Lista titluri Colecții de cărți electronice ale Editurii IEEE - NOW Foundation ebook Collection

nr	Title with link	print_identifier	first_author	title_id	date_monograph_published_print	subjects
1	(Hyper)-Graphs Inference through Convex Relaxations and Move Making Algorithms: Contributions and Applications in Artificial Vision	9781680831382	Komodakis	8186927	2016	Computing and Processing; General Topics for Engineers
2	10 Lenses to Design Sports-HCI	9781680835281	Mueller	8637133	2018	Components, Circuits, Devices and Systems; Computing and Processing; Power, Energy and Industry Applications; Robotics and Control Systems; Signal Processing and Analysis
3	3D Reconstruction from Multiple Images: Part 1: Principles	9781601982841	Moons	8187474	2010	Computing and Processing; General Topics for Engineers
4	A Brief Introduction to Machine Learning for Engineers	9781680834727	Simeone	8453245	2018	Computing and Processing
5	A Clean Slate Approach to Secure Wireless Networking	9781680830484	Ponniah	8187080	2015	Communication, Networking and Broadcast Technologies; Computing and Processing
6	A Decade of Lattice Cryptography	9781680831122	Peikert	8187288	2016	Computing and Processing
7	A Framework For Efficient Modular Heap Analysis	9781680830026	Madhavan	8186859	2015	Computing and Processing
8	A Framework for Web Science	9781933019338	Berners-Lee	8186953	2006	Computing and Processing
9	A Fresh Look at Generalized Sampling	9781601987280	Nehab	8186823	2014	Computing and Processing; Signal Processing and Analysis
10	A Pragmatic Introduction to Secure Multi-Party Computation	9781680835083	Evans	8584398	2018	Computing and Processing; Components, Circuits, Devices and Systems; Communication, Networking and Broadcast Technologies
11	A Primer on Reproducing Kernel Hilbert Spaces	9781680830927	Manton	8187116	2015	Signal Processing and Analysis; Computing and Processing; Components, Circuits, Devices and Systems; General Topics for Engineers
12	A Review of Ethical Issue Considerations in the Information Systems Research Literature	9781680833980	Paradice	8311403	2018	Computing and Processing; General Topics for Engineers
13	A Review of Personality in Human-Robot Interactions	9781680836622	Robert	9062468	2020	Robotics and Control Systems; Computing and Processing; Components, Circuits, Devices and Systems
14	A Review of Point Cloud Registration Algorithms for Mobile Robotics	9781680830248	Pomerleau	8187578	2015	Robotics and Control Systems; Signal Processing and Analysis
15	A Roadmap for US Robotics - From Internet to Robotics 2020 Edition	9781680838589	Christensen	9500153	2021	Computing and Processing; Robotics and Control Systems

16	A Signal Processing Perspective of Financial Engineering	9781680831184	Feng	8186794	2016	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Signal Processing and Analysis
17	A Stochastic Grammar of Images	9781601980601	Zhu	8186820	2007	Computing and Processing; Robotics and Control Systems; Signal Processing and Analysis
18	A Survey of Augmented Reality	9781601989208	Billinghurst	8186839	2015	Computing and Processing; General Topics for Engineers
19	A Survey of Lower Bounds for Satisfiability and Related Problems	9781601980847	Melkebeek	8187318	2007	General Topics for Engineers
20	A Survey of Methods for Safe Human-Robot Interaction	9781680832785	Lasota	8186877	2017	Robotics and Control Systems; Power, Energy and Industry Applications; General Topics for Engineers; Computing and Processing; Components, Circuits, Devices and Systems
21	A Survey of Nonverbal Signaling Methods for Non-Humanoid Robots	9781680834086	Cha	8311407	2018	Robotics and Control Systems; Signal Processing and Analysis; Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
22	A Survey of Photometric Stereo Techniques	9781680830781	Ackermann	8187098	2015	Signal Processing and Analysis
23	A Survey of Query Auto Completion in Information Retrieval	9781680832006	Cai	8187256	2016	Computing and Processing
24	A Survey of Relaxations and Approximations of the Power Flow Equations	9781680835403	Molzahn	8635446	2019	Components, Circuits, Devices and Systems; Power, Energy and Industry Applications
25	A Survey of Statistical Network Models	9781601983206	Goldenberg	8187118	2010	Communication, Networking and Broadcast Technologies; General Topics for Engineers
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28	A Tutorial on Linear Function Approximators for Dynamic Programming and Reinforcement Learning	9781601987600	Geramifard	8187372	2013	Computing and Processing
29	A Tutorial on Thompson Sampling	9781680834703	Russo	8428808	2018	Computing and Processing; General Topics for Engineers
30	A Unifying Tutorial on Approximate Message Passing	9781638280040	Feng	9785928	2022	Computing and Processing
31	Acceleration Methods	9781680839289	d'Aspremont	9653897	2021	Computing and Processing; General Topics for Engineers
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33	Accountability in Computing: Concepts and Mechanisms	9781680837841	Feigenbaum	9296548	2020	Computing and Processing
34	Achieving Ecological Resilience through Regime Shift Management	9781680837162	Lemmon	9171992	2020	Components, Circuits, Devices and Systems; Computing and Processing; General Topics for Engineers

35	Adaptation, Learning, and Optimization over Networks	9781601988508	Sayed	8187516	2014	Computing and Processing; Communication, Networking and Broadcast Technologies; Signal Processing and Analysis
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37	Adaptive Query Processing	9781601980342	Deshpande	8187150	2007	Computing and Processing
38	Addressing Process Variations At the Microarchitecture and System Level	9781601986580	Garg	8187380	2013	Components, Circuits, Devices and Systems; Engineered Materials, Dielectrics and Plasmas; Power, Energy and Industry Applications
39	Adoption of Robots for Disasters: Lessons from the Response to COVID-19	9781680838626	Murphy	9527196	2021	Bioengineering; Components, Circuits, Devices and Systems; Computing and Processing; Robotics and Control Systems

40	Advances and Open Problems in Federated Learning	9781680837889	Kairouz	9464278	2021	Computing and Processing; General Topics for Engineers
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44	Aggregated Search	9781680832525	Arguello	8186968	2017	Computing and Processing
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51	Algorithms for Verifying Deep Neural Networks	9781680837865	Liu	9354089	2021	Communication, Networking and Broadcast Technologies; Computing and Processing
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53	An Algorithmic Perspective on Imitation Learning	9781680834109	Osa	8620668	2018	Computing and Processing; General Topics for Engineers
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56	An Introduction to Deep Reinforcement Learning	9781680835380	François-Lavet	8585411	2018	Computing and Processing; General Topics for Engineers
57	An Introduction to Digital Speech Processing	9781601980700	Rabiner	8187052	2007	Signal Processing and Analysis; Communication, Networking and Broadcast Technologies

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70	Arabic Information Retrieval	9781601987761	Darwish	8187290	2014	Computing and Processing; General Topics for Engineers
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96	Building Reliable Storage Clouds: Models, Fundamental Tradeoffs, and Solutions	9781680830644	Kozat	8186903	2015	Communication, Networking and Broadcast Technologies
97	Cache Optimization Models and Algorithms	9781680837025	Paschos	9173648	2020	Computing and Processing
98	Caching and Materialization for Web Databases	9781601983244	Labrinidis	8186863	2010	Computing and Processing
99	Camera Models and Fundamental Concepts Used in Geometric Computer Vision	9781601984104	Sturm	8187202	2011	Computing and Processing; Signal Processing and Analysis

100	Canine-Centered Computing	9781680832440	Freil	8187452	2017	Computing and Processing
101	Channel Coding in the Presence of Side Information	9781601980489	Keshet	8187462	2008	Communication, Networking and Broadcast Technologies
102	Channel Coding Methods for Non-Volatile Memories	9781680831023	Dolecek	8187358	2016	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems
103	Choice Architecture for Human-Computer Interaction	9781601987969	Jameson	8187140	2014	Computing and Processing
104	Chordal Graphs and Semidefinite Optimization	9781680830385	Vandenberghe	8187242	2015	Computing and Processing; General Topics for Engineers
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106	Cloud Data Services: Workloads, Architectures and Multi-Tenancy	9781680837742	Narasayya	9426558	2021	Computing and Processing
107	Clustering Stability: An Overview	9781601983442	von Luxor	8187106	2010	Computing and Processing
108	Coded Computing: Mitigating Fundamental Bottlenecks in Large-scale Distributed Computing and Machine Learning	9781680837049	Li	9173650	2020	Computing and Processing
109	Codes for Distributed Storage	9781638280248	Ramkumar	9785671	2022	Computing and Processing
110	Codes in the Sum-Rank Metric: Fundamentals and Applications	9781638280309	Martínez-Peñas	9786683	2022	Computing and Processing; General Topics for Engineers
111	Coding for Interactive Communication: A Survey	9781680833461	Gelles	8187278	2017	Communication, Networking and Broadcast Technologies; Computing and Processing
112	Coding Techniques for Repairability in Networked Distributed Storage Systems	9781601986764	Oggier	8187218	2013	Communication, Networking and Broadcast Technologies; Computing and Processing
113	Collaboration Research for Crisis Management Teams	9781601983268	Drury	8187476	2010	Computing and Processing
114	Collaborative Filtering Recommender Systems	9781601984425	Ekstrand	8187128	2011	Computing and Processing
115	Collective Attention on the Web	9781680832044	Bauckhage	8187508	2016	Computing and Processing
116	Combinatorial Designs for Authentication and Secrecy Codes	9781601983589	Huber	8186978	2010	Communication, Networking and Broadcast Technologies; Computing and Processing

