sayed-Mouchaweh
947	Emerging Electromagnetic Technologies for Brain Diseases Diagnostics, Monitoring and Therapy	Lorenzo Crocco, Irene Karanasiou, Michael L James, Raquel Cruz Conceição
948	Pareto-Nash-Stackelberg Game and Control Theory	Valeriu Ungureanu
949	Synchronization in Networks of Nonlinear Circuits	Mattia Frasca, Lucia Valentina Gambuzza, Arturo Buscarino, Luigi Fortuna
950	Innovations in Bio-Inspired Computing and Applications	Ajith Abraham, Abdelkrim Haqiq, Azah Kamilah Muda, Niketa Gandhi
951	Proceedings of the Ninth International Conference on Soft Computing and Pattern Recognition (SoCPaR 2017)	Ajith Abraham, Abdelkrim Haqiq, Azah Kamilah Muda, Niketa Gandhi
952	Algebraic Formalization of Smart Systems	Natalia Serdyukova, Vladimir Serdyukov
953	Data Science Landscape	Usha Mujoo Munshi, Neeta Verma
954	Information Systems Design and Intelligent Applications	Vikrant Bhateja, Bao Le Nguyen, Nhu Gia Nguyen, Suresh Chandra Satapathy, Dac-Nhuong Le
955	Geotechnics for Natural and Engineered Sustainable Technologies	A. Murali Krishna, Arindam Dey, S Sreedeeep
956	A Quadratic Constraint Approach to Model Predictive Control of Interconnected Systems	Anthony Tri Tran C., Quang Ha
957	Information Theory for Electrical Engineers	Orhan Gazi

958	Sustainable Innovations in Recycled Textiles	Subramanian Senthilkannan Muthu
959	Sustainable Innovations in Textile Fibres	Subramanian Senthilkannan Muthu
960	Sustainable Innovations in Textile Chemistry and Dyes	Subramanian Senthilkannan Muthu
961	Artificial Intelligence in Renewable Energetic Systems	Mustapha Hatti
962	The Forest and the City	Cecil C. Konijnendijk
963	Automatic Control Systems in Biomedical Engineering	J. Fernández de Cañete, C. Galindo, J. Barbancho, A. Luque
964	Foundations of Heterogeneous Integration: An Industry-Based, 2.5D/3D Pathfinding and Co-Design Approach	Farhang Yazdani
965	Engineering Mechanics 2	Dietmar Gross, Werner Hauger, Jörg Schröder, Wolfgang A. Wall, Javier Bonet
966	Distributed Autonomous Robotic Systems	Roderich Groß, Andreas Kolling, Spring Berman, Emilio Frazzoli, Alcherio Martinoli, Fumitoshi Matsuno, Melvin Gauci
967	Investigation of Correction Methods for Interference Effects in Open-Jet Wind Tunnels	Oliver Fischer
968	Agriculture as a Metaphor for Creativity in All Human Endeavors	Robert S. Anderssen, Philip Broadbridge, Yasuhide Fukumoto, Kenji Kajiwara, Matthew Simpson, Ian Turner
969	Proceedings of the 7th International Conference on Kansei Engineering and Emotion Research 2018	Anitawati Mohd Lokman, Toshimasa Yamanaka, Pierre Lévy, Kuohsiang Chen, Shinichi Koyama
970	Dynamic Parameter Adaptation for Meta-Heuristic Optimization Algorithms Through Type-2 Fuzzy Logic	Frumen Olivas, Fevrier Valdez, Oscar Castillo, Patricia Melin

