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NB: we have a pool of 50 potential projects of which 50 will be confirmed in Autumn 2018

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IET Ultimate eBook Collection 1979-2017 (IET & SciTech Imprints) - Product Code: PBIDFU17

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| Product code | Title | Author(s)/Editor(s) | eISBN | ISBN | Published | Included in Subject Collection... |
|--------------|---|---|-------------------|-------------------|-----------|-----------------------------------|
| PBPO095 | Communication, Control and Security Challenges for the Smart Grid | S.M. Muyeen & Saifur Rahman | 978-1-78561-143-8 | 978-1-78561-142-1 | 2017 | Energy Engineering |
| PBHE0030 | Portable Biosensors and Point-of-Care Systems | Kintzios | 978-1-84919-963-6 | 978-1-84919-962-9 | 2017 | Healthcare Technologies |
| PBTR006 | Low Carbon Mobility for Future Cities: Principles and Applications | Hussein Dia | 978-1-78561-198-8 | 978-1-78561-197-1 | 2017 | Transportation |
| PBPO089 | Hydrogen Production, Separation and Purification for Energy | Angelo Basile et al | 978-1-78561-101-8 | 978-1-78561-100-1 | 2017 | Energy Engineering |
| PBPO0970 | Synchronized Phasor Measurements for Smart Grids | DK Mohanta et al | 978-1-78561-012-7 | 978-1-78561-011-0 | 2017 | Energy Engineering |
| PBPO1000 | Modeling and Dynamic Behaviour of Hydropower Plants | Nand Kishor et al | 978-1-78561-196-4 | 978-1-78561-195-7 | 2017 | Energy Engineering |
| PBPO0870 | Cogeneration: Technologies, Optimisation and Implementation | Christos A. Frangopoulos | 978-1-78561-056-1 | 978-1-78561-055-4 | 2017 | Energy Engineering |
| PBRN0180 | Wave and Tidal Generation Devices: Reliability and Availability | Tavner | 978-1-84919-735-9 | 978-1-84919-734-2 | 2017 | Energy Engineering |
| PBPO090 | Clean Energy Microgrids | Shin'ya Obara & Jorge Morel | 978-1-78561-098-1 | 978-1-78561-097-4 | 2017 | Energy Engineering |
| PBPO0920 | Power Quality in Future Electrical Power Systems | Ahmed F. Zobaa et al | 978-1-78561-124-7 | 978-1-78561-123-0 | 2017 | Energy Engineering |
| SBEW5250 | Adjoint Sensitivity Analysis of High Frequency Structures with MATLAB® | Mohamed Bakr et al | 978-1-61353-232-4 | 978-1-61353-231-7 | 2017 | EM Waves |
| PBPO098 | Large Scale Grid Integration of Renewable Energy Sources | Antonio Moreno-Munoz | 978-1-78561-163-6 | 978-1-78561-162-9 | 2017 | Energy Engineering |
| PBTE0700 | Cloud and Fog Computing in 5G Mobile Networks | Evangelos Markakis et al | 978-1-78561-084-4 | 978-1-78561-083-7 | 2017 | Telecommunications |
| PBCE104 | Control of Mechatronic Systems | Levent Guvenc et al | 978-1-78561-145-2 | 978-1-78561-144-5 | 2017 | Control, Robotics & Sensors |
| PBPO0940 | Introduction to the Smart Grid: Concepts, Technologies and Evolution | Salman K. Salman | 978-1-78561-120-9 | 978-1-78561-119-3 | 2017 | Energy Engineering |
| PBTE073 | Network as a Service for Next Generation Internet | Qiang Duan & Shangguang Wang | 978-1-78561-177-3 | 978-1-78561-176-6 | 2017 | Telecommunications |
| PBHE009 | Human Monitoring, Smart Health and Assisted Living: Techniques and Technologies | Sauro Longhi et al | 978-1-78561-151-3 | 978-1-78561-150-6 | 2017 | Healthcare Technologies |
| PBTE0690 | 5G Wireless Technologies | Angeliki Alexiou | 978-1-78561-062-2 | 978-1-78561-061-5 | 2017 | Telecommunications |
| PBCE0860 | Flexible Robot Manipulators: Modelling, Simulation and Control, 2nd edition | Tokhi & Azad | 978-1-84919-584-3 | 978-1-84919-583-6 | 2017 | Control, Robotics & Sensors |
| SBRA514 | Biologically-Inspired Radar and Sonar: Lessons from Nature | Alessio Balleri et al | 978-1-61353-236-2 | 978-1-61353-235-5 | 2017 | Radar, Sonar & Navigation |
| PBHE014 | Soft Robots for Healthcare Applications: Design, Modelling, and Control | Shane Xie et al | 978-1-78561-312-8 | 978-1-78561-311-1 | 2017 | Healthcare Technologies |
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| PBTE0710 | Understanding Telecommunications Networks, 2nd edition | Andrew Valdar | 978-1-78561-165-0 | 978-1-78561-164-3 | 2017 | Telecommunications |
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| PBTE0740 | Access, Fronthaul and Backhaul Networks for 5G & Beyond | Muhammad Ali Imran et al | 978-1-78561-214-5 | 978-1-78561-213-8 | 2017 | Telecommunications |
| PBSE0070 | Data Security in Cloud Computing | Vimal Kumar et al | 978-1-78561-221-3 | 978-1-78561-220-6 | 2017 | Security |
| PBCS0330 | High Frequency MOSFET Gate Drivers: Technologies and Applications | Zhi-Liang Zhang & Yan-Fei Liu | 978-1-78561-366-1 | 978-1-78561-365-4 | 2017 | Materials, Circuits & Devices |
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| PBPO0910 | Fuzzy Logic Control in Energy Systems with design applications in MATLAB®/Simulink® | Ismail Hakki Altas | 978-1-78561-108-7 | 978-1-78561-107-0 | 2017 | Energy Engineering |
| PBTE072 | Introduction to Digital Wireless Communications | Hong-Chuan Yang | 978-1-78561-161-2 | 978-1-78561-160-5 | 2017 | Telecommunications |
| PBCE111 | The Inverted Pendulum in Control Theory and Robotics: From Theory to New Innovations | Olfa Boubaker & Rafael Iriarte | 978-1-78561-321-0 | 978-1-78561-320-3 | 2017 | Control, Robotics & Sensors |
| SBRA512A | Novel Radar Techniques and Applications, Vol 1 | Klemm et al | 978-1-61353-227-0 | 978-1-61353-225-6 | 2017 | Radar |
| SBRA512B | Novel Radar Techniques and Applications, Vol 2 | Klemm et al | 978-1-61353-228-7 | 978-1-61353-226-3 | 2017 | Radar |
| PBTE080 | Transceivers and System Design for Digital Communications, 5th Edition | Scott R. Bullock | 978-1-78561-496-5 | 978-1-78561-495-8 | 2017 | Telecommunications |
| PBHE010 | Enhanced Living Environments: From Models to Technologies | Ciprian Dobre et al | 978-1-78561-212-1 | 978-1-78561-211-4 | 2017 | Healthcare Technologies |
| PBCE112 | RFID Protocol Design and Optimization for the Internet of Things | Alex X. Liu et al | 978-1-78561-333-3 | 978-1-78561-332-6 | 2017 | Control, Robotics & Sensors |
| SBRA520 | The Impact of Cognition on Radar Technology | Alfonso Farina et al | 978-1-78561-581-8 | 978-1-78561-580-1 | 2017 | Radar, Sonar & Navigation |
| PBSE004 | User-Centric Privacy and Security in Biometrics | Claus Viehauer | 978-1-78561-208-4 | 978-1-78561-207-7 | 2017 | Security |
