



IET Books and eBooks

Information and
Communications
Technologies

HIGHLIGHTS

AI for Emerging Verticals: Human-robot computing, sensing and networking

Editors: Muhammad Zeeshan Shakir, University of the West of Scotland, UK; Naeem Ramzan, University of the West of Scotland, UK.

This edited book explores novel concepts and cutting-edge research and developments towards designing fully automated advanced digital systems. Fostered by technological advances in artificial intelligence and machine learning, such systems potentially have a wide range of applications in robotics, human computing, sensing and networking.

2020 / 400pp / £125 / \$160

Print PBPC0340 / 978-1-78561-982-3

eBook PBPC034E / 978-1-78561-983-0



Blockchains for Network Security: Principles, technologies, and applications

Editors: Haojun Huang, China University of Geoscience, P.R. China; Lizhe Wang, Chinese Academy of Science, P.R. China; Yulei Wu, University of Exeter, UK

Presenting a comprehensive view of blockchain technologies for network security from principles to core technologies and applications, this book offers unprecedented insights into recent advances and developments in these areas, and how they can make blockchain technologies associated with networks more secure and fit-for-purpose.

The IET Book Series on Big Data

2020 / 350pp / £120 / £155

Print PBPC0290 / 978-1-78561-873-4

eBook PBPC029E / 978-1-78561-874-1



Edge Computing: Models, technologies and applications

Editors: Javid Taheri, Karlstad University, Sweden; Shuiguang Deng, Zhejiang University, China

This book provides valuable insights for ICTs engineers, scientists, researchers, developers and practitioners who are involved in developing and implementing edge and cloud-based solutions ranging from sensors and actuators to cloud-based back-end systems.

2020 / 500pp / £130 / \$170

Print PBPC0330 / 978-1-78561-940-3

eBook PBPC033E / 978-1-78561-941-0



Network Classification for Traffic Management: Anomaly detection, feature selection, clustering and classification

Authors: Zahir Tari, RMIT University, Australia; Adil Fahad, University of Albaha, Saudi Arabia; Abdulmohsen Almalawi, University of King Abdulaziz, Saudi Arabia; Xun Yi, RMIT University, Australia

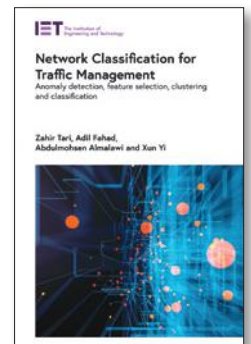
This book investigates network traffic classification solutions by proposing transport-layer methods to achieve better run and operated enterprise-scale networks. The authors explore novel methods for enhancing network statistics at the transport layer, helping to identify optimal feature selection through a global optimization approach and providing automatic labelling for raw traffic through a SemTra framework to maintain provable privacy on information disclosure properties.

The IET Book Series on Big Data

2020 / 288pp / £110 / \$145

Print PBPC0320 / 978-1-78561-921-2

eBook PBPC032E / 978-1-78561-922-9



FORTHCOMING - to be published in 2021 and 2022

Title	Author(s)/Editor(s)	Price (£)	Price (\$)	ISBN	eISBN	Product code
Computer Vision and Recognition Systems Using Machine and Deep Learning Approaches: Fundamentals, technologies and applications	Chowdhary, Alazab, Chaudhary, Hakak & Reddy (Eds)	£140	\$160	978-1-83953-323-5	978-1-83953-324-2	PBPC042
E-learning Methodologies: Fundamentals, technologies and applications	Goyal, Krishnamurthi & Yadav (Eds)	£125	\$165	978-1-83953-120-0	978-1-83953-121-7	PBPC040
Handbook of Big Data Analytics (2-volume set) ¹	Ravi & Cherukuri (Eds)	£210	\$270	978-1-83953-061-6	N/A	PBPC037X
Handbook of Big Data Analytics: Volume 1: Methodologies ¹	Ravi & Cherukuri (Eds)	£125	\$160	978-1-83953-064-7	978-1-83953-058-6	PBPC037A
Handbook of Big Data Analytics: Volume 2: Applications in ICT, security and business analytics ¹	Ravi & Cherukuri (Eds)	£140	\$180	978-1-83953-059-3	978-1-83953-060-9	PBPC037B
Managing Internet of Things Applications across Edge and Cloud Data Centres	Ranjan, Mitra, Jayaraman & Zomaya (Eds)	£145	\$190	978-1-78561-779-9	978-1-78561-780-5	PBPC027
Pattern Recognition and Machine and Deep Learning for Augmented and Virtual Reality Applications	Sagayam, Henesey, de Albuquerque & Edinbarough (Eds)	£125	\$165	978-1-83953-069-2	978-1-83953-070-8	PBPC038
RRAM-based Machine Learning	Yu, Ni & Dinakarrao	£115	\$150	978-1-83953-081-4	978-1-83953-082-1	PBPC039
Trustworthy Autonomic Computing	Eze	£115	\$150	978-1-78561-883-3	978-1-78561-884-0	PBPC030
Visual Technologies for Virtual Reality	Lafruit & Tehrani	£125	\$160	978-1-78561-578-8	978-1-78561-579-5	PBPC021

¹ Part of the IET Book Series on Big Data

For the latest status of these titles please visit theiet.org/books or contact us on sales@theiet.org