971	8th International Conference on Engineering, Project, and Product Management (EPPM 2017)	Sümer Şahin
972	Parasitic Substrate Coupling in High Voltage Integrated Circuits	Pietro Buccella, Camillo Stefanucci, Maher Kayal, Jean-Michel Sallese
973	Methods for Appearance-based Loop Closure Detection	Emilio Garcia-Fidalgo, Alberto Ortiz
974	Fuzzy Graph Theory with Applications to Human Trafficking	John N. Mordeson, Sunil Mathew, Davender S. Malik
975	Visual Quality Assessment for Natural and Medical Image	Yong Ding
976	Electromagnetic Performance Analysis of Graded Dielectric Inhomogeneous Radomes	P. Mahima, M. Suprava, S. Vandana, Mohammed P.S. Yazeen, Raveendranath U. Nair
977	Advances in Natural Language Processing, Intelligent Informatics and Smart Technology	Thanaruk Theeramunkong, Rachada Kongkachandra, Thepchai Supnithi
978	Automotive Chassis Engineering	David C Barton, John D Fieldhouse
979	Hybrid Intelligent Systems	Ajith Abraham, Pranab Kr. Muhuri, Azah Kamilah Muda, Niketa Gandhi
980	Bioimpedance in Biomedical Applications and Research	Franco Simini, Pedro Bertemes-Filho
981	Measuring and Analysing the Use of Ontologies	Jamshaid Ashraf, Omar K. Hussain, Farookh Khadeer Hussain, Elizabeth J. Chang
982	Pairwise Comparison Matrices and their Fuzzy Extension	Jana Krejčí
983	Discrete-Time Sliding Mode Control for Networked Control System	Dipesh H. Shah, Axaykumar Mehta
984	Investigations in Computational Sarcasm	Aditya Joshi, Pushpak Bhattacharyya, Mark J. Carman

985	Initial Airworthiness	Guy Gratton
986	Global Networking, Communication and Culture: Conflict or Convergence?	Halit Ünver
987	Fractography and Failure Analysis	Jorge Luis González-Velázquez
988	Artificial Intelligence and Evolutionary Computations in Engineering Systems	Subhransu Sekhar Dash, Paruchuri Chandra Babu Naidu, Ramazan Bayindir, Swagatam Das
989	Nonlinear Circuits and Systems for Neuro-inspired Robot Control	Luca Patanè, Roland Strauss, Paolo Arena
990	Solid Modeling and Applications	Dugan Um
991	Frontiers of Sound in Design	Doriana Dal Palù, Claudia De Giorgi, Beatrice Lerma, Eleonora Buiatti
992	Permanent Magnet Spherical Motors	Kun Bai, Kok-Meng Lee
993	Ambient Communications and Computer Systems	Gregorio Martinez Perez, Shailesh Tiwari, Munesh C. Trivedi, Krishn K. Mishra
994	Fundamentals of Electrical Circuit Analysis	Md. Abdus Salam, Quazi Mehbubar Rahman
995	Grid-Side Converters Control and Design	Slobodan N. Vukosavic
996	Innovations in Smart Cities and Applications	Mohamed Ben Ahmed, Anouar Abdelhakim Boudhir
997	Traffic Mining Applied to Police Activities	Fabio Leuzzi, Stefano Ferilli
998	Energy Management—Collective and Computational Intelligence with Theory and Applications	Cengiz Kahraman, Gülgün Kayakutlu
999	Intelligent Systems Design and Applications	Ajith Abraham, Pranab Kr. Muhuri, Azah Kamilah Muda, Niketa Gandhi