117	Combinatorial Optimization of Alternating Current Electric Power Systems	9781680835144	Chau	8637153	2018	Components, Circuits, Devices and Systems; Fields, Waves and Electromagnetics; Power, Energy and Industry Applications
118	Common Information, Noise Stability, and Their Extensions	9781638280149	Yu	9765397	2022	Computing and Processing
119	Communicating Personal Genomic Information to Non-Experts: A New Frontier for Human-Computer Interaction	9781680832549	Shaer	8187568	2017	Computing and Processing; Bioengineering
120	Communication Complexity (for Algorithm Designers)	9781680831146	Roughgarden	8187504	2016	Communication, Networking and Broadcast Technologies; Computing and Processing
121	Community Detection and Stochastic Block Models	9781680834765	Abbe	8384200	2018	Computing and Processing; General Topics for Engineers
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123	Complexity Lower Bounds using Linear Algebra	9781601982421	Lokam	8186931	2009	Computing and Processing

124	Complexity of Linear Boolean Operators	9781601987266	Jukna	8186806	2013	Computing and Processing
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127	Computational Advertising: Techniques for Targeting Relevant Ads	9781601988324	Dave, Kushal Varma	8187584	2014	Computing and Processing
128	Computational Human-Robot Interaction	9781680832082	Thomaz	8186865	2016	Computing and Processing; Robotics and Control Systems
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132	Computational Symmetry in Computer Vision and Computer Graphics	9781601983640	Liu	8187560	2010	Computing and Processing; Signal Processing and Analysis
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134	Computationally Enhanced Toolkits for Children: Historical Review and a Framework for Future Design	9781680830804	Blikstein	8186782	2015	Computing and Processing
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136	Computer-Aided Design and Optimization of Hybrid Energy Storage Systems	9781601987044	Kim	8187402	2013	Computing and Processing; Power, Energy and Industry Applications
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138	Computing and Building around Tie Strength in Social Media	9781601987983	Gilbert	8186616	2014	Computing and Processing
139	Concentration of Measure Inequalities in Information Theory, Communications, and Coding	9781601987242	Raginsky	8186833	2013	Communication, Networking and Broadcast Technologies; Computing and Processing
140	Concentration of Measure Inequalities in Information Theory, Communications, and Coding: Second Edition	9781601989062	Raginsky	8187332	2014	Communication, Networking and Broadcast Technologies; Computing and Processing
141	Concentration of Measure Inequalities in Information Theory, Communications, and Coding: ThirdEdition	9781680835342	Raginsky	8581432	2018	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
142	Concept-Based Video Retrieval	9781601982346	Snoek	8186957	2009	Computing and Processing

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153	Credibility in Information Retrieval	9781680830866	Ginsca	8187146	2015	Computing and Processing
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156	Crowdsourcing in Computer Vision	9781680832129	Kovashka	8187370	2016	Computing and Processing
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158	Cyber-Maritime Cycle: Autonomy of Marine Robots for Ocean Sensing	9781680832327	Zhang	8637143	2016	Components, Circuits, Devices and Systems; Computing and Processing; Geoscience; Power, Energy and Industry Applications; Robotics and Control Systems
159	Cyber-Physical System Security of Distribution Systems	9781680838527	Liu	9539142	2021	Power, Energy and Industry Applications; Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems
160	Cybersecurity in Robotics: Challenges, Quantitative Modeling, and Practice	9781680838602	Zhu	9517068	2021	Components, Circuits, Devices and Systems; Computing and Processing; Robotics and Control Systems
161	Cyclic Division Algebras: A Tool for Space-Time Coding	9781601980502	Oggier	8187180	2007	Communication, Networking and Broadcast Technologies; Computing and Processing; General Topics for Engineers
162	Data Analytics on Graphs Part I: Graphs and Spectra on Graphs	9781680839821	Stanković	9411937	2020	Computing and Processing
163	Data Analytics on Graphs Part II: Signals on Graphs	9781680839821	Stanković	9411941	2020	Computing and Processing
164	Data Analytics on Graphs Part III: Machine Learning on Graphs, from Graph Topology to Applications	9781680839821	Stanković	9419664	2020	Computing and Processing
165	Data Infrastructure for Medical Research	9781680833485	Heinis	8187078	2017	Bioengineering; Computing and Processing

166	Data Provenance: Origins, Applications, Algorithms, and Models	9781680838282	Glavic	9419741	2021	Computing and Processing; General Topics for Engineers
167	Data Streams: Algorithms and Applications	9781933019147	Muthukrishnan	8186985	2005	Computing and Processing
168	Data-Driven Multi-Microphone Speaker Localization on Manifolds	9781680837360	Laufer-Goldshtein	9216468	2020	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Signal Processing and Analysis
169	Database Systems on GPUs	9781680838480	Paul	9492931	2021	Computing and Processing
170	Datacenter Power Management in Smart Grids	9781601987921	Liu	8186891	2015	Communication, Networking and Broadcast Technologies; Computing and Processing; Power, Energy and Industry Applications
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174	Deep Learning for Image/Video Restoration and Super-resolution	9781680839722	Tekalp	9770481	2022	Computing and Processing; Communication, Networking and Broadcast Technologies; Signal Processing and Analysis
175	Deep Learning for Matching in Search and Recommendation	9781680837063	Xu	9141194	2020	Computing and Processing; General Topics for Engineers
176	Deep Learning for Multimedia Forensics	9781680838541	Amerini	9527194	2021	Computing and Processing; Communication, Networking and Broadcast Technologies; Signal Processing and Analysis
177	Deep Learning in Object Recognition, Detection, and Segmentation	9781680831160	Wang	8187348	2016	Computing and Processing; Signal Processing and Analysis
178	Deep Learning: Methods and Applications	9781601988140	Deng	8187230	2014	Computing and Processing
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180	Design Framework for Interactive Highlighting Techniques	9781680839241	Leung	9627623	2021	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Signal Processing and Analysis
181	Design of Dynamic Legged Robots	9781680832563	Kim	8187130	2017	Robotics and Control Systems
182	Design, Automation, and Test for Low-Power and Reliable Flexible Electronics	9781601988409	Huang	8187408	2015	Components, Circuits, Devices and Systems; Computing and Processing
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191	Discrete Circuit Optimization: Library Based Gate Sizing and Threshold Voltage Assignment	9781601985422	Lee	8187540	2012	Components, Circuits, Devices and Systems
192	Discrete Graphical Models: An Optimization Perspective	9781680836387	Savchynskyy	9036031	2019	Computing and Processing; General Topics for Engineers
193	Display Advertising with Real-Time Bidding (RTB) and Behavioural Targeting	9781680833102	Wang	8187360	2017	Computing and Processing
194	Distributed Averaging and Balancing in Network Systems	9781680834383	Hadjicostis	8387223	2018	Components, Circuits, Devices and Systems; Robotics and Control Systems
195	Distributed Coding in A Multiple Access Environment	9781680834680	Tang	8384210	2018	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
196	Distributed Learning Systems with First-Order Methods	9781680837001	Liu	9126115	2020	Communication, Networking and Broadcast Technologies; Computing and Processing
197	Distributed Optimization and Statistical Learning via the Alternating Direction Method of Multipliers	9781601984609	Boyd	8186925	2011	Computing and Processing; Robotics and Control Systems
198	Distributed Optimization for Smart Cyber-Physical Networks	9781680836189	Notarstefano	8931708	2019	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
199	Distribution grids of the future: Planning for flexibility to operate under growing uncertainty	9781680835120	Carvalho	8637149	2018	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Power, Energy and Industry Applications; Robotics and Control Systems
200	Distributionally Robust Learning	9781680837728	Chen	9307210	2020	Computing and Processing; General Topics for Engineers
201	Domain Adaptation for Visual Recognition	9781680830309	Gopalan	8187168	2015	Computing and Processing; Bioengineering
202	Duality of the Max-Plus and Min-Plus Network Calculus	9781680832945	Liebeherr	8187214	2017	Communication, Networking and Broadcast Technologies
203	Dynamic Network Energy Management via Proximal Message Passing	9781601987143	Kraning	8187254	2014	Communication, Networking and Broadcast Technologies; Computing and Processing
204	Dynamical Variational Autoencoders: A Comprehensive Review	9781680839128	Girin	9638604	2021	Computing and Processing; Communication, Networking and Broadcast Technologies
205	E-business Value Creation from a Resource-Based Perspective: A Review of the Last Decade of Empirical Research	9781601988782	Raphaeli	8186885	2015	Power, Energy and Industry Applications; General Topics for Engineers
206	Economic Model Predictive Control: Handling Valve Actuator Dynamics and Process Equipment Considerations	9781680834321	Durand	8390883	2018	Components, Circuits, Devices and Systems; Computing and Processing; Robotics and Control Systems