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| PBCS0250 | Optical MEMS for Chemical Analysis and Biomedicine | Jiang (ed.) | 978-1-84919-898-1 | 978-1-84919-897-4 | 2016 | Materials, Circuits & Devices |
| PBCE1020 | Recent Trends in Sliding Mode Control | Leonid Fridman; Jean-Pierre Barbot & Fr | 978-1-78561-077-6 | 978-1-78561-076-9 | 2016 | Control, Robotics & Sensors |
| PBCS0290 | Nano-CMOS and Post-CMOS Electronics: Devices and Modelling | Mohanty & Srivastava (eds) | 978-1-84919-998-8 | 978-1-84919-997-1 | 2016 | Materials, Circuits & Devices |
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| PBPO0730 | Wide Area Monitoring, Protection and Control Systems: The enabler for smarter grids | Vacarro & Zobaa (eds) | 978-1-84919-831-8 | 978-1-84919-830-1 | 2016 | Energy Engineering |
| PBTR0020 | Energy Systems for Electric and Hybrid Vehicles | Chau (ed) | 978-1-78561-009-7 | 978-1-78561-008-0 | 2016 | Transportation |
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| PBPO0860 | Advances in Power System Modelling, Control and Stability Analysis | Milano (ed) | 978-1-78561-002-8 | 978-1-78561-001-1 | 2016 | Energy Engineering |
| PBCS0260 | High Speed Data Converters | Ali | 978-1-84919-939-1 | 978-1-84919-938-4 | 2016 | Materials, Circuits & Devices |
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| PBTR0070 | Evaluation of Intelligent Road Transportation Systems | Meng Lu (ed.) | 978-1-78561-173-5 | 978-1-78561-172-8 | 2016 | Transportation |
| SBTE5020 | Cognitive Radio Engineering | Bostian et al | 978-161353-212-6 | 978-1-61353-211-9 | 2016 | Telecommunications |
| PBPO0930 | Cogeneration and District Energy Systems: Modelling, Analysis and Optimization | Marc A. Rosen & Seama Koochi-Fayegh | 978-1-78561-127-8 | 978-1-78561-126-1 | 2016 | Energy Engineering |
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| PBPO0820 | Periodic Control of Power Electronic Converters | Blaabjerg, Zhou, Wang and Yang | 978-1-84919-933-9 | 978-1-84919-932-2 | 2016 | Energy Engineering |
| PBCS0320 | Oscillator Circuits: Frontiers in Design, Analysis and Applications | Yoshifumi Nishio (ed) | 978-1-78561-058-5 | 978-1-78561-057-8 | 2016 | Materials, Circuits & Devices |
| PBCE1070 | Solved Problems in Dynamical Systems and Control | J.Tenreiro-Machado, Alexandra Galhan | 978-1-78561-175-9 | 978-1-78561-174-2 | 2016 | Control, Robotics & Sensors |
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| PBPO0740 | Power Electronic Converters and Systems: Frontiers and applications | Trzynadlowski | 978-1-84919-827-1 | 978-1-84919-826-4 | 2015 | Energy Engineering |
| PBCS0280 | Heat Management in Integrated Circuits: On-chip and system-level monitoring and cooling | Ogrenci-Memik | 978-1-84919-935-3 | 978-1-84919-934-6 | 2015 | Materials, Circuits & Devices |
| PBPO0760 | Power System Stability: Modelling, Analysis and Control | Malik | 978-1-84919-945-2 | 978-1-84919-945-2 | 2015 | Energy Engineering |
| PBPO0800 | Reliability of Power Electronic Converter Systems | Chung et al (eds.) | 978-1-84919-902-5 | 978-1-84919-901-8 | 2015 | Energy Engineering |
| SBEW5140 | The Finite-Difference Time-Domain in Electromagnetics, 2nd Edition | Elsherbeni & Demir | 978-1-61353-179-2 | 978-1-61353-175-4 | 2015 | Electromagnetic Waves |
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| SBRA5110 | Digital Techniques for Wideband Receivers, 3rd | Tsui & Chen | 978-1-61353-218-8 | 978-1-61353-217-1 | 2015 | Radar, Sonar & Navigation |
| PBCE0940 | Analysis and Design of Reset Control Systems | Guo, Xie & Wang | 978-1-84919-704-5 | 978-1-84919-703-8 | 2015 | Control, Robotics & Sensors |
| PBPO0790 | Vehicle-to-Grid: Linking electric vehicles to the smart grid | Lu & Hossain (eds.) | 978-1-84919-856-1 | 978-1-84919-855-4 | 2015 | Energy Engineering |
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| PBCE080E | Control-oriented Modelling and Identification: Theory and practice | Marco Lovera | 978-1-84919-615-4 | 978-1-84919-614-7 | 2015 | Control, Robotics & Sensors |
| PBPO0780 | Numerical Analysis of Power System Transients and Dynamics | Ametani (ed.) | 978-1-84919-850-9 | 978-1-84919-849-3 | 2015 | Energy Engineering |
| PBTE0580 | Digital Communications: Principles and systems | Ifiok Otung | 978-1-84919-612-3 | 978-1-84919-611-6 | 2014 | Telecommunications |
| SBCE504E | Transceiver and System Design for Wireless Communications 4th Ed | Scott R. Bullock | 978-1-61353-204-1 | 978-1-61353-203-4 | 2014 | Materials, Circuits & Devices |
| PBCE0950 | Modelling Control Systems Using IEC 61499. 2nd Edition | Lewis & Zoitl | 978-1-84919-761-8 | 978-1-84919-760-1 | 2014 | Control, Robotics & Sensors |
| PBCE093E | Design and Development of Multi-Lane Smart Electromechanical Actuators | Fawaz Y. Annaz | 978-1-84919-656-7 | 978-1-84919-655-0 | 2014 | Control, Robotics & Sensors |
| PBEW055E | Theory and Practice of Modern Antenna Range Measurements | Parini, Gregson, McCormick & Van Rens | 978-1-84919-563-8 | 978-1-84919-560-7 | 2014 | Electromagnetic Waves |
| SBEW506E | Spectrum and Network Measurements, 2nd Edition | Robert A. Witte | 978-1-61353-036-8 | 978-1-61353-014-6 | 2014 | Electromagnetic Waves |
| SBEW516E | Practical Communication Theory, 2nd edition | Dave Adamy | 978-1-61353-187-7 | 978-1-61353-186-0 | 2014 | Electromagnetic Waves |
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| SBEW510E | EMI Troubleshooting Cookbook for Product Designers | Patrick G. André and Ken Wyatt | 978-1-61353-041-2 | 978-1-61353-019-1 | 2014 | Electromagnetic Waves |
| SBEW513E | Sevick's Transmission Line Transformers, 5th Edition | Raymond Mack & Jerry Sevick | 978-1-61353-046-7 | 978-1-89112-197-5 | 2014 | Electromagnetic Waves |
| PBPO069E | The Lightning Flash, 2nd Edition | Vernon Cooray (ed.) | 978-1-84919-692-5 | 978-1-84919-691-8 | 2014 | Energy Engineering |
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| PBPO070E | Economic Evaluation of Projects in the Electricity Supply Industry, 3rd Edition | Hisham Khatib | 978-1-84919-748-9 | 978-1-84919-747-2 | 2014 | Energy Engineering |
| SBRA507E | Test and Evaluation of Avionics and Weapon Systems, 2nd Edition | McShea | 978-1-61353-180-8 | 978-1-61353-176-1 | 2014 | Radar, Sonar & Navigation |