RECENT

Title	Author(s)/Editor(s)	Price (£)	Price (\$)	ISBN	eISBN	Product code	Year
AI for Emerging Verticals: Human-robot computing, sensing and networking	Shakir & Ramzan (Eds)	£125	\$160	978-1-78561-982-3	978-1-78561-983-0	PBPC034	2020
Blockchains for Network Security: Principles, technologies, and applications ¹	Huang, Wang and Wu (Eds)	£120	£155	978-1-78561-873-4	978-1-78561-874-1	PBPC0290	2020
Edge Computing: Models, technologies and applications ¹	Taheri & Deng (Eds)	£130	\$170	978-1-78561-940-3	978-1-78561-941-0	PBPC033	2020
Network Classification for Traffic Management: Anomaly detection, feature selection, clustering and classification ¹	Tari, Fahad, Almalawi & Yi	£110	\$145	978-1-78561-921-2	978-1-78561-922-9	PBPC032	2020
Big Data Recommender Systems (2-volume set) ¹	Khalid, Khan & Zomaya (Eds)	£200	\$260	978-1-78561-979-3	N/A	PBPC035X	2019
Big Data Recommender Systems: Volume 1: Algorithms, architectures, big data, security and trust ¹	Khalid, Khan & Zomaya (Eds)	£120	\$155	978-1-78561-975-5	978-1-78561-976-2	PBPC035A	2019
Big Data Recommender Systems: Volume 2: Application paradigms ¹	Khalid, Khan & Zomaya (Eds)	£130	\$170	978-1-78561-977-9	978-1-78561-978-6	PBPC035B	2019
Big Data-Enabled Internet of Things ¹	Khan, Khan & Zomaya (Eds)	£140	\$180	978-1-78561-636-5	978-1-78561-637-2	PBPC025	2019
Handbook of Mathematical Models for Languages and Computation	Meduna, Horáček & Tomko	£125	\$160	978-1-78561-659-4	978-1-78561-660-0	PBPC026	2019
Many-Core Computing: Hardware and software	Al-Hashimi & Merrett (Eds)	£135	\$175	978-1-78561-582-5	978-1-78561-583-2	PBPC022	2019
Security and Privacy for Big Data, Cloud Computing and Applications ¹	Wang, Ren, Choo & Xhafa (Eds)	£120	\$155	978-1-78561-747-8	978-1-78561-748-5	PBPC028	2019
Ultrascale Computing Systems ¹	Carretero, Jeannot & Zomaya (Eds)	£115	\$150	978-1-78561-833-8	978-1-78561-834-5	PBPC024	2019
Big Data and Software Defined Networks ¹	Taheri (Ed)	£110	\$175	978-1-78561-304-3	978-1-78561-305-0	PBPC015	2018
Data as Infrastructure for Smart Cities ¹	Suzuki & Finkelstein (Eds)	£115	\$150	978-1-78561-599-3	978-1-78561-600-6	PBPC023	2018
Modeling and Simulation of Complex Communication Networks ¹	Niazi (Ed)	£125	\$160	978-1-78561-355-5	978-1-78561-356-2	PBPC018	2018
SysML for Systems Engineering: A model-based approach. 3rd Edition	Holt & Perry	£145	\$190	978-1-78561-554-2	978-1-78561-555-9	PBPC020	2018
Foundations for Model-based Systems Engineering: From patterns to models	Holt, Perry & Brownsword	£85	\$135	978-1-78561-050-9	978-1-78561-051-6	PBPC014	2016
Trusted Platform Modules: Why, when and how to use them	Segall	£75	\$120	978-1-84919-893-6	978-1-84919-894-3	PBPC013	2016

¹ Part of the IET Book Series on Big Data

For more details on these books please visit theiet.org/books

HIGHLIGHTS

Advances in Communications Satellite Systems 2:

Proceedings of The 37th International Communications Satellite Systems Conference (ICSSC-2019)

Editors: Ifiok Otung, University of South Wales, UK; Thomas Butash, Innovative Aerospace IS, USA; Tetsushi Ikegami, Meiji University, Japan



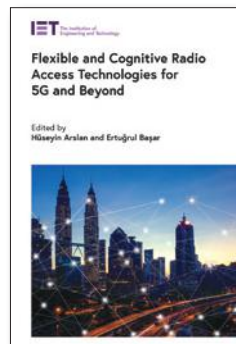
The International Communications Satellite Systems Conference (ICSSC) is one of the most influential technical conferences in the field. The 37th edition was held from 20 Oct-1 Nov 2019 in Okinawa, Japan. These proceedings present a broad spectrum of space communications contributions from the conference including optical ground stations, global laser communication, and space quantum communications.

2020 / 300pp / £115 / \$150
Print PBTE0950 / 978-1-83953-145-3
eBook PBTE095E / 978-1-83953-146-0

Flexible and Cognitive Radio Access Technologies for 5G and Beyond

Editors: Hüseyin Arslan, University of South Florida, Tampa, USA; Ertuğrul Başar, Koç University, Istanbul, Turkey

This comprehensive book is intended to be both a tutorial on flexible and cognitive radio access technologies for 5G and beyond and an advanced overview for technical professionals and managers in the communications industry, as well as researchers in academia and industry.