207	Economic Modeling in Networking: A Primer	9781601986542	Berry	8187002	2013	Computing and Processing; General Topics for Engineers
208	Economic Nonlinear Model Predictive Control	9781680833928	Faulwasser	8277242	2018	Computing and Processing
209	Efficiency of Wireless Networks: Approximation Algorithms for the Physical Interference Model	9781601984043	Goussevskaia	8187004	2010	Communication, Networking and Broadcast Technologies; Computing and Processing
210	Efficient Query Processing for Scalable Web Search	9781680835427	Tonellotto	8620666	2018	Computing and Processing; General Topics for Engineers
211	Electronic Design Automation with Graphic Processors: A Survey	9781601986801	Deng	8186768	2013	Components, Circuits, Devices and Systems; Computing and Processing
212	Elements of Sequential Monte Carlo	9781680836325	Naesseth	9051776	2019	Computing and Processing

213	Email Spam Filtering: A Systematic Review	9781601981462	Cormack	8187090	2008	Computing and Processing
214	Embodiment in Socially Interactive Robots	9781680835465	Deng	8630905	2019	Computing and Processing; General Topics for Engineers; Robotics and Control Systems; Components, Circuits, Devices and Systems
215	Emerging Input Technologies for Always-Available Mobile Interaction	9781601984869	Morris	8187122	2011	Computing and Processing
216	Emerging Technology & Advances in Supply Chain Finance & Risk Management	9781680835540	Kouvelis	8667805	2019	Computing and Processing; General Topics for Engineers
217	Emerging Trends of Biomedical Circuits and Systems	9781680839067	Sawan	9648040	2021	Bioengineering; Components, Circuits, Devices and Systems; Computing and Processing
218	Empirical Research in Information Systems: 2001-2015	9781680834307	Shuraida	8384204	2018	Computing and Processing
219	End-User Privacy in Human-Computer Interaction	9781601980762	Iachello	8187014	2007	Computing and Processing
220	Energy Efficiency in Wireless Networks via Fractional Programming Theory	9781680830422	Zappone	8187084	2015	Communication, Networking and Broadcast Technologies; Computing and Processing
221	Energy Harvesting and Power Delivery for Implantable Medical Devices	9781601986863	Tsui	8187506	2013	Bioengineering; Components, Circuits, Devices and Systems
222	Energy in Robotics	9781680833126	Folkertsma	8186841	2017	Power, Energy and Industry Applications; Robotics and Control Systems
223	Enterprise Personal Analytics: The Next Frontier in Individual Information Systems Research	9781680834604	Clohessy	8428806	2018	Computing and Processing
224	Error-Efficient Computing Systems	9781680833584	Stanley-Marbell	8275578	2017	Computing and Processing
225	Evasiveness of Graph Properties and Topological Fixed-Point Theorems	9781601986641	Miller	8186847	2013	Computing and Processing; General Topics for Engineers
226	Exertion Games	9781680832020	Mueller	8187044	2016	Computing and Processing
227	Experiential Knowledge Mining	9781601986887	Myaeng	8186980	2013	Computing and Processing
228	Expertise Retrieval	9781601985668	Balog	8187432	2012	Computing and Processing
229	Explainable Recommendation: A Survey and New Perspectives	9781680836585	Zhang	9034471	2020	Computing and Processing; General Topics for Engineers
230	Explaining the Success of Nearest Neighbor Methods in Prediction	9781680834543	Chen	8384208	2018	Computing and Processing; General Topics for Engineers

231	Explicit-Duration Markov Switching Models	9781601988300	Chiappa	8187522	2014	Computing and Processing
232	Expressing Information Flow Properties	9781680839364	Kozyri	9687444	2022	Computing and Processing; General Topics for Engineers
233	Extracting, Mining and Predicting Users' Interests from Social Media	9781680837384	Zarrinkalam	9250708	2020	Computing and Processing
234	Factor Graphs for Robot Perception	9781680833263	Dellaert	8187520	2017	Robotics and Control Systems; Computing and Processing
235	Fairness in Information Access Systems	9781638280408	Ekstrand	9828000	2022	Computing and Processing; General Topics for Engineers
236	Fast Uncovering of Graph Communities on a Chip: Toward Scalable Community Detection on Multicore and Manycore Platforms	9781680831320	Kalyanaraman	8187570	2016	Communication, Networking and Broadcast Technologies; Computing and Processing
237	Faster Algorithms via Approximation Theory	9781601988201	Sachdeva	8186933	2014	Computing and Processing
238	Federated Search	9781601984227	Shokouhi	8187416	2011	Computing and Processing
239	Finite-Time Stability Tools for Control and Estimation	9781680839265	Efimov	9646876	2021	Computing and Processing; Robotics and Control Systems
240	Formal Models and Techniques for Analyzing Security Protocols: A Tutorial	9781601989024	Cortier	8187592	2014	Computing and Processing

241	Foundational Issues in Touch-Surface Stroke Gesture Design: An Integrative Review	9781601986061	Zhai	8187096	2012	Computing and Processing
242	Foundations of Cryptography: A Primer	9781933019024	Goldreich	8187550	2005	Computing and Processing
243	Foundations of User-Centric Cell-Free Massive MIMO	9781680837902	Demir	9336188	2021	Communication, Networking and Broadcast Technologies
244	FPGA Architecture: Survey and Challenges	9781601981264	Kuon	8187326	2008	Components, Circuits, Devices and Systems; Computing and Processing
245	FPGA Design Automation: A Survey	9781933019383	Chen	8187072	2006	Components, Circuits, Devices and Systems; Computing and Processing
246	FPGA-Accelerated Analytics: From Single Nodes to Clusters	9781680837346	István	9209028	2020	Components, Circuits, Devices and Systems; Computing and Processing
247	From Bandits to Monte-Carlo Tree Search: The Optimistic Principle Applied to Optimization and Planning	9781601987662	Munos	8187198	2014	Computing and Processing; General Topics for Engineers
248	From Keyword Search to Exploration: Designing Future Search Interfaces for the Web	9781601983060	Wilson	8187494	2010	Computing and Processing
249	From Project Management to Team Integration: Key Issues in the Management of the Human Resource in Projects	9781601987006	Ravid	8187058	2013	General Topics for Engineers
250	Full-Reference Image Quality Metrics	9781601985262	Pedersen	8187524	2012	Computing and Processing; Signal Processing and Analysis
251	Fundamental Performance Limits in Cross-layer Wireless Optimization: Throughput, Delay, and Energy	9781601986184	Yeh	8187300	2012	Communication, Networking and Broadcast Technologies
252	Fundamentals of Diffusion-Based Molecular Communication in Nanonetworks	9781601988164	Pierobon	8187374	2014	Communication, Networking and Broadcast Technologies; Computing and Processing
253	Fundamentals of Electromagnetic Nanonetworks in the Terahertz Band	9781601987365	Jornet	8186761	2013	Communication, Networking and Broadcast Technologies; Fields, Waves and Electromagnetics

254	Fundamentals of Index Coding	9781680834925	Arbabjolfaei	8497038	2018	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
255	Game Theory: Models, Numerical Methods and Applications	9781601989086	Bauso	8187554	2014	General Topics for Engineers; Robotics and Control Systems
256	Gender-Inclusive HCI Research and Design: A Conceptual Review	9781680836561	Stumpf	9031688	2020	Computing and Processing; General Topics for Engineers
257	Generalized Coordination of Multi-robot Systems	9781680839029	Sakurama	9635754	2021	Components, Circuits, Devices and Systems; Computing and Processing; Robotics and Control Systems
258	Generalized Low Rank Models	9781680831405	Udell	8187482	2016	Computing and Processing
259	Geodesic Methods in Computer Vision and Computer Graphics	9781601983961	Peyré	8187172	2010	Computing and Processing; Signal Processing and Analysis
260	Geographic Information Retrieval: Progress and Challenges in Spatial Search of Text	9781680834123	Purves	8311405	2018	Computing and Processing
261	Geometric Programming for Communication Systems	9781933019093	Chiang	8187338	2005	Communication, Networking and Broadcast Technologies
262	Gossip Algorithms	9781601982360	Shah	8186762	2009	Computing and Processing
263	Graph Kernels: State-of-the-Art and Future Challenges	9781680837704	Borgwardt	9307216	2020	Computing and Processing; General Topics for Engineers
264	Graphical Models, Exponential Families, and Variational Inference	9781601981844	Wainwright	8187302	2008	Computing and Processing

265	Group Testing: An Information Theory Perspective	9781680835960	Aldridge	8926588	2019	Computing and Processing; Signal Processing and Analysis
266	Hardware Platform Security for Mobile Devices	9781680839760	Gunn	9792142	2022	Computing and Processing; Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems
267	Hashing, Load Balancing and Multiple Choice	9781680832822	Wieder	8186853	2017	Computing and Processing
268	HCI's Making Agendas	9781680833720	Bardzell	8275568	2017	Computing and Processing; General Topics for Engineers
269	Health Web Science	9781601988225	Luciano	8186941	2014	Bioengineering; Computing and Processing
270	High-Confidence Medical Device Software Development	9781680830682	Jiang	8187502	2015	Computing and Processing; Bioengineering
271	Higher-order Fourier Analysis and Applications	9781680835922	Hatami	8851368	2019	Computing and Processing; General Topics for Engineers
272	Human-Computer Interaction and Global Development	9781601983909	Toyama	8186935	2010	Computing and Processing
273	Human-Computer Interaction and International Public Policymaking: A Framework for Understanding and Taking Future Actions	9781680831108	Lazar	8187594	2016	Computing and Processing
274	Human-Food Interaction	9781680835762	Khot	8823067	2019	Computing and Processing; General Topics for Engineers