| Product code | Title | Author(s)/Editor(s) | eISBN | ISBN | Published | Included in Subject Collection... |
|--------------|---|--|-------------------|-------------------|-----------|------------------------------------|
| SBRA504E | Inverse Synthetic Aperture Radar Imaging: Principles, Algorithms, and Applications | Victor C. Chen and Marco Martorella | 978-1-61353-035-1 | 978-1-61353-013-9 | 2014 | Radar, Sonar & Navigation |
| PBRA034E | Radar Micro-Doppler Signatures-Processing and Applications | Chen,Tahmoush, & Miceli | 978-1-84919-717-5 | 978-1-84919-716-8 | 2014 | Radar, Sonar & Navigation |
| PBCE084E | Nonlinear and Adaptive Control Systems | Zhengtao Ding | 978-1-84919-575-1 | 978-1-84919-574-4 | 2013 | Control, Robotics & Sensors |
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| PBCE090E | Application of Dimensional Analysis in Systems Modelling and Control Design | Pedro Balaguer | 978-1-84919-622-2 | 978-1-84919-621-5 | 2013 | Control, Robotics & Sensors |
| PBCE092E | Handbook of Vehicle Suspension Control Systems | Honghai Liu; et al | 978-1-84919-634-5 | 978-1-84919-633-8 | 2013 | Control, Robotics & Sensors |
| SBPC5010 | MATLAB® for Electrical and Computer Engineering Students and Professionals: With Simulink® | Roland Priemer | 978-1-61353-207-2 | 978-1-61353-188-4 | 2013 | Computing |
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| PBPO068E | Distribution System Analysis and Automation | Juan M Gers | 978-1-84919-660-4 | 978-1-84919-659-8 | 2013 | Energy Engineering |
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| PBMT029E | Maintaining effective engineering leadership: A new Dependence on Effective Process | Raymond Morrison | 978-1-84919-690-1 | 978-1-84919-689-5 | 2013 | History & Management of Technology |
| PBRA033E | Radar automatic target recognition (ATR) and Non-Cooperative Target Recognition | Blacknell & Griffiths | 978-1-84919-686-4 | 978-1-84919-685-7 | 2013 | Radar, Sonar & Navigation |
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| SBPC502E | VALU, AVX and GPU Acceleration Techniques for Parallel FDTD Methods | Yu et al | 978-1-61353-178-5 | 978-1-61353-174-7 | 2013 | Computing |
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| PBTR008 | Road Pricing: Technologies, economics and acceptability | John Walker | 978-1-78561-206-0 | 978-1-78561-205-3 | 2018 | Published | Transportation |
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| IET | PBCM011E | Advances in Command, Control and Communication Systems | C.J. Harris & I. White (eds.) | 978-1-84919-355-9 | 978-0-86341-094-9 | 1987 |
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Control, Robotics & Sensors (68 titles) - Product code: PBSPC17