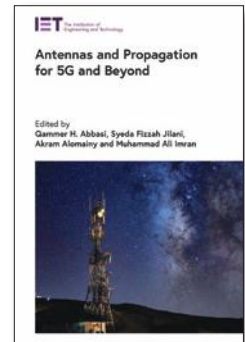
2020 / 632pp / £140 / \$185
Print PBTE0920 / 978-1-83953-079-1
eBook PBTE092E / 978-1-83953-080-7

Antennas and Propagation for 5G and Beyond

Editors: Qammer H. Abbasi, University of Glasgow, UK; Syeda Fizzah Jilani, University of Maine, USA; Akram Alomainy, Queen Mary University of London, UK; Muhammad Ali Imran, University of Glasgow, UK

5G and beyond technologies will bring much higher bandwidth and connectivity to billions of devices. In this book, the authors explore new approaches for exploiting challenging propagation channels and the development of efficient, cost-effective, scalable, and reliable antenna systems and solutions.

2020 / 400pp / £120 / \$155
Print PBTE0930 / 978-1-83953-097-5
eBook PBTE093E / 978-1-83953-098-2



Green Communications for Energy-Efficient Wireless Systems and Networks

Editors: Himal Asanga Suraweera, University of Peradeniya, Sri Lanka; Jing Yang, The Pennsylvania State University, USA; Alessio Zappone, University of Cassino and Southern Lazio, Italy; John Thompson, University of Edinburgh, UK.

The energy crisis, growth in data traffic and increasing network complexity are driving the development of energy-efficient architectures, technologies and networks. This edited book presents research from theory to practice, plus methods and technologies for designing next generation green wireless communication networks.

2020 / 450pp / £125 / \$165
Print PBTE0910 / 978-1-83953-067-8
eBook PBTE091E / 978-1-83953-068-5

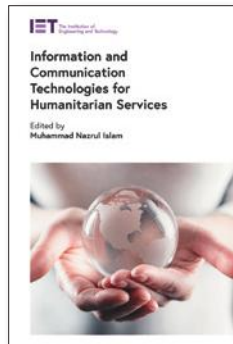


HIGHLIGHTS

Information and Communication Technologies for Humanitarian Services

Editor: Muhammad Nazrul Islam, Military Institute of Science and Technology, Dhaka, Bangladesh

Information, mobile and networking applications foster information exchange and cooperation in the humanitarian and emergency management fields. This edited book covers developments, innovations, and research outcomes for the creation and deployment of ICT technologies and solutions supporting humanitarian services.



2020 / 450pp / £125 / \$165

Print PBTE0890 / 978-1-78561-996-0

eBook PBTE089E / 978-1-78561-997-7

The Nine Pillars of Technology for Industry 4.0

Editors: Wai Yie Leong, Mahsa University, Malaysia; Joon Huang Chuah, University of Malaya, Malaysia; Tee Boon Tuan, Universiti Teknikal Malaysia Melaka, Malaysia

This edited book focuses on the nine pillars of technology supporting the transition to Industry 4.0 and smart manufacturing, incorporating the internet of things, cloud computing, autonomous and robotics systems, big data analytics, augmented reality, cyber security, simulation, system integration, and additive manufacturing.



2020 / 616pp / £140 / \$185

Print PBTE0880 / 978-1-83953-005-0

eBook PBTE088E / 978-1-83953-006-7

FORTHCOMING - to be published in 2021 and 2022

Title	Author(s)/Editor(s)	Price (£)	Price (\$)	ISBN	eISBN	Product code
Antennas for Next-Generation IoT Networks: Design, measurement and applications	Ferrero & Gao (Eds)	£120	\$155	978-1-83953-275-7	978-1-83953-276-4	PBTE102
Artificial Intelligence Applied to Satellite-based Remote Sensing Data for Earth Observation	Del Rosso, Sebastianelli & Ullo (Eds)	£115	\$150	978-1-83953-212-2	978-1-83953-213-9	PBTE098
Communication Technologies for Networked Smart Cities	Sharma, Jayakody, Chatzinotas & Anpalagan (Eds)	£125	\$160	978-1-83953-029-6	978-1-83953-030-2	PBTE090
Digital Television Systems: Volume 1: Fundamentals & Broadcast Systems	Mozar & Glasman (Eds)	£120	\$155	978-1-78561-250-3	978-1-78561-251-0	PBTE075
Digital Television Systems: Volume 2: Digital Television Reception	Mozar & Glasman (Eds)	£120	\$155	978-1-78561-850-5	978-1-78561-851-2	PBTE085
Edge Caching for Mobile Networks	Poor & Chen (Eds)	£145	\$185	978-1-83953-122-4	978-1-83953-123-1	PBTE096
Emerging Evolutionary Algorithms for Antennas and Wireless Communications	Goudos	£110	\$145	978-1-78561-552-8	978-1-78561-553-5	SBEW534
Fundamentals, Advances and Applications of Blind Source Separation	Belouchrani & Abed-Meraim	£125	\$160	978-1-78561-749-2	978-1-78561-750-8	PBTE082
Intelligent Wireless Communications	Mastorakis, Mavromoustakis, Batalla & Pallis (Eds)	£120	\$155	978-1-83953-095-1	978-1-83953-096-8	PBTE094
Location-based Services: Architecture, technologies, applications and optimization	Chen, Lyu, Hwang & Kung	£120	\$155	978-1-83953-157-6	978-1-83953-158-3	PBTE097
Metrology for 5G and Emerging Wireless Technologies	Loh (Ed)	£125	\$160	978-1-83953-278-8	978-1-83953-279-5	PBTE099
Real Time Convex Optimisation for 5G Networks and Industrial IoT: Theory, models, techniques and applications	Duong, Nguyen & Hoang	£115	\$150	978-1-78561-959-5	978-1-78561-960-1	PBTE087
Resilience in Wireless Networks	Krishnamurthy	£110	\$145	978-1-84919-790-8	978-1-84919-791-5	PBTE062
Wireless Mesh Networks for IoT and Smart Cities: Technologies and applications	Davoli & Ferrari (Eds)	£125	\$160	978-1-83953-282-5	978-1-83953-283-2	PBTE101