275	Human-Machine Interaction for Vehicles: Review and Outlook	9781680834147	Kun	8332903	2018	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Transportation; Robotics and Control Systems
276	Human-Robot Interaction: A Survey	9781601980922	Goodrich	8187364	2008	Computing and Processing; Robotics and Control Systems
277	Humanitarian Logistics: A New Field of Research and Action	9781601983367	Apte	8187566	2010	General Topics for Engineers
278	Hybrid Dynamical Systems: An Introduction to Control and Verification	9781601987846	Lin	8187294	2014	Robotics and Control Systems
279	Image Alignment and Stitching: A Tutorial	9781933019048	Szeliski	8187154	2006	Computing and Processing; Signal Processing and Analysis
280	Image and Video Matting: A Survey	9781601981349	Wang	8186893	2008	Computing and Processing; Signal Processing and Analysis
281	Image Wavelet Coding Systems: Part II of Set Partition Coding and Image Wavelet Coding Systems	9781601981806	Pearlman	8637147	2008	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Signal Processing and Analysis
282	Image-Based Rendering	9781601980182	Kang	8187340	2007	Computing and Processing
283	Improving HCI with Brain Input: Review, Trends, and Outlook	9781680838145	Solovey	9420408	2021	Computing and Processing
284	Incidence Theorems and Their Applications	9781601986207	Dvir	8186618	2012	General Topics for Engineers
285	Inclusive Security: Digital Security Meets Web Science	9781680837827	Coles-Kemp	9307212	2020	Computing and Processing; General Topics for Engineers
286	Information Combining	9781933019468	Land	8187012	2006	Computing and Processing
287	Information Extraction	9781601981882	Sarawagi	8187514	2008	Computing and Processing
288	Information Relaxations and Duality in Stochastic Dynamic Programs: A Review and Tutorial	9781680839623	Brown	9740053	2022	Computing and Processing
289	Information Retrieval for E-Discovery	9781601986788	Oard	8187564	2013	Computing and Processing
290	Information Retrieval on the Blogosphere	9781601985682	Santos	8187022	2012	Computing and Processing
291	Information Retrieval with Verbose Queries	9781680830446	Gupta	8187446	2015	Computing and Processing

292	Information Retrieval: The Early Years	9781680835847	Harman	8759000	2019	Computing and Processing
293	Information Systems Success Measurement	9781680831429	DeLone	8187232	2016	Computing and Processing
294	Information Technology Alignment and Innovation: 30 Years of Intersecting Research	9781680838169	Chan	9435149	2021	Computing and Processing; General Topics for Engineers
295	Information Technology and Entrepreneurship: Factors that Shape Investment Support for Innovation	9781680836028	Storey	9051774	2019	Computing and Processing
296	Information Technology for Active Ageing: A Review of Theory and Practice	9781601989222	Parra	8187138	2014	Computing and Processing
297	Information Theoretic Security	9781601982407	Liang	8187250	2009	Computing and Processing
298	Information Theory and Statistics: A Tutorial	9781933019055	Csiszár	8187590	2004	General Topics for Engineers

299	Information-Theoretic Foundations of DNA Data Storage	9781680839562	Shomorony	9721712	2022	Communication, Networking and Broadcast Technologies; Computing and Processing; Bioengineering; Bioengineering
300	Information-Theoretic Foundations of Mismatched Decoding	9781680837124	Scarlett	9184208	2020	Computing and Processing
301	Innovative, Creative and Sustainable Decision-Making in Changing Contexts	9781638280101	Humphreys	9810135	2022	Computing and Processing; General Topics for Engineers
302	Inside the Organizational Learning Curve: Understanding the Organizational Learning Process	9781601984326	Lapré	8187576	2011	Power, Energy and Industry Applications
303	Integrated Modeling for Location Analysis	9781680831900	Mak	8186792	2016	Power, Energy and Industry Applications; Computing and Processing
304	Integrated Risk Management in Supply Chains	9781680833782		8637137	2017	Computing and Processing; General Topics for Engineers
305	Interaction Design and Children	9781601981288	Hourcade	8187028	2008	Computing and Processing
306	Interactive Information Visualization to Explore and Query Electronic Health Records	9781601986429	Rind	8186949	2013	Bioengineering; Computing and Processing
307	Interactive Sensing and Decision Making in Social Networks	9781601988126	Krishnamurthy	8186970	2014	Communication, Networking and Broadcast Technologies; Computing and Processing
308	Interference Alignment: A New Look at Signal Dimensions in a Communication Network	9781601984746	Jafar	8186780	2011	Communication, Networking and Broadcast Technologies; Signal Processing and Analysis
309	Interference in Large Wireless Networks	9781601982988	Haenggi	8187468	2009	Communication, Networking and Broadcast Technologies; Signal Processing and Analysis
310	Introduction to Frames	9781601980687	Kovacevic	8187510	2008	Signal Processing and Analysis
311	Introduction to Multi-Armed Bandits	9781680836202	Slivkins	8895728	2019	Computing and Processing; General Topics for Engineers
312	Introduction to Neural Network Verification	9781680839104	Albarghouthi	9635765	2021	Computing and Processing; Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems
313	Introduction to Online Convex Optimization	9781680831702	Hazan	8186825	2016	Computing and Processing; General Topics for Engineers
314	Inventory Management: Modeling Real-life Supply Chains and Empirical Validity	9781680834161	de Kok	8360743	2018	Computing and Processing; General Topics for Engineers
315	IT Project Management: Lessons Learned from Project Retrospectives 1999-2020	9781680837766	Nelson	9316007	2021	Computing and Processing; General Topics for Engineers
316	Kernel Mean Embedding of Distributions: A Review and Beyond	9781680832884	Muandet	8187176	2017	Computing and Processing
317	Kernel Methods in Computer Vision	9781601982681	Lampert	8187236	2009	Computing and Processing
318	Kernels for Vector-Valued Functions: A Review	9781601985583	Álvarez	8187598	2012	Computing and Processing
319	Key Communication Techniques for Underground Sensor Networks	9781601985507	Sun	8186911	2012	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems
320	Knowledge Graphs: An Information Retrieval Perspective	9781680837285	Reinanda	9228848	2020	Computing and Processing

321	Languages and Tools for Hybrid Systems Design	9781933019284	Carloni	8187430	2006	Computing and Processing
322	Laser and Radar Based Robotic Perception	9781601984722	Adams	8187382	2011	Computing and Processing; Robotics and Control Systems
323	Last-mile Supply Network Distribution in Omni-Channel Retailing: A Configuration-Based Typology	9781680831849	Lim	8187306	2016	Computing and Processing
324	Lattice-Reduction-Aided and Integer-Forcing Equalization: Structures, Criteria, Factorization, and Coding	9781680836448	Fischer	8930408	2019	Computing and Processing; General Topics for Engineers
325	Learning Deep Architectures for AI	9781601982940	Bengio	8187120	2009	Computing and Processing
326	Learning in Repeated Auctions	9781680839388	Nedelec	9714242	2022	Computing and Processing; General Topics for Engineers
327	Learning Representation and Control in Markov Decision Processes: New Frontiers	9781601982384	Mahadaven	8186983	2009	General Topics for Engineers
328	Learning to Rank for Information Retrieval	9781601982445	Liu	8186875	2009	Computing and Processing
329	Learning with Submodular Functions: A Convex Optimization Perspective	9781601987563	Bach	8187292	2013	Computing and Processing; General Topics for Engineers
330	Learning-Based Control: A Tutorial and Some Recent Results	9781680837520	Jiang	9288868	2020	Computing and Processing; General Topics for Engineers
331	LifeLogging: Personal Big Data	9781601988027	Gurrin	8187054	2014	Computing and Processing
332	Line Drawings from 3D Models: A Tutorial	9781680835908	Bénard	8836428	2019	Computing and Processing
333	Local Invariant Feature Detectors: A Survey	9781601981387	Tuytelaars	8187492	2008	Computing and Processing; Signal Processing and Analysis
334	Locally Decodable Codes	9781601985446	Yekhanin	8187466	2012	Computing and Processing
335	Logical Control of Complex Resource Allocation Systems	9781680832501	Reveliotis	8187194	2017	Robotics and Control Systems
336	Long Range Dependence	9781601980908	Samorodnitsky	8637131	2007	Computing and Processing; General Topics for Engineers
337	Longitudinal Author Cocitation Mapping: The Changing Structure of Decision Support Systems Research (1969-2012)	9781680831207	Eom	8186966	2016	Computing and Processing
338	Low-Dimensional-Model-based Electromagnetic Imaging: A Survey	9781680834628	Li	8384198	2018	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Fields, Waves and Electromagnetics; Signal Processing and Analysis
339	Low-Rank Semidefinite Programming: Theory and Applications	9781680831368	Lemon	8186964	2016	Computing and Processing; Communication, Networking and Broadcast Technologies; Signal Processing and Analysis
340	Lower Bounds in Communication Complexity	9781601982582	Lee	8187308	2009	Computing and Processing
341	Lx = b	9781601989468	Vishnoi	8187368	2013	Computing and Processing
342	Machine Knowledge Subtitle: Creation and Curation of Comprehensive Knowledge Bases	9781680838367	Weikum	9483802	2021	Computing and Processing; General Topics for Engineers
343	Machine Learning for Automated Theorem Proving: Learning to Solve SAT and QSAT	9781680838985	Holden	9624176	2021	Computing and Processing; General Topics for Engineers