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
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| IET | PBCE111 | The Inverted Pendulum in Control Theory and Robotics: From Theory to New Innovations | Olfa Boubaker & Rafael Iriarte | 978-1-78561-321-0 | 978-1-78561-320-3 | 2017 |
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Electromagnetic Waves (76 titles) - Product code: PBSPEM17

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| SciTech | SBEW5240 | Scattering of Electromagnetic Waves by Obstacles | Kristensson | 978-1-61353-222-5 | 978-1-61353-221-8 | 2016 |
| SciTech | SBEW5230 | Radio Frequency Interference Pocket Guide | Wyatt | 978-1-61353-220-1 | 978-1-61353-219-5 | 2015 |
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| IET | PBEW056E | Propagation of Radiowaves 3rd revised edition | Les Barclay (ed.) | 978-1-84919-579-9 | 978-1-84919-578-2 | 2012 |
| SciTech | SBEW042E | Electromagnetic Measurements in the Near Field, 2nd edn | Bienkowski & Trzaska | 9781613531068 | 9781891121067 | 2012 |
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| SciTech | SBEW054E | Theory of Edge Diffraction in Electromagnetics | Ufimtsev | 9781613531228 | 9781891121661 | 2009 |
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| IET | PBEW048E | Theory and Design of Microwave Filters | I.C. Hunter | 978-0-86341-253-0 | 978-0-85296-777-5 | 2001 |
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| IET | PBEW043E | Open Electromagnetic Waveguides | T. Rozzi & M. Mongiardo | 978-1-84919-183-8 | 978-0-85296-896-3 | 1997 |
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| IET | PBEW036E | Propagation, Scattering and Diffraction of Electromagnetic Waves | A.S. Ilyinski, G.Ya.Slepian & A.Ya.Slepian | 978-1-84919-392-4 | 978-0-86341-283-7 | 1993 |
| IET | PBEW035E | VHF and UHF Antennas | R.A. Burberry | 978-1-84919-391-7 | 978-0-86341-269-1 | 1992 |
| IET | PBEW032E | Electromagnetic Waveguides: theory and applications | S.F. Mahmoud | 978-1-84919-388-7 | 978-0-86341-232-5 | 1991 |
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| IET | PBEW028F | Handbook of Microstrip Antennas, Volume 1 | J.R. James & P.S. Hall (eds.) | 978-1-84919-385-6 | 978-0-86341-759-7 | 1989 |
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| IET | PBEN006E | Energy Storage for Power Systems | A. Ter-Gazarian | 978-1-84919-168-5 | 978-0-86341-264-6 | 1994 |
| IET | PBPO018E | Vacuum Switchgear | A. Greenwood | 978-1-84919-433-4 | 978-0-85296-855-0 | 1994 |
| IET | PBPO019E | Electrical Safety: a guide to causes and prevention of hazards | J. Maxwell Adams | 978-1-84919-434-1 | 978-0-85296-806-2 | 1994 |
| IET | PBPO013E | Statistical Techniques for High-Voltage Engineering | W. Hauschild & W. Mosch | 978-1-84919-429-7 | 978-0-86341-205-9 | 1992 |
| IET | PBPO014E | Uninterruptible Power Supplies | J. Platts & J.D. St Aubyn (eds.) | 978-1-84919-430-3 | 978-0-86341-263-9 | 1992 |
| IET | PBPO016E | Electricity Economics and Planning | T.W. Berrie | 978-1-84919-432-7 | 978-0-86341-282-0 | 1992 |
| IET | PBEN005E | Tidal Power | A.C. Baker | 978-1-84919-369-6 | 978-0-86341-189-2 | 1991 |
| IET | PBPO011E | Conduction and Induction Heating | E.J. Davies | 978-1-84919-428-0 | 978-0-86341-174-8 | 1990 |
| IET | PBPO010E | SF6 Switchgear | H.M. Ryan & G.R. Jones | 978-1-84919-427-3 | 978-0-86341-123-6 | 1989 |
| IET | PBPO004E | Industrial Microwave Heating | A.C. Metaxas & R.J. Meredith | 978-1-84919-424-2 | 978-0-90604-889-4 | 1988 |
| IET | PBPO007E | Insulators for High Voltages | J.S.T. Looms | 978-1-84919-425-9 | 978-0-86341-116-8 | 1988 |
| IET | PBPO008E | Variable Frequency AC Motor Drive Systems | D. Finney | 978-1-84919-426-6 | 978-0-86341-114-4 | 1988 |
| IET | PBPO001E | Power Circuit Breaker Theory and Design | C.H. Flurschein (ed.) | 978-1-84919-423-5 | 978-0-90604-870-2 | 1982 |
| IET | PBEN001E | Electrochemical Power Sources: primary and secondary batteries | M. Barak (ed.) | 978-1-84919-368-9 | 978-0-90604-826-9 | 1980 |