For the latest status of these titles please visit theiet.org/books or contact us on sales@theiet.org

RECENT

Title	Author(s)/Editor(s)	Price (£)	Price (\$)	ISBN	eISBN	Product code	Year
Advances in Communications Satellite Systems 2: Proceedings of The 37th International Communications Satellite Systems Conference (ICSSC-2019)	Otung, Butash & Ikegami (Eds)	£115	\$150	978-1-83953-145-3	978-1-83953-146-0	PBTE095	2020
Antennas and Propagation for 5G and Beyond	Abbasi, Jilani, Alomainy & Imran (Eds)	£120	\$155	978-1-83953-097-5	978-1-83953-098-2	PBTE093	2020
Flexible and Cognitive Radio Access Technologies for 5G and Beyond	Arslan & Başar (Eds)	£140	\$185	978-1-83953-079-1	978-1-83953-080-7	PBTE092	2020
Green Communications for Energy-Efficient Wireless Systems and Networks	Suraweera, Yang, Zappone & Thompson (Eds)	£125	\$165	978-1-83953-067-8	978-1-83953-068-5	PBTE091	2020
Information and Communication Technologies for Humanitarian Services	Islam (Ed)	£125	\$165	978-1-78561-996-0	978-1-78561-997-7	PBTE089	2020
The Nine Pillars of Technology for Industry 4.0	Leong, Chuah & Tuan (Eds)	£140	\$185	978-1-83953-005-0	978-1-83953-006-7	PBTE088	2020
Advances in Satellite Communications: Proceedings of The 36th International Satellite Communications Systems Conference (ICSSC-2018)	Otung, Butash & Garland (Eds)	£135	\$175	978-1-78561-961-8	978-1-78561-962-5	PBTE086	2019
Applications of Machine Learning in Wireless Communications	He & Ding (Eds)	£125	\$165	978-1-78561-657-0	978-1-78561-658-7	PBTE081	2019
Low Electromagnetic Emission Wireless Network Technologies	Imran, Héliot & Sambo (Eds)	£120	\$155	978-1-78561-848-2	978-1-78561-849-9	PBTE084	2019
Microstrip and Printed Antenna Design. 3rd Edition	Bancroft	£125	\$160	978-1-78561-854-3	978-1-78561-855-0	PBTE083	2019
Principles and Applications of Free Space Optical Communications	Majumdar, Ghassemlooy & Raj (Eds)	£125	\$165	978-1-78561-415-6	978-1-78561-416-3	PBTE078	2019
Network Design, Modelling and Performance Evaluation	Vien	£120	\$155	978-1-78561-336-4	978-1-78561-337-1	PBTE077	2018
Satellite Communications in the 5G Era	Sharma, Chatzinotas & Arapoglou (Eds)	£135	\$175	978-1-78561-427-9	978-1-78561-428-6	PBTE079	2018
5G Wireless Technologies	Alexiou (Ed)	£100	\$160	978-1-78561-061-5	978-1-78561-062-2	PBTE069	2017
Access, Fronthaul and Backhaul Networks for 5G and Beyond	Imran, Zaidi & Shakir (Eds)	£110	\$175	978-1-78561-213-8	978-1-78561-214-5	PBTE074	2017
Cloud and Fog Computing in 5G Mobile Networks	Markakis, Mastorakis, Mavromoustakis & Pallis (Eds)	£90	\$145	978-1-78561-083-7	978-1-78561-084-4	PBTE070	2017
Introduction to Digital Wireless Communications	Yang	£75	\$120	978-1-78561-160-5	978-1-78561-161-2	PBTE072	2017
Network as a Service for Next Generation Internet	Duan & Wang (Eds)	£100	\$160	978-1-78561-176-6	978-1-78561-177-3	PBTE073	2017
Transceivers and System Design for Digital Communications. 5th Edition	Bullock	£120	\$190	978-1-78561-495-8	978-1-78561-496-5	PBTE080	2017
Trusted Communications with Physical Layer Security for 5G and Beyond	Duong, Zhou & Poor (Eds)	£90	\$145	978-1-78561-235-0	978-1-78561-236-7	PBTE076	2017
Understanding Telecommunications Networks. 2nd Edition	Valdar	£50	\$80	978-1-78561-164-3	978-1-78561-165-0	PBTE071	2017
Advanced Relay Technologies in Next Generation Wireless Communications	Krikidis & Zheng (Eds)	£105	\$170	978-1-78561-003-5	978-1-78561-004-2	PBTE068	2016
Advances in Body-Centric Wireless Communication: Applications and state-of-the-art	Alomainy, Abbasi, Rehman & Qaraqe (Eds)	£95	\$150	978-1-84919-989-6	978-1-84919-990-2	PBTE065	2016
Cognitive Radio Engineering ¹	Bostian, Kaminski & Fayed	£75	\$120	978-1-61353-211-9	978-161353-212-6	SBTE502	2016