1000	Springer Handbook of Systematic Musicology	Rolf Bader
1001	Computational Neuroscience Models of the Basal Ganglia	V. Srinivasa Chakravarthy, Ahmed A. Moustafa
1002	Energy Efficient High Performance Processors	Jawad Haj-Yahya, Avi Mendelson, Yosi Ben Asher, Anupam Chattopadhyay
1003	Pathological Elements in Analog Circuit Design	Mourad Fakhfakh, Marian Pierzchala
1004	Project Management for Facility Constructions	Alberto De Marco
1005	Trends and Advances in Information Systems and Technologies	Álvaro Rocha, Hojjat Adeli, Luís Paulo Reis, Sandra Costanzo
1006	Cloud Computing	Naresh Kumar Sehgal, Pramod Chandra P. Bhatt
1007	Generalized Models and Non-classical Approaches in Complex Materials 1	Holm Altenbach, Joël Pouget, Martine Rousseau, Bernard Collet, Thomas Michelitsch
1008	On the Learnability of Physically Unclonable Functions	Fatemeh Ganji
1009	Trends and Advances in Information Systems and Technologies	Álvaro Rocha, Hojjat Adeli, Luís Paulo Reis, Sandra Costanzo
1010	Trends and Advances in Information Systems and Technologies	Álvaro Rocha, Hojjat Adeli, Luís Paulo Reis, Sandra Costanzo
1011	Circuits, Systems and Signal Processing	Suhash Chandra Dutta Roy
1012	Wireless Personal Communications	Mohsen A. M. El-Bendary
1013	Spectral, Convolution and Numerical Techniques in Circuit Theory	Fuad Badrieh
1014	Fault Diagnosis of Hybrid Dynamic and Complex Systems	Moamar Sayed-Mouchaweh

1015	Computing Colour Image Processing	Alan Parkin
1016	Cable-Driven Parallel Robots	Andreas Pott
1017	Design Techniques for Mash Continuous-Time Delta-Sigma Modulators	Qiyuan Liu, Alexander Edward, Carlos Briseno-Vidrios, Jose Silva-Martinez
1018	Advanced Theory of Fractional-Slot Concentrated-Wound Permanent Magnet Synchronous Machines	Mohammad Farshadnia
1019	Proceedings of 3rd International Sustainable Buildings Symposium (ISBS 2017)	Seyhan Firat, John Kinuthia, Abid Abu-Tair
1020	Shock Wave Interactions	Konstantinos Kontis
1021	Security with Intelligent Computing and Big-data Services	Sheng-Lung Peng, Shiuh-Jeng Wang, Valentina Emilia Balas, Ming Zhao
1022	5th International Symposium on Data Mining Applications	Mamdouh Alenezi, Basit Qureshi
1023	Numerical Simulation for Next Generation Thermal Power Plants	Falah Alobaid
1024	Fault Tolerant Architectures for Cryptography and Hardware Security	SIKHAR PATRANABIS, Debdeep Mukhopadhyay
1025	Proceedings of the International Conference on Computing and Communication Systems	J. K. Mandal, Goutam Saha, Debdatta Kandar, Arnab Kumar Maji
1026	Soft Computing Applications	Kanad Ray, Millie Pant, Anirban Bandyopadhyay
1027	Proceedings of 3rd International Sustainable Buildings Symposium (ISBS 2017)	Seyhan Firat, John Kinuthia, Abid Abu-Tair
1028	3rd International Conference on Radiation Safety & Security in Healthcare Services	R Zainon
1029	Tribological Study of Nanoparticles Enriched Bio-based Lubricants for Piston Ring–Cylinder Interaction	Mubashir Gulzar

1030	Metamaterial Surface Plasmon-Based Transmission Lines and Antennas	Amin Kianinejad
1031	Hyperelasticity Primer	Robert M. Hackett
1032	Thermal Protection Modeling of Hypersonic Flying Apparatus	A.S. Yakimov
1033	Noise Tolerant Data Authentication for Wireless Communication	Obaid Ur-Rehman, Natasa Zivic
1034	Computational Signal Processing and Analysis	Asoke K. Nandi, N Sujatha, R Menaka, John Sahaya Rani Alex
1035	Particle Image Velocimetry	Markus Raffel, Christian E. Willert, Fulvio Scarano, Christian J. Kähler, Steve T. Wereley, Jürgen Kompenhans
1036	Accurate and Robust Spectral Testing with Relaxed Instrumentation Requirements	Yuming Zhuang, Degang Chen
1037	Novel Motion Anchoring Strategies for Wavelet-based Highly Scalable Video Compression	Dominic Rüfenacht
1038	Ad Hoc Networks	Jyoti Prakash Singh, Paramartha Dutta, Amlan Chakrabarti
1039	Handbook of Human Motion	
1040	Mechatronics and Machine Vision in Practice 3	John Billingsley, Peter Brett
1041	Learning Systems: From Theory to Practice	Vassil Sgurev, Vincenzo Piuri, Vladimir Jotsov
1042	Robot Path Planning and Cooperation	Anis Koubaa, Hachemi Bennaceur, Imen Chaari, Sahar Trigui, Adel Ammar, Mohamed-Foued Sriti, Maram Alajlan, Omar Cheikhrouhou, Yasir Javed
1043	Underwater Robots	Gianluca Antonelli