Radars, Sonar & Navigation (57 titles) - Product code: PBSPRS17

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
|---------|--------------|--|---|-------------------|-------------------|-----------|
| SciTech | SBRA520 | The Impact of Cognition on Radar Technology | Alfonso Farina et al | 978-1-78561-581-8 | 978-1-78561-580-1 | 2017 |
| SciTech | SBRA514 | Biologically-Inspired Radar and Sonar: Lessons from Nature | Alessio Balleri et al | 978-1-61353-236-2 | 978-1-61353-235-5 | 2017 |
| SciTech | SBRA512A | Novel Radar Techniques and Applications, Vol 1 | Klemm et al | 978-1-61353-227-0 | 978-1-61353-225-6 | 2017 |
| SciTech | SBRA512B | Novel Radar Techniques and Applications, Vol 2 | Klemm et al | 978-1-61353-228-7 | 978-1-61353-226-3 | 2017 |
| SciTech | SBRA5090 | Modern Radar Detection Theory | DeMaio & Greco | 978-1-61353-200-3 | 978-1-61353-199-0 | 2015 |
| SciTech | SBRA5110 | Digital Techniques for Wideband Receivers, 3rd | Tsui & Chen | 978-1-61353-218-8 | 978-1-61353-217-1 | 2015 |
| SciTech | SBRA507E | Test and Evaluation of Avionics and Weapon Systems, 2nd Edition | McShea | 978-1-61353-180-8 | 978-1-61353-176-1 | 2014 |
| SciTech | SBRA504E | Inverse Synthetic Aperture Radar Imaging: Principles, Algorithms, and Applications | Victor C. Chen and Marco Martorella | 978-1-61353-035-1 | 978-1-61353-013-9 | 2014 |
| IET | PBRA034E | Radar Micro-Doppler Signatures-Processing and Applications | Chen, Tahmouh, & Miceli | 978-1-84919-717-5 | 978-1-84919-716-8 | 2014 |
| IET | PBRA025E | Sea-Clutter 2nd edition | Keith Ward, Robert Tough and Simon Watts | 978-1-84919-590-4 | 978-1-84919-589-8 | 2013 |
| IET | PBRA026E | Radar Techniques Using Array Antennas, 2nd Edition | Wulf-Dieter Wirth | 978-1-84919-699-4 | 978-1-84919-698-7 | 2013 |
| IET | PBRA033E | Radar automatic target recognition (ATR) and Non-Cooperative Target Recognition | Blacknell & Griffiths | 978-1-84919-686-4 | 978-1-84919-685-7 | 2013 |
| SciTech | PBRA033E | Radar and Electronic Warfare Principles for the Non-specialist | Paul Hannen | 978-1-61353-196-9 | 978-1-61353-011-5 | 2013 |
| SciTech | SBRA503E | Principles of Modern Radar: Volume 3 Applications | James A. Scheer and William L. Melvin | 978-1-61353-032-0 | 978-1-89112-154-8 | 2013 |
| SciTech | SBRA508E | Angle of Arrival Estimation Using Radar Interferometry | E.Jeff Holder | 978-1-61353-185-3 | 978-1-61353-184-6 | 2013 |
| IET | PBRA022E | Waveform Design and Diversity for Advanced Radar Systems | Fulvio Gini, Antonio De Maio, Lee K. Patton | 978-1-84919-266-8 | 978-1-84919-265-1 | 2012 |
| IET | PBRA023E | Tracking Filter Engineering | Norman Morrison | 978-1-84919-555-3 | 978-1-84919-554-6 | 2012 |
| SciTech | SBRA024E | Pulse Doppler Radar | Alabaster | 9781613531518 | 9781891121982 | 2012 |
| SciTech | SBRA029E | Radar Essentials: a concise handbook for radar design and performance | Curry | 9781613531563 | 9781613530078 | 2012 |
| SciTech | SBRA020E | Principles of Modern Radar: advanced techniques | Melvin & Scheer | 9781613530245 | 9781891121531 | 2012 |
| SciTech | SBRA006E | Electronic Warfare Pocket Guide | Adamy | 9781613531341 | 9781891121616 | 2011 |
| SciTech | SBRA007E | Foliage Penetration Radar: detection & characterisation of objects under trees | Davis | 9781613531358 | 9781891121005 | 2011 |
| SciTech | SBRA023E | Principles of Waveform Diversity and Design | Wicks et al | 9781613531501 | 9781891121951 | 2011 |
| SciTech | SBRA019E | Pocket Radar Guide: key facts, equations, and data | Curry | 9781613531464 | 9781891121081 | 2010 |
| SciTech | SBRA033E | Test and Evaluation of Aircraft Avionics and Weapons Systems | McShea | 9781613531600 | 9781891121906 | 2010 |
| SciTech | SBRA021E | Principles of Modern Radar: basic principles | Richards, Scheer & Holm | 9781613531488 | 9781891121524 | 2010 |
| SciTech | SBRA008E | Fundamentals of Ground Radar for ATC Engineers and Technicians | Bouwman | 9781613531365 | 9781891121753 | 2009 |
| SciTech | SBRA014E | Introduction to Sensors for Ranging and Imaging | Brooker | 9781613531426 | 9781891121746 | 2009 |