¹ Part of the Mario Boella Series on Electromagnetism in Information and Communication

For more details on these books please visit theiet.org/books

HIGHLIGHTS

Authentication Technologies for Cloud Computing, IoT and Big Data

Editors: Yasser M. Alginahi & Muhammad N. Kabir, Taibah University, Saudi Arabia & University Pahang Malaysia, Malaysia

This book covers state-of-the-art global research on authentication technologies for security and privacy in information systems, including applications, research challenges and future research directions. Topics include information security, data authentication algorithms, cryptography, digital watermarking, biometric authentication and data authentication. Essential for scientists, engineers and professionals involved in all aspects of authentication and information technology and systems security.

2019 / 368pp / £125 / \$160

Print PBSE0090 / 978-1-78561-556-6

eBook PBSE009E / 978-1-78561-557-3



Hand-Based Biometrics: Methods and technology

Editor: Martin Drahanský, Brno University of Technology, Czech Republic

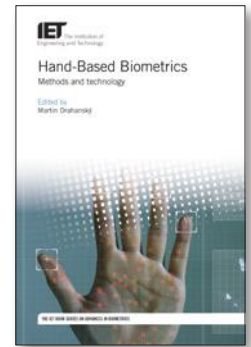
This book describes the complete biometrics of the hand, drawing on the latest research of its identifiable characteristics into one unique volume. It includes material on inner and outer hand physiology and diseases; fingerprint recognition and processing; palmprint recognition using 3D features; synthetic fingerprints; palmvein biometrics; finger veins recognition; 3D hand shape recognition; and anti-spoofing methods. Essential reading for researchers, engineers, practitioners, academics, product managers and government agencies in the security, biometrics and image processing fields.

The IET Book Series on Advances in Biometrics

2018 / 448pp / £125 / \$160

Print PBSE0080 / 978-1-78561-224-4

eBook PBSE008E / 978-1-78561-225-1



Information Security: Foundations, technologies and applications

Editors: Ali Ismail Awad, Luleå University of Technology, Sweden; Michael Fairhurst, University of Kent, UK

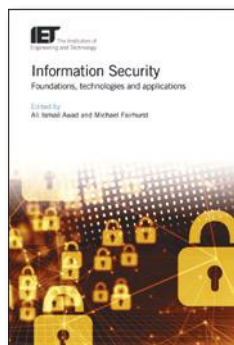
This book outlines key emerging trends in information security in terms of foundations, technologies and applications.

Studies covering information security and real-time challenges are combined with survey material which emphasizes the applications of information security in different domains. This book covers information security foundations such as information security in developing countries, biometrics, cybersecurity, and big data security. It features applications to hardware and embedded systems security, computer forensics, the Internet of Things security, and network security.

2018 / 416pp / £125 / \$160

Print PBSE0010 / 978-1-84919-974-2

eBook PBSE001E / 978-1-84919-976-6



Nature-Inspired Cyber Security and Resiliency: Fundamentals, techniques and applications

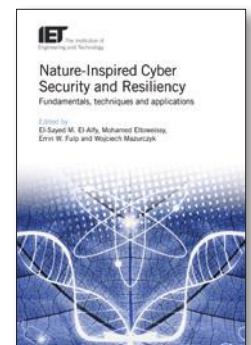
Editors: El-Sayed M. El-Alfy et al., King Fahd University of Petroleum and Minerals, Saudi Arabia

This is a timely review of the fundamentals, the latest developments and the diverse applications of nature-inspired algorithms in cyber security and resiliency. Based on concepts from natural processes, phenomena and organisms, it presents novel methodologies to cope with cyber security challenges. Coverage includes intrusion and malware detection, intelligent threat detection and traffic analysis, evolutionary and self-healing security systems, nature-inspired data protection, cooperative and self-configurable cyber defence, and more.

2019 / 480pp / £125 / \$165

Print PBSE0100 / 978-1-78561-638-9

eBook PBSE010E / 978-1-78561-639-6



FORTHCOMING - to be published in 2021 and 2022

Title	Author(s)/Editor(s)	Price (£)	Price (\$)	ISBN	eISBN	Product code
Essential Techniques and Algorithms of Digital Forensics	Gladyshev & Chilikov	£125	\$160	978-1-83953-302-0	978-1-83953-303-7	PBSE015
Hash Function Cryptanalysis	Roodt & Kallioinen	£115	\$150	978-1-83953-015-9	978-1-83953-016-6	PBSE013
Machine Learning Based Blockchain Technologies for IoTs and Big Data: Fundamentals, methods and applications	Tyagi, Abraham, Hussain, Kaklauskas & Kannan (Eds)	£140	\$180	978-1-83953-339-6	978-1-83953-340-2	PBSE016
Privacy by Design for the Internet of Things: Building accountability and security	Crabtree, Mortier & Haddadi (Eds)	£115	\$150	978-1-83953-139-2	978-1-83953-140-8	PBSE014
Security, Privacy and Trust in the Internet of Things	Xiao & Zhang	£130	\$170	978-1-78561-203-9	978-1-78561-204-6	PBSE006
The User Experience of Biometrics: Practical considerations for the deployment of biometric systems ¹	Krol & Sasse (Eds)	£120	\$155	978-1-78561-879-6	978-1-78561-880-2	PBSE011
Voice Biometrics: Technology, trust and security	Garcia-Mateo & Chollet (Eds)	£115	\$150	978-1-78561-900-7	978-1-78561-901-4	PBSE012