1044	Developments and Advances in Defense and Security	Álvaro Rocha, Teresa Guarda
1045	Tailored Light 1	Reinhart Poprawe, Konstantin Boucke, Dieter Hoffman
1046	Fan-Out Wafer-Level Packaging	John H. Lau
1047	International Congress on Polymers in Concrete (ICPIC 2018)	Mahmoud M. Reda Taha
1048	Advances in Big Data and Cloud Computing	Elijah Blessing Rajsingh, Jey Veerasamy, Amir H. Alavi, J. Dinesh Peter
1049	Errors-in-Variables Methods in System Identification	Torsten Söderström
1050	Algorithms and Applications	Sajal K. Das, Nabendu Chaki
1051	Systems Analysis Approach for Complex Global Challenges	Priscilla Mensah, David Katerere, Sepo Hachigonta, Andreas Roodt
1052	The DARPA Robotics Challenge Finals: Humanoid Robots To The Rescue	Matthew Spenko, Stephen Buerger, Karl Iagnemma
1053	In-Service Fatigue Reliability of Structures	Sergei V. Petinov
1054	Advances in Data and Information Sciences	Mohan L. Kolhe, Munesh C. Trivedi, Shailesh Tiwari, Vikash Kumar Singh
1055	Design for Environmental Sustainability	Carlo Arnaldo Vezzoli
1056	Numerical Simulation of the Aerodynamics of High-Lift Configurations	Omar Darío López Mejía, Jaime A. Escobar Gomez
1057	Magnetostatic Modelling of Thin Layers Using the Method of Moments And Its Implementation in OCTAVE/MATLAB	Roman Szewczyk
1058	Meta-heuristic Algorithms for Optimal Design of Real-Size Structures	Ali Kaveh, Majid Ilchi Ghazaan

1059	Advances in Metaheuristics Algorithms: Methods and Applications	Erik Cuevas, Daniel Zaldívar, Marco Pérez-Cisneros
1060	Intelligent Communication, Control and Devices	Rajesh Singh, Sushabhan Choudhury, Anita Gehlot
1061	Intelligent Engineering Informatics	Vikrant Bhateja, Carlos A. Coello Coello, Suresh Chandra Satapathy, Prasant Kumar Pattnaik
1062	Progress in Computing, Analytics and Networking	Prasant Kumar Pattnaik, Siddharth Swarup Rautaray, Himansu Das, Janmenjoy Nayak
1063	Properties of Fresh and Hardened Concrete Containing Supplementary Cementitious Materials	Nele De Belie, Marios Soutsos, Elke Gruyaert
1064	Proceedings of 2nd International Conference on Computer Vision & Image Processing	Bidyut B. Chaudhuri, Mohan S. Kankanhalli, Balasubramanian Raman
1065	Biological, Physical and Technical Basics of Cell Engineering	Gerhard M. Artmann, Aysegül Artmann, Azhar A. Zhubanova, Ilya Digel
1066	Steel Structures Design Based on Eurocode 3	Farzad Hejazi, Tan Kar Chun
1067	Control Oriented Modelling of AC Electric Machines	Ahmed Masmoudi
1068	Simulation and Optimization of Digital Circuits	Vazgen Melikyan
1069	Six-Phase Electric Machines	Jonas Juozas Buksnaitis
1070	Freeway Traffic Modelling and Control	Antonella Ferrara, Simona Sacone, Silvia Siri
1071	Information Technology - New Generations	Shahram Latifi
1072	Stability and Control of Nonlinear Time-varying Systems	Shuli Guo, Lina Han