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
|---------|--------------|---|--------------------------------|-------------------|-------------------|-----------|
| SciTech | SBRA018E | Phased-Array Radar Design: application of radar fundamentals | Jeffrey | 9781613531457 | 9781891121692 | 2009 |
| SciTech | SBRA004E | Design of Multi-Frequency CW Radars | Jankiraman | 9781613531327 | 9781891121562 | 2007 |
| SciTech | SBRA001E | Advances in Bistatic Radar | Willis & Griffiths | 9781613531297 | 9781891121487 | 2007 |
| IET | PBRA020E | Sea Clutter: Scattering, the K Distribution and Radar Performance | K. Ward, R. Tough & S. Watts | 978-0-86341-993-5 | 978-0-86341-503-6 | 2006 |
| IET | PBRA021E | Principles of Space-Time Adaptive Processing, 3rd edition | R. Klemm | 978-086341-994-2 | 978-0-86341-566-1 | 2006 |
| SciTech | SBRA011E | Introduction to Electronic Warfare Modeling and Simulation | Adamy | 9781613531402 | 9781891121623 | 2006 |
| IET | PBRA018E | Introduction to Radar Target Recognition | P. Tait | 978-1-84919-083-1 | 978-0-86341-501-2 | 2005 |
| IET | PBRA019E | Radar Imaging and Holography | A. Pasmurov & S. Zinovjev | 978-1-84919-084-8 | 978-0-86341-502-9 | 2005 |
| SciTech | SBRA017E | Microwave Receivers with Electronic Warfare Applications | Tsui | 9781613531440 | 9781891121401 | 2005 |
| IET | PBRA014E | Applications of Space-Time Adaptive Processing | R. Klemm (ed.) | 978-1-84919-081-7 | 978-0-85296-924-3 | 2004 |
| IET | PBRA015E | Ground Penetrating Radar, 2nd edition | D. Daniels (ed.) | 978-0-86341-992-8 | 978-0-86341-360-5 | 2004 |
| IET | PBRA016E | Target Detection by Marine Radar | J. Briggs | 978-1-84919-082-4 | 978-0-86341-359-9 | 2004 |
| IET | PBRA017E | Strapdown Inertial Navigation Technology, 2nd edition | D. Titterton & J. Weston | 978-1-84919-093-0 | 978-0-86341-358-2 | 2004 |
| SciTech | SBRA028E | Radar Detection | DiFranco & Ruby | 9781613531556 | 9781891121364 | 2004 |
| SciTech | SBRA026E | Radar Cross Section, 2nd edn | Knott et al | 9781613531532 | 9781891121258 | 2004 |
| SciTech | SBRA002E | Airborne Early Warning System Concepts, 3rd edn | Long | 9781613531303 | 9781891121326 | 2004 |
| SciTech | PBRA013E | Introduction to RF Stealth | Lynch | 9781613531730 | 9780863413490 | 2004 |
| SciTech | SBRA030E | Radar Foundations for Imaging and Advanced Concepts | Sullivan | 9781613531570 | 9781891121227 | 2004 |
| SciTech | SBRA032E | Radar Principles for the Non-Specialist, 3rd | Toomay & Hannan | 9781613531594 | 9781891121340 | 2004 |
| SciTech | SBRA005E | Digital Techniques for Wideband Receivers | Tsui | 9781613531334 | 9781891121265 | 2004 |
| SciTech | SBRA003E | Bistatic Radar, 2nd edn | Willis | 9781613531310 | 9781891121456 | 2004 |
| IET | PBRA010E | Radar Techniques Using Array Antennas | W. Wirth | 978-1-84919-143-2 | 978-0-85296-798-0 | 2001 |
| IET | PBRA008E | Aviation weather surveillance systems | P.R. Mahapatra | 978-1-84919-180-7 | 978-0-85296-937-3 | 1999 |
| SciTech | SBRA034E | Understanding Radar Systems | Kingsley & Quegan | 9781613531617 | 9781891121050 | 1999 |
| SciTech | SBRA101E | Introduction to Airborne Radar, 2nd edn | Stimson | 9781613531372 | 9781891121012 | 1998 |
| IET | PBRA007E | Ultrawideband Radar Measurements: analysis and processing | L. Yu. Astanin & A.A. Kostylev | 978-1-84919-179-1 | 978-0-85296-894-9 | 1997 |
| IET | PBRA004E | Advanced Radar Techniques and Systems | G. Galati (ed.) | 978-1-84919-178-4 | 978-0-86341-172-4 | 1993 |
| IET | PBRA003E | Weibull Radar Clutter | M. Sekine & Y. Mao | 978-1-84919-177-7 | 978-0-86341-191-5 | 1990 |
| IET | PBRA001E | Optimised Radar Processors | A. Farina (ed.) | 978-1-84919-176-0 | 978-0-86341-118-2 | 1987 |

Telecommunications (59 titles) - Product code: PBSPT17

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
|---------|--------------|--|---|-------------------|-------------------|-----------|
| IET | PBTE0740 | Access, Fronthaul and Backhaul Networks for 5G & Beyond | Muhammad Ali Imran et al | 978-1-78561-214-5 | 978-1-78561-213-8 | 2017 |
| IET | PBTE0760 | Trusted Communications with Physical Layer Security for 5G and Beyond | Trung Q. Duong et al | 978-1-78561-236-7 | 978-1-78561-235-0 | 2017 |
| IET | PBTE080 | Transceivers and System Design for Digital Communications, 5th Edition | Scott R. Bullock | 978-1-78561-496-5 | 978-1-78561-495-8 | 2017 |
| IET | PBTE072 | Introduction to Digital Wireless Communications | Hong-Chuan Yang | 978-1-78561-161-2 | 978-1-78561-160-5 | 2017 |
| IET | PBTE0710 | Understanding Telecommunications Networks, 2nd edition | Andrew Valdar | 978-1-78561-165-0 | 978-1-78561-164-3 | 2017 |
| IET | PBTE0690 | 5G Wireless Technologies | Angeliki Alexiou | 978-1-78561-062-2 | 978-1-78561-061-5 | 2017 |
| IET | PBTE073 | Network as a Service for Next Generation Internet | Qiang Duan & Shangguang Wang | 978-1-78561-177-3 | 978-1-78561-176-6 | 2017 |
| IET | PBTE0700 | Cloud and Fog Computing in 5G Mobile Networks | Evangelos Markakis et al | 978-1-78561-084-4 | 978-1-78561-083-7 | 2017 |
| IET | PBTE0650 | Advances in Body-Centric Wireless Communication: Applications and State-of-the-art | Alomainy, Abbasi, Rehman & Qaraqe (eds) | 978-1-84919-990-2 | 978-1-84919-989-6 | 2016 |
| IET | SBTE5020 | Cognitive Radio Engineering | Bostian et al | 978-161353-212-6 | 978-1-61353-211-9 | 2016 |
| IET | PBTE0680 | Advanced Relay Technologies in Next Generation Wireless Communications | Krikidis & Zheng (eds) | 978-1-78561-004-2 | 978-1-78561-003-5 | 2016 |
| IET | PBTE0670 | Managing the Internet of Things: Architectures, Theories, and Applications | Hua & Huang (eds) | 978-1-78561-029-5 | 978-1-78561-028-8 | 2016 |
| IET | PBTE0600 | Understanding Telecommunications Business | Valdar & Morfett | 978-1-84919-746-5 | 978-1-84919-745-8 | 2015 |
| IET | PBTE0580 | Digital Communications: Principles and systems | Ifiok Otung | 978-1-84919-612-3 | 978-1-84919-611-6 | 2014 |
| IET | PBTE059E | Dynamic Ad-Hoc Networks | Rashvand and Chao (ed) | 978-1-84919-648-2 | 978-1-84919-647-5 | 2013 |
| IET | PBTE056E | Key Enablers for User-Centric Advertising Across Next Generation Networks | J. Simoes | 978-1-84919-619-2 | 978-1-84919-618-5 | 2012 |
| SciTech | SBTE009E | Wireless Receiver Design for Digital Communications, 2nd edn | McClaning | 9781613531723 | 9781891121807 | 2012 |
| IET | PBTE054E | Standard Codecs: Image compression to advanced video coding, 3rd edition | M. Ghanbari | 978-1-84919-113-5 | 978-0-86341-964-5 | 2011 |
| IET | PBTE053E | Video Compression Systems: From first principles to concatenated codecs | A. Bock | 978-1-84919-103-6 | 978-0-86341-963-8 | 2009 |
| SciTech | SBTE008E | Transceiver and System Design for Digital Communications, 3rd edn | Bullock | 9781613531716 | 9781891121722 | 2009 |
| SciTech | SBTE501E | Introduction to Broadband Communication Systems | Akujuobi & Sadiku | 9781613531839 | 9781420061499 | 2008 |
| IET | PBTE052E | Understanding Telecommunications Networks | A. Valdar | 978-0-86341-998-0 | 978-0-86341-362-9 | 2006 |
| IET | PBBT007E | Telecommunications Performance Engineering | R. Ackerley (ed.) | 978-1-84919-033-6 | 978-0-86341-341-4 | 2004 |
| IET | PBBT008E | Location and Personalisation: Delivering Online and Mobility Services | D. Ralph & S. Searby (eds.) | 978-1-84919-034-3 | 978-0-86341-338-4 | 2004 |
| IET | PBBT009E | Mobile and Wireless Communications: Key Technologies and Future Applications | P. Smyth (ed.) | 978-1-84919-035-0 | 978-0-86341-368-1 | 2004 |
| IET | PBTE047E | Local Access Network Technologies | P. France (ed.) | 978-1-84919-085-5 | 978-0-85296-176-6 | 2004 |