¹ Part of the IET Book Series on Advances in Biometrics

For the latest status of these titles please visit theiet.org/books or contact us on sales@theiet.org

RECENT

Title	Author(s)/Editor(s)	Price (£)	Price (\$)	ISBN	eISBN	Product code	Year
Authentication Technologies for Cloud Computing, IoT and Big Data	Alginahi & Kabir	£125	\$160	978-1-78561-556-6	978-1-78561-557-3	PBSE009	2019
Nature-Inspired Cyber Security and Resiliency: Fundamentals, techniques and applications	El-Alfy, Eltoweissy, Fulp & Mazurczyk (Eds)	£125	\$165	978-1-78561-638-9	978-1-78561-639-6	PBSE010	2019
Hand-Based Biometrics: Methods and technology ¹	Drahanský (Ed)	£125	\$160	978-1-78561-224-4	978-1-78561-225-1	PBSE008	2018
Information Security: Foundations, technologies and applications	Awad & Fairhurst (Eds)	£125	\$160	978-1-84919-974-2	978-1-84919-976-6	PBSE001	2018
Data Security in Cloud Computing	Kumar, Ko & Chaisiri (Eds)	£100	\$160	978-1-78561-220-6	978-1-78561-221-3	PBSE007	2017
Iris and Periocular Biometric Recognition ¹	Rathgeb & Busch (Eds)	£120	\$190	978-1-78561-168-1	978-1-78561-169-8	PBSE005	2017
Mobile Biometrics ¹	Guo & Wechsler (Eds)	£110	\$175	978-1-78561-095-0	978-1-78561-096-7	PBSE003	2017
User-Centric Privacy and Security in Biometrics ¹	Vielhauer (Ed)	£120	\$190	978-1-78561-207-7	978-1-78561-208-4	PBSE004	2017
Engineering Secure Internet of Things Systems	Aziz, Arenas & Crispo (Eds)	£105	\$165	978-1-78561-053-0	978-1-78561-054-7	PBSE002	2016

¹ Part of the IET Book Series on Advances in Biometrics

For more details on these books please visit theiet.org/books

Access over 600 world-class engineering and technology titles with IET eBook Collections

Available exclusively on the IET Digital Library, IET eBook Collections offer an acclaimed listing of academic and practitioner focused titles spanning 40 years, covering a wide range of subject areas including:

- Computing
- Control, Robotics & Sensors
- Electromagnetic Waves
- Energy Engineering
- Healthcare Technologies
- Materials, Circuits & Devices
- Radar, Sonar and Navigation
- Security
- Telecommunications
- Transportation



How can an IET eBook Collection help your users and add value to your library?

An IET eBook Collection offers you a simple solution to meet your users' requirements for instant access to quality research and add extra value to your library's existing digital offering.

Help your users:

- **Locate relevant information quickly and easily**
Via the IET Digital Library, offer your users the opportunity to access research at the click of a button. Using the online search facility, users are able to search by title, keyword, author name or date.
- **Download content without restrictions**
All IET eBook Collections are available DRM-free, allowing multiple users to download eBooks by chapter or full text with unrestricted access.
- **Share content with colleagues**
Users have the freedom to view, print and save content on a range of devices and also share abstracts with colleagues.
- **Easily manage citations**
IET eBook Collections are compatible with EndNote, BibTex, Plain Text and RefWorks allowing for citations to be downloaded; ideal if your users need to link references.

Add value to your library:

- **Perpetual access to content**
Providing you with the added security of on-going digital access without subscriptions, and the option to add on the new frontlist each year.
- **A variety of purchasing options**
Depending on your requirements, you can choose from 12 different eBook Collections, all available on a perpetual access basis.
- **Enhanced discoverability**
FREE MARC21 records offer enhanced discoverability for your users to locate content whenever they need to and with DOIs to chapter level.
- **Reporting tools to monitor usage**
COUNTER4-compliant usage statistics allow you to measure online usage and the SUSHI protocol can help you to streamline your reporting processes.
- **Secure archiving with CLOCKSS**
By partnering with CLOCKSS, IET eBook Collections offer the added guarantee that our digital content will be available now and in the future.

IET eBook Collections

IET eBooks can be purchased in a variety of collections to suit your library requirements, whether you are looking for access to the entire portfolio or a specific collection tailored by year or subject.

- **IET Ultimate eBook Collection (1979-2020).** Product code PBIDFU20.
- **IET Frontlist Top-Up (2021).** Product code PBIDL021.
- **IET 5 Year Backlist (2016-2020).** Product code PBIDLF20.
- **IET 6 Year Collection (2016-2021).** Product code PBIDLG21.
- **IET Topic Collections**



HOW TO ORDER

Individual Book Sales

Place your order for print or eBooks from the IET:

Online:

Print books: www.theiet.org/books

eBooks: www.ietdl.org/ebooks

Or contact customer service:

Email: sales@theiet.org

Phone: +44 (0)1438 767328

Fax: +44 (0)1438 767375

Post: The Institution of Engineering and Technology,
PO Box 96, Stevenage SG1 2SD, UK

Member Discounts

IET members are entitled to a 35% discount on the first copy ordered of any book and need to quote their membership number when ordering.* If more than one copy of a title is ordered then the discount will be applied to the first copy only. Books purchased with a member discount should be for personal use only and should not be resold.