344	Main Memory Database Systems	9781680833249	Faerber	8187186	2017	Computing and Processing
345	Majorization and Matrix Monotone Functions in Wireless Communications	9781601980403	Jorswieck	8187132	2007	Communication, Networking and Broadcast Technologies
346	Management Accounting Information Properties and Operations Management	9781680834260	Dierynck	8345705	2018	Computing and Processing; Components, Circuits, Devices and Systems; General Topics for Engineers
347	Management Systems Standards: Diffusion, Impact and Governance of ISO 9000, ISO 14000, and Other Management Standards	9781601988843	Castka	8186883	2015	General Topics for Engineers
348	Managing Supply Chain Disruptions	9781601982902	Vakharia	8186764	2009	Power, Energy and Industry Applications
349	Manufacturability Aware Routing in Nanometer VLSI	9781601983503	Pan	8186851	2010	Computing and Processing
350	Markov Random Fields in Image Segmentation	9781601985880	Kato	8187136	2012	General Topics for Engineers; Signal Processing and Analysis
351	Massive MIMO Networks: Spectral, Energy, and Hardware Efficiency	9781680833645	Björnson	8187178	2017	Communication, Networking and Broadcast Technologies
352	Massive MIMO Networks: Spectral, Energy, and Hardware Efficiency	9781680839852	Björnson	8277240	2017	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Signal Processing and Analysis
353	Massively Parallel Databases and MapReduce Systems	9781601987501	Babu	8187252	2013	Computing and Processing
354	Matching Supply and Demand for Hospital Services	9781680831085	Gupta	8187220	2016	Bioengineering
355	Materialized Views	9781601986221	Chirkova	8187272	2012	Computing and Processing
356	Mathematical Aspects of Mixing Times in Markov Chains	9781933019291	Montenegro	8186955	2006	General Topics for Engineers
357	Mathematical Programming Approaches for Multi-Vehicle Motion Planning: Linear, Nonlinear, and Mixed Integer Programming	9781601987228	Abichandani	8186770	2013	Robotics and Control Systems; Computing and Processing
358	Mesh Parameterization Methods and Their Applications	9781933019437	Sheffer	8186827	2006	General Topics for Engineers
359	Methods and Techniques for Involving Children in the Design of New Technology for Children	9781601987204	Fails	8187496	2013	Computing and Processing
360	Methods for Evaluating Interactive Information Retrieval Systems with Users	9781601982247	Kelly	8187092	2009	Computing and Processing
361	Methods for Location Privacy: A comparative overview	9781680833669	Chatzikokolakis	8275586	2017	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
362	Metric Learning: A Survey	9781601986962	Kulis	8186753	2013	Computing and Processing
363	Micro-Scale Mobile Robotics	9781601987105	Diller Eric	8187266	2013	Components, Circuits, Devices and Systems; Computing and Processing; Robotics and Control Systems
364	Millimeter Wave Vehicular Communications: A Survey	9781680831481	Va	8187182	2016	Communication, Networking and Broadcast Technologies; Transportation; Signal Processing and Analysis
365	MIMO Transceiver Design via Majorization Theory	9781601980304	Palomar	8187038	2007	Communication, Networking and Broadcast Technologies

366	Minds Online: The Interface between Web Science, Cognitive Science and the Philosophy of Mind	9781680833225	Smart	8275576	2017	Computing and Processing; Components, Circuits, Devices and Systems; General Topics for Engineers
367	Minimum Probability of Error Image Retrieval	9781601986085	Vasconcelos	8187144	2012	Computing and Processing
368	Minimum-Distortion Embedding	9781680838886	Agrawal	9534723	2021	Computing and Processing; Signal Processing and Analysis
369	Mining Query Logs: Turning Search Usage Data into Knowledge	9781601982827	Silvestri	8187094	2009	Computing and Processing

370	Modeling and Optimization of Latency in Erasure-coded Storage Systems	9781680838428	Aggarwal	9483800	2021	Components, Circuits, Devices and Systems; Computing and Processing
371	Modeling and Optimization of the Smart Grid Ecosystem	9781680831580	Koutsopoulos	8187276	2016	Communication, Networking and Broadcast Technologies; Power, Energy and Industry Applications; Computing and Processing
372	Modeling and Simulation of Skeletal Muscle For Computer Graphics: A Survey	9781601985521	Lee	8187076	2012	Bioengineering; Computing and Processing
373	Modeling and Verifying Security Protocols with the Applied Pi Calculus and ProVerif	9781680832068	Blanchet	8186937	2016	Computing and Processing
374	Modeling, Control, State Estimation and Path Planning Methods for Autonomous Multirotor Aerial Robots	9781680835489	Papachristos	8595409	2018	Aerospace; Components, Circuits, Devices and Systems; Computing and Processing; Robotics and Control Systems; Transportation
375	Modern B-Tree Techniques	9781601984821	Graefe	8186786	2011	Computing and Processing
376	Modern Datalog Engines	9781638280422	Ketsman	9812515	2022	Computing and Processing
377	Modern Random Access Protocols	9781680832167	Berioli	8187056	2016	Communication, Networking and Broadcast Technologies; Computing and Processing
378	Monocular Model-Based 3D Tracking of Rigid Objects: A Survey	9781933019031	Lepetit	8187270	2005	Computing and Processing; Signal Processing and Analysis
379	Monotonic Optimization in Communication and Networking Systems	9781601987082	Zhang	8187134	2013	Communication, Networking and Broadcast Technologies; Computing and Processing; Signal Processing and Analysis
380	Monotonicity in Markov Reward and Decision Chains: Theory and Applications	9781601980281	Koole	8637129	2007	Components, Circuits, Devices and Systems; Computing and Processing; General Topics for Engineers; Power, Energy and Industry Applications
381	Multi-Period Trading via Convex Optimization	9781680833287	Boyd	8186945	2017	General Topics for Engineers
382	Multi-View Stereo: A Tutorial	9781601988362	Furukawa	8637125	2015	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Signal Processing and Analysis
383	Multi-way Communications: An Information Theoretic Perspective	9781601987884	Chaaban	8186899	2015	Communication, Networking and Broadcast Technologies
384	Multidimensional Filter Banks and Multiscale Geometric Representations	9781601985842	Do	8187030	2012	Computing and Processing
385	Multihop Wireless Networks: A Unified Approach to Relaying and Interference Management	9781601989048	Shomorony	8186947	2014	Communication, Networking and Broadcast Technologies; Computing and Processing
386	Multiple Reference Motion Compensation: A Tutorial Introduction and Survey	9781601982520	Leontaris	8186798	2009	Computing and Processing; Signal Processing and Analysis

387	Multiterminal Secrecy by Public Discussion	9781680831863	Narayan	8187454	2016	Computing and Processing
388	Music Information Retrieval: Recent Developments and Applications	9781601988065	Schedl	8187204	2014	Computing and Processing
389	Music Retrieval: A Tutorial and Review	9781933019390	Orio	8186869	2006	Computing and Processing
390	Natural Language Interfaces to Data	9781638280286	Quamar	9785669	2022	Computing and Processing
391	Natural Language Processing as a Foundation of the Semantic Web	9781601982100	Wilks	8187064	2009	Computing and Processing
392	Network and Protocol Architectures for Future Satellite Systems	9781680833348	de Cola	8327571	2017	Aerospace; Communication, Networking and Broadcast Technologies
393	Network Coding Applications	9781601980441	Fragouli	8187534	2008	Communication, Networking and Broadcast Technologies; Computing and Processing
394	Network Coding Fundamentals	9781601980328	Fragouli	8187170	2007	Communication, Networking and Broadcast Technologies; Computing and Processing