1073	Information and Decision Sciences	Suresh Chandra Satapathy, Joao Manuel R.S. Tavares, Vikrant Bhateja, J. R. Mohanty
1074	Sustainable Innovations in Apparel Production	Subramanian Senthilkannan Muthu
1075	Flight Systems and Control	Tian Seng Ng
1076	Transport Systems and Delivery of Cargo on East–West Routes	Aleksander Ślaskowski
1077	Dictionary Learning Algorithms and Applications	Bogdan Dumitrescu, Paul Irofti
1078	Proceedings of Italian Concrete Days 2016	Marco di Prisco, Marco Menegotto
1079	Iterative Learning Control with Passive Incomplete Information	Dong Shen
1080	Distributed Parameter Modeling and Boundary Control of Flexible Manipulators	Jinkun Liu, Wei He
1081	Building Automation	Hermann Merz, Thomas Hansemann, Christof Hübner
1082	International Conference on Wireless, Intelligent, and Distributed Environment for Communication	Isaac Woungang, Sanjay Kumar Dhurandher
1083	Advanced Machining and Manufacturing Processes	Kaushik Kumar, Divya Zindani, J. Paulo Davim
1084	Micromechanics of Materials, with Applications	Mark Kachanov, Igor Sevostianov
1085	Nonlinearity: Ordinary and Fractional Approximations by Sublinear and Max-Product Operators	George A. Anastassiou
1086	Advances in Materials Processing	Yafang Han
1087	Timing Performance of Nanometer Digital Circuits Under Process Variations	Victor Champac, Jose Garcia Gervacio
1088	Physically Unclonable Functions	Basel Halak

1089	Frontier Computing	Jason C. Hung, Neil Y. Yen, Lin Hui
1090	Proceedings of International Conference on Recent Advancement on Computer and Communication	Basant Tiwari, Vivek Tiwari, Kinkar Chandra Das, Durgesh Kumar Mishra, Jagdish C. Bansal
1091	Precision Product-Process Design and Optimization	Sanjay S. Pande, Uday S. Dixit
1092	Internally Compensated LDO Regulators for Modern System-on-Chip Design	José María Hinojo , Clara Luján Martínez, Antonio Torralba
1093	Trusted Digital Circuits	Hassan Salmani
1094	Planning Universal On-Road Driving Strategies for Automated Vehicles	Steffen Heinrich
1095	Micro Electro Mechanical Systems	Qing-An Huang
1096	Simulations for Design and Manufacturing	Uday S. Dixit, Ravi Kant
1097	The Test and Launch Control Technology for Launch Vehicles	Zhengyu Song
1098	Risk-Based Engineering	Prabhakar V. Varde, Michael G. Pecht
1099	Tree-Shaped Fluid Flow and Heat Transfer	António F. Miguel, Luiz A. O. Rocha
1100	Advanced Data Analytics in Health	Philippe J. Giabbanelli, Vijay K. Mago, Elpiniki I. Papageorgiou
1101	Managing Software Crisis: A Smart Way to Enterprise Agility	Sergey V. Zykov
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1103	GNSS for Rail Transportation	Letizia Lo Presti, Salvatore Sabina