Customer Service

If you have a question about your order, invoice or payment, or if you have a general enquiry about any of our publications, please call our customer service team on +44 (0)1438 767328 or email sales@theiet.org.

*Please note, the member discount set out above cannot be used in conjunction with any other discounts or promotions offered by the IET from time to time. Any discount/promotion codes used will be void and the member discount will take precedence.

Trade, Corporate, Librarians or Bulk Sale Enquiries



Print Books

UK / EUROPE / REST OF THE WORLD

Contact:

Ash Rees, Global Sales Manager,
The Institution of Engineering
and Technology

M: +44 (0)7725 498144

E: ashleyrees@theiet.org

US

Contact: Ingram Publisher Services

ipage®: ipage.ingrambook.com

F: +1 (800) 838-1149

E: customer.service@ingrampublisherservices.com

The customer service hours of operation are Monday – Friday, 8:00 a.m. – 5 p.m. CST
ACCESS (automated stock checking and ordering line): +1 (800) 961-8031
Please contact Ingram Publisher Services for terms and returns details.



eBook Collections

EUROPE, MIDDLE EAST AND AFRICA

IET

Keith Trevor
Head of Sales EMEA
IET Michael Faraday House
Six Hills Way Stevenage
Herts, SG1 2AY
United Kingdom

T: +44 (0)1438 767328

F: +44 (0)1438 767339

E: emea.sales@theiet.org

THE AMERICAS

IET USA Inc

Michael Ornstein
Vice President & General Manager
379 Thornall Street
Edison, NJ 08837
USA

T: +1(732) 321 5575

T: +1(866) 906 5900 Help Desk
(US and Canada)

F: +1(732) 321 5702

E: ietusa@theiet.org

ASIA PACIFIC

IET Asia Pacific Office

Eric Na
Regional Director – Asia Pacific
4405-06 Cosco Tower
183 Queen's Road Central
Hong Kong

T: +852 2778 1611

T: +852 2521 2140 Help Desk

F: +852 2778 1711

E: infoAP@theiet.org

ONIX 3.0 FEEDS

Metadata for all IET books is available from the IET via an ONIX 3.0 feed. This ONIX feed enables trade customers to receive current and up-to-date information about IET Books in an efficient and seamless way. To sign up to receive ONIX 3.0 feeds direct from the IET, please contact onix@theiet.org.

Payment

We accept MasterCard, American Express, Visa, JCB, Solo and Maestro. Please include the expiry date (and issue number and start date when it is valid for Maestro), signature and daytime telephone number. Please do not submit a PDF order form by email if it contains credit card information. The IET takes the security of your personal details very seriously and will not process email transactions. Cheques should be made payable to 'The Institution of Engineering and Technology'. In the UK only, please add VAT at the current rate to all software and electronic product orders (Note, all eBooks are currently 0% rated in the UK). EU customers outside the UK: please state your company's registered VAT number. If you would like to open an account, please call +44 (0)1438 767328 or email us at sales@theiet.org for a credit application form.

Please note that methods for purchasing IET books may change during 2021. See our website for the latest information.

Delivery

- **UK:** Free of charge
- **Europe & Rest of the world:** £4.95 per book

Overseas books will be sent via airmail. We are happy to offer express delivery/courier options: please call +44 (0)1438 767328 or email sales@theiet.org for rates. Please allow 2–5 days for UK delivery and approximately 4 weeks for overseas. Orders placed before 12 noon can be delivered the next day in the UK for an additional charge: please contact us for prices.

Please note that depending on the status of the Global pandemic COVID-19, there may be reduced despatch and customer service response times.

IET Terms and Conditions

Consumers

Returns should be received by our Warehouse within 30 days from date of purchase and must be returned in a resaleable condition in order to receive a refund. Imperfect or damaged copies will be replaced. No refunds will be given for electronic products which have been downloaded.

Trade Customers

The IET operates on a sale or return basis. Returns can be made up to 10 months after the invoice date; returns received after this time will not be acknowledged or credited. Books must be returned in a resaleable condition in order to receive a credit note. Damaged returns will be destroyed and no credit note will be issued. Imperfect or damaged copies will be replaced and the customer will only be required to return the book jacket or send in photographic evidence in these cases.

All prices, rates and publication dates are subject to change without notice. Check the website or contact the sales team for the most up-to-date information and prices.

REGIONAL REPRESENTATIVES AND AGENTS

CHINA

The Institution of Engineering & Technology

Eric Na (Regional Director,
Asia Pacific Office)
Tel: +852 2778 1611
Tel: +852 2521 2140 (Helpdesk)
Fax: +852 2778 1711
Email: ericna@theiet.org
Or
Ash Rees (Global Sales Manager)
Tel: +44 (0) 7725 498 144
Email: ashleyrees@theiet.org