395	Network Coding Theory	9781933019246	Yeung	8187068	2006	Communication, Networking and Broadcast Technologies; Computing and Processing
396	Network Optimization and Control	9781601981028	Shakkottai	8187244	2008	Robotics and Control Systems; Computing and Processing
397	Network-Based Analysis of Rotor Angle Stability of Power Systems	9781680837780	Song	9272808	2020	Components, Circuits, Devices and Systems; Power, Energy and Industry Applications
398	Neural Approaches to Conversational AI: Question Answering, Task-oriented Dialogues and Social Chatbots	9781680835526	Gao	8649787	2019	Computing and Processing; General Topics for Engineers
399	Neurosymbolic Programming	9781680839340	Chaudhuri	9646874	2021	Computing and Processing
400	Nominal Game Semantics	9781680831061	Murawski	8187352	2016	General Topics for Engineers
401	Non-Boolean Computing with Spintronic Devices	9781680833621	Roxy	8275582	2018	Computing and Processing
402	Non-convex Optimization for Machine Learning	9781680833683	Jain	8275574	2017	Computing and Processing; General Topics for Engineers
403	Nonlinear Model Reduction by Moment Matching	9781680833300	Scarciotti	8187282	2017	Robotics and Control Systems
404	Numerical Simulation and Modelling of Electronic and Biochemical Systems	9781601983046	Roychowdhury	8187488	2009	Bioengineering; Components, Circuits, Devices and Systems
405	Object Categorization	9781933019130	Pinz	8186788	2006	Computing and Processing
406	Observability of Hybrid Dynamical Systems	9781680832204	De Santis	8187114	2016	Robotics and Control Systems
407	Observability Properties and Deterministic Algorithms in Visual-Inertial Structure from Motion	9781601987389	Martinelli	8187490	2013	Computing and Processing
408	On Doubly-Efficient Interactive Proof Systems	9781680834246	Goldreich	8344481	2018	Computing and Processing; General Topics for Engineers
409	On Replenishment Rules, Forecasting and the Bullwhip Effect in Supply Chains	9781601981325	Disney	8187152	2008	General Topics for Engineers; Power, Energy and Industry Applications
410	On the Concentration Properties of Interacting Particle Processes	9781601985125	Del Moral	8187562	2012	Computing and Processing
411	On the Control of Multi-Agent Systems: A Survey	9781680835823	Chen	8755265	2019	Computing and Processing; Components, Circuits, Devices and Systems; Robotics and Control Systems

412	On the Power of Small-Depth Computation	9781601983008	Viola	8187088	2009	Computing and Processing
413	On the Sensitivity of the Critical Transmission Range: Lessons from the Lonely Dimension	9781601987068	Makowski	8187304	2013	Communication, Networking and Broadcast Technologies; Computing and Processing
414	On-Chip Dynamic Resource Management	9781680835786	Miele	8753489	2019	Computing and Processing; Power, Energy and Industry Applications
415	Online Evaluation for Information Retrieval	9781680831634	Hofmann	8187018	2016	Computing and Processing
416	Online Learning and Online Convex Optimization	9781601985460	Shalev-Shwartz	8187324	2012	Computing and Processing
417	Online Learning Methods for Networking	9781601989161	Tekin	8187428	2015	Communication, Networking and Broadcast Technologies; Computing and Processing
418	Online Matching and Ad Allocation	9781601987181	Mehta	8187434	2013	Computing and Processing
419	Open Source Software: A Survey from 10,000 Feet	9781601984845	AndroutsellisTheotoki	8186929	2011	Computing and Processing
420	Open-Domain Question Answering	9781601980526	Prager	8187376	2007	Computing and Processing
421	Operating Characteristics for Classical and Quantum Binary Hypothesis Testing	9781680838824	Medlock	9618883	2021	Computing and Processing; General Topics for Engineers
422	Operating Regimes of Large Wireless Networks	9781601985026	Özgür	8187192	2011	Communication, Networking and Broadcast Technologies; Computing and Processing

423	Operations in Financial Services: Processes, Technologies, and Risks	9781680833362	Pinedo	8275564	2017	General Topics for Engineers; Computing and Processing
424	Operator Splitting Methods in Control	9781680831740	Stathopoulos	8186774	2016	Robotics and Control Systems
425	Opinion Mining and Sentiment Analysis	9781601981509	Pang	8187070	2008	Computing and Processing
426	Opportunistic Routing in Wireless Networks	9781680831504	Javidi	8187240	2016	Communication, Networking and Broadcast Technologies; Computing and Processing
427	Optimal Resource Allocation in Coordinated Multi-Cell Systems	9781601986382	Björnson	8187586	2013	Communication, Networking and Broadcast Technologies; Signal Processing and Analysis
428	Optimization Methods for Financial Index Tracking: From Theory to Practice	9781680834642	Benidis	8384194	2018	Computing and Processing; General Topics for Engineers
429	Optimization with Sparsity-Inducing Penalties	9781601985101	Bach	8187544	2012	Computing and Processing
430	Parallel Circuit Simulation: A Historical Perspective and Recent Developments	9781601985149	Li	8186897	2012	Components, Circuits, Devices and Systems; Computing and Processing
431	Partial Derivatives in Arithmetic Complexity and Beyond	9781601984807	Chen	8187384	2011	Computing and Processing
432	Particle Filters for Robot Navigation	9781601987587	Stachniss	8187422	2014	Components, Circuits, Devices and Systems; Computing and Processing; Robotics and Control Systems
433	Patent Retrieval	9781601986481	Lupu	8186976	2013	Computing and Processing
434	Pathwise Independence and Derandomization	9781933019222	Luby	8187264	2006	General Topics for Engineers
435	Patient-Generated Health Data: Dimensions, Challenges, and Open Questions	9781680836684	Costa Figueiredo	9076788	2020	Bioengineering; Communication, Networking and Broadcast Technologies; Computing and Processing

436	Pattern Matching in Compressed Texts and Images	9781601986849	Adjeroh	8187124	2013	Computing and Processing; Signal Processing and Analysis
437	Patterns and Themes in Designing with Children	9781680836608	Korte	9055348	2020	Computing and Processing; General Topics for Engineers
438	Patterns of Scalable Bayesian Inference	9781680832181	Angelino	8186814	2016	Computing and Processing
439	Performance Analysis of Linear Codes under Maximum-Likelihood Decoding: A Tutorial	9781933019321	Sason	8186913	2006	General Topics for Engineers; Computing and Processing; Communication, Networking and Broadcast Technologies
440	Performance Bounds and Suboptimal Policies for Multi-Period Investment	9781601986726	Boyd	8186766	2014	General Topics for Engineers
441	Performance Improvement in Health Care Organizations	9781680831924	Song	8187448	2016	Bioengineering; Power, Energy and Industry Applications
442	Personal Fabrication	9781680832587	Baudisch	8187166	2017	Computing and Processing
443	Pervasive Computing for Hospital, Chronic, and Preventive Care	9781601985620	Tentori	8186837	2012	Computing and Processing
444	Pointer Analysis	9781680830200	Smaragdakis	8186778	2015	Computing and Processing
445	Polarization and Polar Codes	9781601985965	Sasoglu	8187298	2012	Computing and Processing
446	Polynomial Methods in Statistical Inference: Theory and Practice	9781680837308	Wu	9222468	2020	General Topics for Engineers
447	Pondering the Fault Lines of Anywhere Working (Telework, Telecommuting): A Literature Review	9781601988768	Blount	8186757	2015	Computing and Processing
448	Port Inter-Organizational Information Systems: Capabilities to Service Global Supply Chains	9781601982780	van Baalen	8186951	2009	Computing and Processing
449	Port-Hamiltonian Systems Theory: An Introductory Overview	9781601987860	van der Schaft	8187102	2014	Robotics and Control Systems
450	Positive Markov Jump Linear Systems	9781680830965	Bolzern	8187518	2015	Computing and Processing
451	Post-WIMP Interaction for Information Visualization	9781680838268	Lee	9454569	2021	Computing and Processing

452	Power Control in Wireless Cellular Networks	9781601981363	Chiang	8187322	2008	Communication, Networking and Broadcast Technologies; Power, Energy and Industry Applications
453	Power Modeling and Characterization of Computing Devices: A Survey	9781601985606	Reda	8186810	2012	Computing and Processing
454	Precomputation-Based Rendering	9781601982209	Ramamoorthi	8187036	2009	Computing and Processing
455	Principles and Implementation Techniques of Software-Based Fault Isolation	9781680833447	Tan	8187040	2017	Computing and Processing
456	Principles of Appearance Acquisition and Representation	9781601982544	Weyrich	8187418	2009	Computing and Processing
457	Principles of Eventual Consistency	9781601988584	Burckhardt	8187400	2014	Computing and Processing
458	Privacy-Preserving Data Publishing	9781601982766	Chen	8187334	2009	Computing and Processing
459	Probabilistic Proof Systems: A Primer	9781601981523	Goldreich	8187558	2008	Computing and Processing
460	Process Theory: Background, Opportunity, and Challenges	9781680838060	Niederman	9409798	2021	Computing and Processing; General Topics for Engineers
461	Program Synthesis	9781680832921	Gulwani	8187066	2017	Computing and Processing
462	Programming with "Big Code"	9781680832303	Yahav	8187542	2016	Computing and Processing