1104	Geosynchronous SAR: System and Signal Processing	Teng Long, Cheng Hu, Zegang Ding, Xichao Dong, Weiming Tian, Tao Zeng
1105	Innovative Techniques and Applications of Modelling, Identification and Control	Quanmin Zhu, Jing Na, Xing Wu
1106	Advanced Computational and Communication Paradigms	Siddhartha Bhattacharyya, Nabendu Chaki, Debanjan Konar, Udit Kr. Chakraborty, Chingtham Tejbanta Singh
1107	Proceedings of International Conference on Wireless Communication	Hari Vasudevan, Amit A. Deshmukh, K. P. Ray
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1109	Fractal Control Theory	Shu-Tang Liu, Pei Wang
1110	Design and Implementation of Practical Schedulers for M2M Uplink Networks	Akshay Kumar, Ahmed Abdelhadi, T. Charles Clancy
1111	The Fracture Mechanics of Plant Materials	Zhuoping Shao, Fuli Wang
1112	Radio Monitoring	Anatoly M. Rembovsky, Alexander V. Ashikhmin, Vladimir A. Kozmin, Sergey M. Smolskiy
1113	Principles of Free Electron Lasers	H. P. Freund, T. M. Antonsen, Jr.
1114	One-Dimensional Finite Elements	Andreas Öchsner, Markus Merkel
1115	Control of Discrete-Time Descriptor Systems	Alexey A. Belov, Olga G. Andrianova, Alexander P. Kurdyukov
1116	Advanced Techniques for Power, Energy, and Thermal Management for Clustered Manycores	Santiago Pagani, Jian-Jia Chen, Muhammad Shafique, Jörg Henkel
1117	Shortest Path Solvers. From Software to Wetware	Andrew Adamatzky

1118	Radiation Hardened CMOS Integrated Circuits for Time-Based Signal Processing	Jeffrey Prinzie, Michiel Steyaert, Paul Leroux
1119	Flow and Transport in Subsurface Environment	Natarajan Narayanan, Berlin Mohanadhas, Vasudevan Mangottiri
1120	Advanced Packaging and Manufacturing Technology Based on Adhesion Engineering	Seonho Seok
1121	Head Injury Simulation in Road Traffic Accidents	Fábio A. O. Fernandes, Ricardo J. Alves de Sousa, Mariusz Ptak
1122	Modeling of Column Apparatus Processes	Christo Boyadjiev, Maria Doichinova, Boyan Boyadjiev, Petya Popova-Krumova
1123	Shear Strengthening of T-beam with GFRP	Kishor Chandra Panda, Sudhirkumar V. Barai, Sriman Kumar Bhattacharyya
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1130	Introduction to Mechanical Engineering	J. Paulo Davim
1131	Computational Intelligence for Pattern Recognition	Witold Pedrycz, Shyi-Ming Chen
1132	Recent Advances in Ensembles for Feature Selection	Verónica Bolón-Canedo, Amparo Alonso-Betanzos

1133	Statistical Methods in Hydrology and Hydroclimatology	Rajib Maity
1134	Mechanics of Soccer Heading and Protective Headgear	Mohd Hasnun Arif Hassan, Zahari Taha, Iskandar Hasanuddin, Mohd Jamil Mohamed Mokhtarudin
1135	Dynamics of Coupled Structures, Volume 4	Andreas Linderholt, Matthew S. Allen, Randall L. Mayes, Daniel Rixen
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1144	China Satellite Navigation Conference (CSNC) 2018 Proceedings	Jiadong Sun, Changfeng Yang, Shuren Guo
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1146	China Satellite Navigation Conference (CSNC) 2018 Proceedings	Jiadong Sun, Changfeng Yang, Shuren Guo
1147	Cyber Security: Power and Technology	Martti Lehto, Pekka Neittaanmäki

1148	A Primer on the Kinematics of Discrete Elastic Rods	M. Khalid Jawed, Alyssa Novelia, Oliver M. O'Reilly
1149	Proceedings of 2nd International Conference on Computer Vision & Image Processing	Bidyut B. Chaudhuri, Mohan S. Kankanhalli, Balasubramanian Raman
1150	The Science of Vehicle Dynamics	Massimo Guiggiani
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1152	Transactions on Intelligent Welding Manufacturing	Shanben Chen, Yuming Zhang, Zhili Feng
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1181	Advanced Materials Processing and Manufacturing	Yogesh Jaluria
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1212	Proceedings of China-Europe Conference on Geotechnical Engineering	Wei Wu, Hai-Sui Yu
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