ALGERIA, CYPRUS, GREECE, ISRAEL, JORDAN, MALTA, MOROCCO, PALESTINE, TUNISIA AND TURKEY

Avicenna Partnership Ltd

Claire de Gruchy
Tel: +44 (0) 7771 887 843
Email: avicenna-cdeg@outlook.com

AFGHANISTAN, EGYPT, GCC COUNTRIES, IRAN, IRAQ, LEBANON, LIBYA, SOUTH RUSSIAN ISLAMIC REPUBLICS, SUDAN, SYRIA AND YEMEN

Avicenna Partnership Ltd

Bill Kennedy
Tel: +44 (0) 7802 244 457
Email: avicenna-cdeg@outlook.com

SUB-SAHARAN AFRICA

Africa Connection

Guy Simpson
Tel: +44 (0) 7808 522 886
Email: guy.simpson@africaconnection.co.uk

EASTERN EUROPE

Radek Janousek – Publisher Representative

Radek Janousek
Tel: +420 602 294 014
Email: radek@radekjanousek.com

BANGLADESH, INDIA AND SRI LANKA

Sara Books Pvt Ltd

Ravindra Saxena
Tel: +91 112 326 6107
Fax: +91 114 304 6222
Email: ravindrasaxena@sarabooksindia.com

HONG KONG, INDONESIA, JAPAN, MALAYSIA, PHILIPPINES, SINGAPORE, TAIWAN, THAILAND AND VIETNAM

The White Partnership

Andrew White
Tel: +44 (0) 7973 176 046
Email: andrew@thewhitepartnership.org.uk

BELGIUM, FRANCE, GREECE, ITALY, LUXEMBOURG, NETHERLANDS, PORTUGAL, SPAIN

Marcello s.a.s

Flavio Marcello
Tel: +39 049 836 0671
Fax: +39 049 878 6759
Email: marcello@marcellosas.it

PAKISTAN

Tahir M Lodhi – Publisher Representative

Tahir Lodhi
Tel: +92 42 325 292 168
Email: tahirlodhi@gmail.com

UNITED KINGDOM

The Institution of Engineering & Technology

Ash Rees (Global Sales Manager)
Tel: +44 (0) 7725 498 144
Email: ashleyrees@theiet.org

CUSTOMER SERVICES

The Institution of Engineering & Technology

Tel: +44 (0) 1438 767 328
Fax: +44 (0) 1438 767 375
Email: sales@theiet.org

eBOOK AGGREGATION PARTNERS

Ebsco

Ebsco Host <https://www.ebsco.com/products/ebooks>
Ebsco Gobi <https://www.ebsco.com/products/gobi-library-solutions>

Gardners Books

<https://www.gardners.com/Services/Digital-Services>

IHS Markit

<https://global.ihs.com/>

ProQuest

<https://about.proquest.com/products-services/ebooks/ebooks-main.html>

Knovel

<https://app.knovel.com/>

Kortext

<https://www.kortext.com/>

VitalSource

<https://www.vitalsource.com/>

Skillsoft

<https://www.skillsoft.com/>

VERIFIED WIRING REGULATIONS/BOOK RESELLERS

ONLINE BOOKSELLERS

Professional Books - <https://www.wiringregulations.net/>
Amazon - <https://www.amazon.co.uk/>
Wordery - <https://wordery.com/>
Book Depository - <https://www.bookdepository.com/>

YOUR SCHEME PROVIDER

BSI - <https://www.bsigroup.com/en-GB/>
Certsure - <http://certsure.com/>
Napit - <https://www.napit.org.uk/>

BOOKSHOPS

Blackwell's - <https://blackwells.co.uk/>
Waterstones - <https://www.waterstones.com/>


theiet.org/books

TRADE COUNTERS/ELECTRICAL WHOLESALERS

City Electrical Factors - <https://www.cef.co.uk/>
Denmans Electrical - <https://www.denmans.co.uk/>
Edmundson's Electrical - <http://www.edmundson-electrical.co.uk/>
Rapid Electronics - <https://www.rapidonline.com/>
Rexel UK - <https://www.rexel.co.uk/uki/>
RS Components - <https://uk.rs-online.com/>

LIBRARY SUPPLY

Gardners Books - <https://www.gardners.com/>
Proquest Oasis - <https://oasis.proquest.com/>

Two solid purple rectangular bars stacked vertically.

Precision analytics for research excellence

Understand your place in the global engineering research landscape and make strategic decisions about the direction of your projects with a dynamic new tool based on the IET's renowned Inspec database.

Chart your course for research excellence

Discover your position in the research landscape and make informed decisions about where you're heading next. With Inspec Analytics, you can:

- monitor the research output of your institution and see how you rank globally;
- benchmark your institution against collaborators and competitors to set actionable goals and demonstrate strengths;
- identify emerging trends to explore new fields and plan where to focus your resources;
- find and monitor collaboration opportunities with academia, industry and government to demonstrate impact.

Request a demonstration at inspec-analytics.theiet.org

Our Offices

Stevenage, UK

T +44 (0)1438 313311

E postmaster@theiet.org

Beijing, China

T +86 10 6566 4687

E china@theiet.org

W theiet.org.cn

Hong Kong

T +852 2521 2140

E adminap@theiet.org

Bangalore, India

T +91 80 4089 2222

E india@theiet.in

W theiet.in

New Jersey, USA

T +1 (732) 321 5575

E ietusa@theiet.org

@TheIET      

theiet.org

The Institution of Engineering and Technology (IET) is registered as a Charity in England and Wales (No. 211014) and Scotland (No. SC038698).

The Institution of Engineering and Technology, Michael Faraday House, Six Hills Way, Stevenage, Hertfordshire SG1 2AY, United Kingdom.

E7F21002E