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
|---------|--------------|---|--|-------------------|-------------------|-----------|
| IET | PBTE051E | Security for Mobility | C. Mitchell (ed.) | 978-1-84919-088-6 | 978-0-86341-337-7 | 2004 |
| IET | PBBT005E | Broadband Applications and the Digital Home | J.Turnbull & S. Garrett (eds.) | 978-1-84919-031-2 | 978-0-85296-428-6 | 2003 |
| IET | PBBT006E | Telecommunications Network Modelling, Planning and Design | S. Evans (ed.) | 978-1-84919-032-9 | 978-0-86341-323-0 | 2003 |
| IET | PBTE048E | Telecommunications Quality of Service Management | A.P. Oodan (ed.) | 978-1-84919-086-2 | 978-0-85296-424-8 | 2003 |
| IET | PBTE049E | Standard Codecs: Image compression to advanced video coding, 2nd edition | M. Ghanbari | 978-0-86341-997-3 | 978-0-85296-710-2 | 2003 |
| IET | PBTE050E | Telecommunications Regulation | J. Buckley | 978-1-84919-087-9 | 978-0-85296-444-6 | 2003 |
| IET | PBBT004E | Internet and Wireless Security | R. Temple & J. Regnault (eds.) | 978-0-86341-014-7 | 978-0-85296-197-1 | 2002 |
| IET | PBTE046E | Intelligent Networks: Principles and Applications | J.R. Anderson | 978-1-84919-028-2 | 978-0-85296-977-9 | 2002 |
| IET | PBBT001E | Carrier Scale IP Networks: designing and operating Internet networks | P. Willis (ed.) | 978-1-84919-056-5 | 978-0-85296-982-3 | 2001 |
| IET | PBBT002E | Future Mobile Networks: 3G and beyond | A. Clapton (ed.) | 978-1-84919-029-9 | 978-0-85296-983-0 | 2001 |
| IET | PBBT003E | Voice Over IP (internet protocol): systems and solutions | R. Swale (ed.) | 978-1-84919-030-5 | 978-0-85296-024-0 | 2001 |
| SciTech | SBTE002E | Broadband Communications and Home Networking | Bullock | 9781613531655 | 9781884932199 | 2001 |
| SciTech | SBTE005E | Spectrum and Network Measurements | Witte | 9781613531686 | 9781884932168 | 2001 |
| IET | PBTE044E | Digital Signal Filtering, Analysis and Restoration | J. Jan | 978-1-84919-182-1 | 978-0-85296-760-7 | 2000 |
| IET | PBTE038E | Satellite Communication Systems, 3rd edition | B.G. Evans (ed.) | 978-0-86341-996-6 | 978-0-85296-899-4 | 1999 |
| IET | PBTE041E | World Telecommunications Economics | J.J. Wheatley | 978-1-84919-465-5 | 978-0-85296-936-6 | 1999 |
| IET | PBTE043E | Telecommunications Signalling | R.J. Manterfield | 978-1-84919-181-4 | 978-0-85296-761-4 | 1999 |
| IET | PBTE045E | Radio Spectrum Management, 2nd edition | D.J. Withers | 978-1-84919-466-2 | 978-0-85296-770-6 | 1999 |
| IET | PBTE040E | Spread Spectrum in Mobile Communication | O. Berg, T. Berg, J.F. Hjelmstad, S. Haavik & R. Skaug | 978-1-84919-464-8 | 978-0-85296-935-9 | 1998 |
| IET | PBTE035E | Principles of Performance Engineering for Telecommunication and Information Systems | M. Ghanbari, C.J. Hughes, M.C. Sinclair & J.P. Eade | 978-1-84919-462-4 | 978-0-86341-639-2 | 1997 |
| IET | PBTE036E | Telecommunication Networks, 2nd edition | J.E. Flood (ed.) | 978-1-84919-463-1 | 978-0-85296-886-4 | 1997 |
| IET | PBTE033E | Modern Personal Radio Systems | R.C.V. Macario (ed.) | 978-1-84919-461-7 | 978-0-85296-861-1 | 1996 |
| IET | PBTE032E | Analogue Optical Fibre Communications | B. Wilson, Z. Ghassemlooy & I.Z. Darwazeh (eds.) | 978-1-84919-460-0 | 978-0-85296-832-1 | 1995 |
| IET | PBTE031E | Data Communications and Networks. 3rd edition | R.L. Brewster (ed.) | 978-1-84919-459-4 | 978-0-85296-804-8 | 1994 |
| IET | PBTE905E | ISDN Applications in Education and Training | R.Mason & P.D. Bacsich (eds.) | 978-1-84919-467-9 | 978-0-85296-860-4 | 1994 |
| IET | PBTE029E | ATM: the broadband telecommunications solution | L.G. Cuthbert & J.-C. Sapanel | 978-1-84919-458-7 | 978-0-85296-815-4 | 1993 |
| IET | PBTE028E | Very Small Aperture Terminals (VSATs) | J.L. Everett (ed.) | 978-1-84919-457-0 | 978-0-86341-200-4 | 1992 |
| IET | PBTE026E | Common-Channel Signalling | R.J. Manterfield | 978-1-84919-456-3 | 978-0-86341-240-0 | 1991 |
| IET | PBTE020E | An Introduction to Satellite Communications | D.I. Dalgleish | 978-1-84919-455-6 | 978-0-86341-132-8 | 1989 |
| IET | PBTE019E | Telecommunications Traffic, Tariffs and Costs. An Introduction for Managers | R.E. Farr | 978-1-84919-454-9 | 978-0-86341-145-8 | 1988 |
| IET | PBTE012E | Spread Spectrum in Communication | R. Skaug & J.F. Hjelmstad | 978-1-84919-452-5 | 978-0-86341-034-5 | 1985 |
| IET | PBTE013E | Advanced Signal Processing | D.J. Creasey (ed.) | 978-1-84919-453-2 | 978-0-86341-037-6 | 1985 |
| IET | PBTE009E | Phase Noise in Signal Sources | W.P. Robins | 978-1-84919-451-8 | 978-0-86341-026-0 | 1984 |