463	Progress of Concurrent Objects	9781680836721	Liang	9097104	2020	Computing and Processing
464	Property Testing: A Learning Theory Perspective	9781601981820	Ron	8186907	2008	Computing and Processing
465	Provenance in Databases: Why, How, and Where	9781601982322	Cheney	8186861	2009	Computing and Processing
466	Proximal Algorithms	9781601987167	Parikh	8187362	2014	General Topics for Engineers
467	Pseudorandomness	9781601985941	Vadhan	8186802	2012	Computing and Processing
468	Psychology-informed Recommender Systems	9781680838442	Lex	9495247	2021	Computing and Processing; General Topics for Engineers
469	Publishing and Consuming 3D Content on the Web: A Survey	9781680835366	Potenziani	8576982	2018	Computing and Processing; General Topics for Engineers
470	QED at Large: A Survey of Engineering of Formally Verified Software	9781680835946	Ringer	8824174	2019	Computing and Processing
471	QoS-Based Resource Allocation and Transceiver Optimization	9781933019314	Schubert	8186974	2006	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems
472	Qualitative and Critical Research in Information Systems and Human-Computer Interaction: Divergent and Convergent Paths	9781680835564	Wynn	8752265	2019	Computing and Processing
473	Quantity Discounts: An Overview and Practical Guide for Buyers and Sellers	9781601988881	Munson	8187470	2015	General Topics for Engineers
474	Quantum Hamiltonian Complexity	9781680830064	Gharibian	8187342	2015	Computing and Processing
475	Quantum Proofs	9781680831269	Vidick	8186772	2016	Computing and Processing
476	Query Processing on Probabilistic Data: A Survey	9781680833140	Van den Broeck	8186796	2017	Computing and Processing
477	Radiation-induced Soft Error: A Chip-level Modeling	9781601983947	Seifert	8187026	2010	Components, Circuits, Devices and Systems; Computing and Processing; Engineered Materials, Dielectrics and Plasmas
478	Random Matrix Theory and Wireless Communications	9781933019000	Tulino	8187216	2004	Communication, Networking and Broadcast Technologies; General Topics for Engineers
479	Random-Set Theory and Wireless Communications	9781601985705	Biglieri	8187552	2012	Communication, Networking and Broadcast Technologies; General Topics for Engineers
480	Randomized Algorithms for Matrices and Data	9781601985064	Mahoney	8187286	2011	Computing and Processing
481	Rank-Metric Codes and Their Applications	9781638280002	Bartz	9767796	2022	Computing and Processing; General Topics for Engineers

482	Raptor Codes	9781601984463	Shokrollahi	8186909	2011	Communication, Networking and Broadcast Technologies; General Topics for Engineers
483	Rate Distortion Bounds for Voice and Video	9781601987785	Gibson	8186845	2014	Communication, Networking and Broadcast Technologies; Computing and Processing; Signal Processing and Analysis
484	Real Options and Merchant Operations of Energy and Other Commodities	9781601988423	Secomandi	8186808	2014	Computing and Processing; Power, Energy and Industry Applications
485	Recent Advances in Clock Synchronization for Packet-Switched Networks	9781680837261	Karthik	9199508	2020	Components, Circuits, Devices and Systems; Communication, Networking and Broadcast Technologies; Signal Processing and Analysis

486	Reconciling Abstraction with High Performance: A MetaOCaml approach	9781680834369	Kiselyov	8384206	2018	Computing and Processing; General Topics for Engineers
487	Redundancy of Lossless Data Compression for Known Sources by Analytic Methods	9781680832846	Drmota	8187008	2017	Communication, Networking and Broadcast Technologies; General Topics for Engineers
488	Refinement Types: A Tutorial	9781680838848	Jhala	9562475	2021	Computing and Processing
489	Regret Analysis of Stochastic and Nonstochastic Multi-armed Bandit Problems	9781601986269	Bubeck	8187572	2012	General Topics for Engineers
490	Rehabilitation Robotics	9781601987402	Riener	8187104	2013	Bioengineering; Robotics and Control Systems
491	Reliability Criteria in Information Theory and in Statistical Hypothesis Testing	9781601980465	Haroutunian	8187074	2008	General Topics for Engineers
492	Reliability Standards for the Operation and Planning of Future Electricity Networks	9781680831825	Strbac	8637151	2016	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Power, Energy and Industry Applications; Fields, Waves and Electromagnetics
493	Research Fiction and Thought Experiments in Design	9781680834185	Blythe	8384202	2018	Computing and Processing; Robotics and Control Systems; Components, Circuits, Devices and Systems
494	Resilient Control in Cyber-Physical Systems: Countering Uncertainty, Constraints, and Adversarial Behavior	9781680835861	Weerakkody	8920188	2019	Components, Circuits, Devices and Systems; Robotics and Control Systems; Power, Energy and Industry Applications
495	Resource Allocation and Cross Layer Control in Wireless Networks	9781933019260	Georgiadis	8186905	2006	Communication, Networking and Broadcast Technologies; Robotics and Control Systems
496	Resource-aware Automotive Control Systems Design: A Cyber-Physical Systems Approach	9781680832389	Chang	8187158	2016	Robotics and Control Systems; Transportation; Computing and Processing
497	Rethinking Biased Estimation: Improving Maximum Likelihood and the Cramer-Rao Bound	9781601981301	Eldar	8187440	2008	Signal Processing and Analysis
498	Revisiting the Frontiers of Analog and Mixed-Signal Integrated Circuits Architectures and Techniques towards the future Internet of Everything (IoE) Applications	9781680838923	Martins	9604003	2021	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
499	RFID and the Internet of Things: Technology, Applications, and Security Challenges	9781601984449	Evdokimov	8187188	2011	Components, Circuits, Devices and Systems; Power, Energy and Industry Applications; Computing and Processing
500	Rigorous System Design	9781601986603	Sifakis	8186804	2013	Computing and Processing
501	Risk-Sensitive Reinforcement Learning via Policy Gradient Search	9781638280262	L. A.	9798793	2022	Computing and Processing
502	Rivers and Electric Networks: Crossing Disciplines in Modeling and Simulation	9781601987723	Hodges	8187050	2014	Components, Circuits, Devices and Systems
503	Robotics in the AI era: A vision for a Hellenic Robotics Initiative	9781680839142	Pappas	9635763	2021	Computing and Processing; Components, Circuits, Devices and Systems; Robotics and Control Systems
504	Robust Estimation and Applications in Robotics	9781680832143	Bosse	8187472	2016	Robotics and Control Systems; General Topics for Engineers

505	Robust Project Scheduling	9781601984340	Demeulemeester	8187126	2011	Power, Energy and Industry Applications
506	Scalable Algorithms for Data and Network Analysis	9781680831306	Teng	8187498	2016	Communication, Networking and Broadcast Technologies; Computing and Processing
507	Scaling Laws for Ad-Hoc Wireless Networks: An Information Theoretic Approach	9781933019369	Xue	8187480	2006	Communication, Networking and Broadcast Technologies
508	Scheduling in Wireless Networks	9781601984203	Pantelidou	8187312	2011	Communication, Networking and Broadcast Technologies; Computing and Processing
509	Search and Discovery in Personal Email Collections	9781680838381	Bendersky	9478337	2021	Computing and Processing
510	Search Interface Design and Evaluation	9781680839227	Liu	9650791	2021	Computing and Processing; General Topics for Engineers
511	Search Result Diversification	9781680830002	Santos	8187224	2015	Computing and Processing
512	Searching the Enterprise	9781680833041	Kruschwitz	8187412	2017	Computing and Processing
513	Secure Distributed Data Aggregation	9781601984500	Chan	8187200	2011	Computing and Processing
514	Secure Processors Part I: Background, Taxonomy for Secure Enclaves and Intel SGX Architecture	9781680833003	Costan	8186867	2017	Computing and Processing
515	Secure Processors Part II: Intel SGX Security Analysis and MIT Sanctum Architecture	9781680833027	Costan	8187110	2017	Computing and Processing
516	Self-Powered Wearable IoT Devices for Health and Activity Monitoring	9781680837483	Bhat	9265428	2020	Bioengineering; Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
517	Semantic Matching in Search	9781601988041	Li	8187548	2014	Computing and Processing
518	Semantic Search on Text and Knowledge Bases	9781680831641	Bast	8187206	2016	Computing and Processing
519	Semantics for Robotic Mapping, Perception and Interaction: A Survey	9781680837681	Garg	9307214	2020	Computing and Processing; Components, Circuits, Devices and Systems; Robotics and Control Systems; Signal Processing and Analysis; General Topics for Engineers; Communication, Networking and Broadcast Technologies
520	Semialgebraic Proofs and Efficient Algorithm Design	9781680836363	Fleming	8931168	2019	Computing and Processing; General Topics for Engineers
521	Sensing and Filtering: A Fresh Perspective Based on Preimages and Information Spaces	9781601985248	LaValle	8186873	2012	Robotics and Control Systems; Signal Processing and Analysis
522	Sensor Fault Diagnosis	9781680831283	Reppa	8186835	2016	Robotics and Control Systems; Signal Processing and Analysis
523	Service Industrialization, Employment and Wages in the US Information Economy	9781680836943	Nath	9132977	2020	General Topics for Engineers
524	Set Partition Coding: Part I of Set Partition Coding and Image Wavelet Coding Systems	9781601981783	Pearlman	8187048	2008	Computing and Processing; General Topics for Engineers
525	Shape Analysis	9781680837322	Chang	9214808	2020	Computing and Processing
526	Sketching as a Tool for Numerical Linear Algebra	9781680830040	Woodruff	8187442	2014	Computing and Processing