Security (6 titles) - Product code: PBSPSC17

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
|---------|--------------|---|-------------------------------------|-------------------|-------------------|-----------|
| IET | PBSE005 | Iris and Periocular Biometric Recognition | Christian Rathgeb & Christoph Busch | 978-1-78561-169-8 | 978-1-78561-168-1 | 2017 |
| IET | PBSE004 | User-Centric Privacy and Security in Biometrics | Claus Viehauer | 978-1-78561-208-4 | 978-1-78561-207-7 | 2017 |
| IET | PBSE0030 | Mobile Biometrics | Guodong Guo & Harry Wechsler | 978-1-78561-096-7 | 978-1-78561-095-0 | 2017 |
| IET | PBSE0070 | Data Security in Cloud Computing | Vimal Kumar et al | 978-1-78561-221-3 | 978-1-78561-220-6 | 2017 |
| IET | PBSE0020 | Engineering Secure Internet of Things Systems | Benjamin Aziz | 978-1-78561-054-7 | 978-1-78561-053-0 | 2016 |
| IET | PBSP0100 | Age Factors in Biometric Processing | Michael Fairhurst (ed.) | 978-1-84919-503-4 | 978-1-84919-502-7 | 2013 |

Healthcare Technologies (8 titles) - Product code: PBSPHE17

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
|---------|--------------|---|-----------------------------------|-------------------|-------------------|-----------|
| IET | PBHE014 | Soft Robots for Healthcare Applications: Design, Modelling, and Control | Shane Xie et al | 978-1-78561-312-8 | 978-1-78561-311-1 | 2017 |
| IET | PBHE010 | Enhanced Living Environments: From Models to Technologies | Ciprian Dobre et al | 978-1-78561-212-1 | 978-1-78561-211-4 | 2017 |
| IET | PBHE0030 | Portable Biosensors and Point-of-Care Systems | Kintzios | 978-1-84919-963-6 | 978-1-84919-962-9 | 2017 |
| IET | PBHE009 | Human Monitoring, Smart Health and Assisted Living: Techniques and Technologies | Sauro Longhi et al | 978-1-78561-151-3 | 978-1-78561-150-6 | 2017 |
| IET | PBHE0020 | Machine Learning for Healthcare Technologies | Clifton (ed.) | 978-1-84919-979-7 | 978-1-84919-978-0 | 2016 |
| IET | PBHE0040 | Biomedical Nanomaterials: From Design To Implementation | Webster & Yazici (eds) | 978-1-84919-965-0 | 978-1-84919-964-3 | 2016 |
| IET | PBHE0060 | Active and Assisted Living: Technologies and Applications | Florez-Revuelta & Chaaraoui (eds) | 978-1-84919-988-9 | 978-1-84919-987-2 | 2016 |
| IET | PBHE0010 | Nanobiosensors for Personalized and Onsite Biomedical Diagnosis | Chandra (ed.) | 978-1-84919-951-3 | 978-1-84919-950-6 | 2016 |

Transportation (6 titles) - Product code:PBSPTR17

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
|---------|--------------|--|---------------------|-------------------|-------------------|-----------|
| IET | PBTR0050 | Sliding Mode Control of Vehicle Dynamics | Antonella Ferrara | 978-1-78561-210-7 | 978-1-78561-209-1 | 2017 |

| Imprint | Product Code | Title | Author(s)/Editor(s) | eISBN | Print ISBN | Published |
|---------|--------------|--|--------------------------|-------------------|-------------------|-----------|
| IET | PBTR006 | Low Carbon Mobility for Future Cities: Principles and Applications | Hussein Dia | 978-1-78561-198-8 | 978-1-78561-197-1 | 2017 |
| IET | PBTR0020 | Energy Systems for Electric and Hybrid Vehicles | Chau (ed) | 978-1-78561-009-7 | 978-1-78561-008-0 | 2016 |
| IET | PBTR0070 | Evaluation of Intelligent Road Transportation Systems | Meng Lu (ed.) | 978-1-78561-173-5 | 978-1-78561-172-8 | 2016 |
| IET | PBTR0010 | Clean Mobility and Intelligent Transport Systems | Fiorini & Lin (eds.) | 978-1-84919-896-7 | 978-1-84919-895-0 | 2015 |
| IET | PBSP0090 | Driver Adaptation to Information and Assistance Systems | Stevens, Krems & Brusque | 978-1-84919-640-6 | 978-1-84919-639-0 | 2013 |