527	Smart Connected Buildings Design Automation: Foundations and Trends	9781680831009	Maasoumy	8187274	2016	Communication, Networking and Broadcast Technologies; Robotics and Control Systems; Power, Energy and Industry Applications
528	Smart Healthcare	9781680834406	Yin	8384196	2018	Bioengineering; Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
529	Soft-Material Robotics	9781680832648	Wang	8187262	2017	Robotics and Control Systems
530	Solving Free-boundary Problems with Applications in Finance	9781601981684	Muthuraman	8637141	2008	Computing and Processing; General Topics for Engineers; Robotics and Control Systems
531	Some Whys and Hows of Experiments in Human-Computer Interaction	9781601986825	Hornbaek	8186818	2013	Computing and Processing
532	Source Coding: Part I of Fundamentals of Source and Video Coding	9781601984081	Wiegand	8187354	2011	Computing and Processing; Signal Processing and Analysis
533	Sparse Modeling for Image and Vision Processing	9781680830088	Mairal	8186855	2014	Computing and Processing; Signal Processing and Analysis
534	Sparse Regression Codes	9781680835809	Venkataramanan	8743546	2019	Communication, Networking and Broadcast Technologies; Computing and Processing
535	Sparse Sensing for Statistical Inference	9781680832365	Chepuri	8186755	2016	Computing and Processing; Signal Processing and Analysis
536	Spectral Algorithms	9781601982742	Kannan	8187296	2009	Computing and Processing
537	Spectral Learning on Matrices and Tensors	9781680836400	Janzamin	8918128	2019	Computing and Processing; Components, Circuits, Devices and Systems; General Topics for Engineers
538	Spectral Methods for Data Science: A Statistical Perspective	9781680838961	Chen	9584021	2021	Computing and Processing; General Topics for Engineers
539	Speech Analytics for Actionable Insights: Current Status, Recommendation, and Guidance	9781680836967	Shim	9123528	2020	Communication, Networking and Broadcast Technologies; Computing and Processing; Signal Processing and Analysis
540	Spoken Content Retrieval: A Survey of Techniques and Technologies	9781601985286	Larson	8186959	2012	Computing and Processing
541	Stable Throughput Regions in Wireless Networks	9781601987822	Kompella	8186831	2014	Communication, Networking and Broadcast Technologies
542	Static Analysis and Verification of Aerospace Software by Abstract Interpretation	9781601988560	Julien Bertrane	8187190	2015	Aerospace; Computing and Processing
543	Statistical Language Models for Information Retrieval: A Critical Review	9781601981868	Zhai	8187530	2008	Computing and Processing
544	Statistical Methods and Models for Video-based Tracking, Modeling, and Recognition	9781601983145	Chellappa	8186871	2010	Computing and Processing; Signal Processing and Analysis
545	Statistical Performance Modeling and Optimization	9781601980564	Li	8187082	2007	General Topics for Engineers
546	Statistical Physics and Information Theory	9781601984067	Merhav	8187156	2010	Computing and Processing; General Topics for Engineers
547	Stochastic Computing	9781601985088	Sartori	8186917	2011	Computing and Processing
548	Stochastic Geometry and Wireless Networks: Volume I Theory	9781601982643	Baccelli	8187456	2010	Communication, Networking and Broadcast Technologies

549	Stochastic Geometry and Wireless Networks: Volume II Applications	9781601982667	Baccelli	8186962	2010	Communication, Networking and Broadcast Technologies
550	Strategic and Tactical Aspects of Closed-Loop Supply Chains	9781601983749	Ferguson	8187260	2010	Power, Energy and Industry Applications
551	Structure of Global Supply Chains: The Design and Location of Sourcing, production and Distribution Facility Networks for Global Markets	9781601980984	Kouvelis	8186843	2008	General Topics for Engineers

552	Structured Conflict Approaches used in Strategic Decision Making: from Mason's Initial Study to Virtual Teams	9781680836165	Fjermestad	8917775	2019	Computing and Processing; General Topics for Engineers
553	Structured Learning and Prediction in Computer Vision	9781601984562	Nowozin	8186812	2011	Computing and Processing; Signal Processing and Analysis
554	Structured Robust Covariance Estimation	9781680830941	Wiesel	8187350	2015	General Topics for Engineers
555	Supply Chain Finance	9781680833768		8275580	2017	General Topics for Engineers
556	Supporting and Exploiting Spatial Memory in User Interfaces	9781601987464	Scarr	8186921	2013	Components, Circuits, Devices and Systems; Computing and Processing
557	Sustainable Transportation with Electric Vehicles	9781680833881	Kong	8275588	2017	Transportation; Robotics and Control Systems; Power, Energy and Industry Applications; Components, Circuits, Devices and Systems; Computing and Processing
558	Switched Positive Linear Systems	9781680830705	Blanchini	8187458	2015	General Topics for Engineers
559	Synchronization and Localization in Wireless Networks	9781680834345	Etzlinger	8620672	2018	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Signal Processing and Analysis
560	Synchronous Reinforcement Learning-Based Control for Cognitive Autonomy	9781680837445	Vamvoudakis	9259198	2020	Computing and Processing; General Topics for Engineers
561	Synopses for Massive Data: Samples, Histograms, Wavelets, Sketches	9781601985163	Cormode	8187062	2011	Computing and Processing
562	System-in-Package: Electrical and Layout Perspectives	9781601984586	He	8187390	2011	Components, Circuits, Devices and Systems; Computing and Processing
563	Tactile Guidance for Policy Adaptation	9781601984364	Argall	8187392	2011	Computing and Processing; Robotics and Control Systems
564	Tangible User Interfaces: Past, Present and Future Directions	9781601983282	Shaer	8186614	2010	Computing and Processing
565	Temperature-Aware Design and Management for 3D Multi-Core Architectures	9781601987747	Sabry	8186887	2014	Components, Circuits, Devices and Systems
566	Temporal Information Retrieval	9781680830323	Kanhabua	8187208	2015	Computing and Processing
567	Tensor Networks for Dimensionality Reduction and Large-scale Optimization: Part 2 Applications and Future Perspectives	9781680832761	Cichocki	8187112	2017	General Topics for Engineers
568	Tensor Regression	9781680838862	Liu	9551687	2021	Computing and Processing
569	Test Collection Based Evaluation of Information Retrieval Systems	9781601983602	Sanderson	8187160	2010	Computing and Processing
570	The Algorithmic Foundations of Differential Privacy	9781601988188	Dwork	8187424	2014	Computing and Processing
571	The Appearance of Human Skin: A Survey	9781601980861	Igarashi	8187346	2007	Bioengineering; Computing and Processing

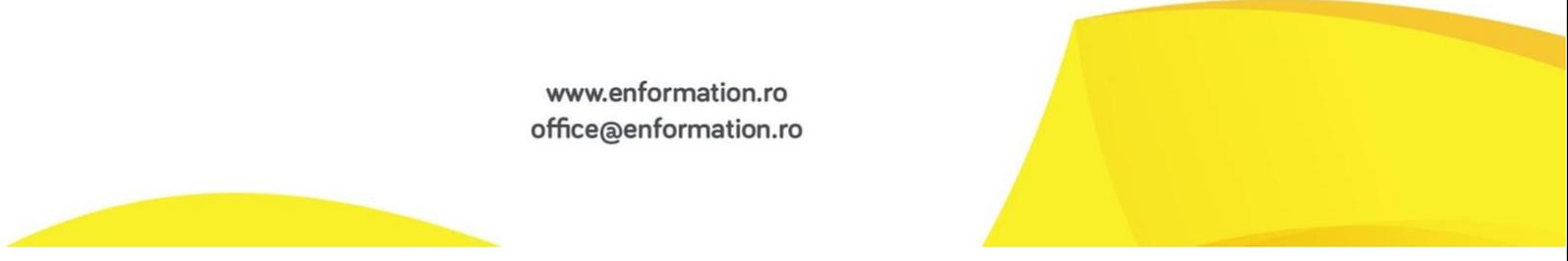| 572	The Business of Electric Vehicles: A Platform Perspective	9781680837629	Boehm	9295308	2020	Computing and Processing; General Topics for Engineers
573	The Chip Is the Network: Towards a Science of Network-on-Chip Design	9781601981929	Marculescu	8187238	2008	Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing
574	The Design and Implementation of Modern Column-Oriented Database Systems	9781601987549	Abadi	8187108	2013	Computing and Processing
575	The Design of Competitive Online Algorithms via a Primal-Dual Approach	9781601982162	Buchbinder	8186915	2009	Computing and Processing
576	The Economic Foundations of Supply Chain Contracting	9781601985781	Krishnan	8187248	2012	General Topics for Engineers; Power, Energy and Industry Applications
577	The Era of Big Spatial Data: A Survey	9781680832242	Eldawy	8187378	2016	Computing and Processing
578	The Evolution of TV Systems, Content, and Users Towards Interactivity	9781601982568	Cesar	8187006	2009	Computing and Processing

579	The Foundations for Provenance on the Web	9781601983862	Moreau	8187020	2010	Computing and Processing
580	The Foundations of a Trustworthy Web	9781601986627	Cofta	8187528	2013	Communication, Networking and Broadcast Technologies; Computing and Processing
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