IEEE - Institute of Electrical and Electronic Engineers
Lista de Livros Eletrônicos - Janeiro de 2014

Title	Authors	Copyright Year
3DTV Content Capture, Encoding and Transmission: Building the Transport Infrastructure for Commercial Services	Minoli, D.;	2010
3G, HSPA and FDD versus TDD Networking: Smart Antennas and Adaptive Modulation	Ni, S.;	2008
802.1aq Shortest Path Bridging Design and Evolution: The Architect's Perspective	Bragg, N.;	2012
A Century of Honors: The First One-Hundred Years of Award Winners, Honorary Members, Past Presidents, and Fellows of the Institute:		1984
A Field Guide to Dynamical Recurrent Networks:	Kremer, S.;	2001
A Guide to the Wireless Engineering Body of Knowledge (WEBOK):	Jajszczyk, A.;	2012
A Guide to the Wireless Engineering Body of Knowledge (WEBOK):		2009
ARC Flash Hazard Analysis and Mitigation:	Das, J.;	2012
Accelerated Stress Testing Handbook: Guide for Achieving Quality Products	Chan, H.;	2001
Acoustic Array Systems: Theory, Implementation, and Application	Benesty, J.;	2013
Acoustic Echo and Noise Control: A Practical Approach	Schmidt, G.;	2004
Active Antennas and Quasi-Optical Arrays:	Harvey, J.;	1999
Adaptive Antennas for Wireless Communications:	Tsoulos, G.;	2001
Adaptive Control Design and Analysis:	Tao, G.;	2003
Adaptive Filters:	Sayed, A.;	2008
Adaptive Inverse Control, Reissue Edition: A Signal Processing Approach	Walach, E.;	2008
Adaptive Signal Processing: Next Generation Solutions	Haykin, S.;	2010
Adaptive Wireless Transceivers: Turbo-Coded, Turbo-Equalized and Space-Time Coded TDMA, CDMA, and OFDM Systems	Yee, M.;	2002
Advanced Biomedical Image Analysis:	Haidekker, M.;	2011
Advanced Design Techniques and Realizations of Microwave and RF Filters:	Beneat, J.;	2008
Advanced Electronic Packaging:	Brown, W.;	2006
Advanced Electronic Packaging: With Emphasis on Multichip Modules	Brown, W.;	2006
Advanced FPGA Design: Architecture, Implementation, and Optimization	Kilts, S.;	2007
Advanced Frequency Synthesis by Phase Lock:	Egan, W.;	2011

Advanced Instrumentation and Computer I/O Design: Real-Time Computer Interactive Engineering	Garrett, P.;	1994
Advanced Integrated Communication Microsystems:	Tantzeris, M.;	2007
Advanced Methods of Biomedical Signal Processing:	Marchesi, C.;	2011
Advanced Quantum Communications: An Engineering Approach	Gyongyosi, L.;	2013
Advanced Semiconductor Memories: Architectures, Designs, and Applications	Sharma, A.;	2003
Advanced Signal Integrity for High-Speed Digital Designs:	Heck, H.;	2009
Advanced Theory of Semiconductor Devices:	Hess, K.;	2000
Advances in Multiuser Detection:	Honig, M.;	2009
Algorithmic and Artificial Intelligence Methods for Protein Bioinformatics:	Li, M.;	2014
Algorithms and Protocols for Wireless Sensor Networks:	Boukerche, A.;	2008
Algorithms and Protocols for Wireless, Mobile Ad Hoc Networks:	Boukerche, A.;	2009
An Introduction to Audio Content Analysis: Applications in Signal Processing and Music Informatics	Lerch, A.;	2012
An Introduction to Communication Network Analysis:	Kesidis, G.;	2007
An Introduction to Network Modeling and Simulation for the Practicing Engineer:	Ward, J.;	2011
An Introduction to Statistical Communication Theory: An IEEE Press Classic Reissue	Middleton, D.;	1996
An Introduction to Wavelet Modulated Inverters:	Rahman, M.;	2011
An Introduction to the Theory of Random Signals and Noise:	Root, W.;	1987
Analog MOS Integrated Circuits, II:	Brodersen, R.;	1989
Analysis and Design of Autonomous Microwave Circuits:	Suarez, A.;	2009
Analysis of Electric Machinery and Drive Systems:	Sudhoff, S.;	2002
Analysis of Faulted Power Systems:	Anderson, P.;	1995
Analysis of Multiconductor Transmission Lines:	Paul, C.;	2008
Antenna Arrays: A Computational Approach	Haupt, R.;	2010
Antenna Design for Mobile Devices:	Zhang, Z.;	2011
Antenna Theory & Design:	Elliott, R.;	2003
Applications of High Temperature Superconductors to Electric Power Equipment:	Kalsi, S.;	2011
Applied Cryptanalysis: Breaking Ciphers in the Real World	Low, R.;	2007
Applied Industrial Energy and Environmental Management:	Gvozdenac, D.;	2008
Applied Intelligent Control of Induction Motor Drives:	Shi, K.;	2011
Architectural Electromagnetic Shielding Handbook: A Design and Specification Guide	Hemming, L.;	1992
Automated Defect Prevention: Best Practices in Software Management	Kolawa, A.;	2007
Baseband Receiver Design for Wireless MIMO-OFDM Communications:	Lai, I.;	2012

Basics of Biomedical Ultrasound for Engineers:	Azhari, H.;	2010
Bayesian Bounds for Parameter Estimation and Nonlinear Filtering/Tracking:	Bell, K.;	2007
Beyond Redundancy: How Geographic Redundancy Can Improve Service Availability and Reliability of Computer-Based Systems	Eustace, D.;	2012
Bio-Medical Telemetry: Sensing and Transmitting Biological Information from Animals and Man	MacKay, R.;	1993
Biomedical Signal Analysis: A Case-Study Approach	Rangayyan, R.;	2002
Biometrics: Theory, Methods, and Applications	Micheli-Tzanakou, E.	2010
Body Area Communications: Channel Modeling, Communication Systems, and EMC	Wang, Q.;	2012
Business and Scientific Workflows: A Web Service-Oriented Approach	Zhou, M.;	2013
CMOS Biomicrosystems: Where Electronics Meet Biology	Iniewski, K.;	2011
CMOS Electronics: How It Works, How It Fails	Hawkins, C.;	2004
CMOS Sigma-Delta Converters: Practical Design Guide	del R?o, R.;	2013
CMOS Voltage References: An Analytical and Practical Perspective	Tam, W.;	2013
Capacitive Sensors: Design and Applications	Baxter, L.;	1997
Channel Equalization for Wireless Communications: From Concepts to Detailed Mathematics	Bottomley, G.;	2011
Chaos in Electric Drive Systems: Analysis, Control and Application	Wang, Z.;	2011
Circuit Simulation:	Najm, F.;	2010
Circuits and Systems Tutorials:	Porta, S.;	1996
Circularly Polarized Antennas:	Zhu, F.;	2014
Claude E. Shannon: Collected Papers	Wyner, A.;	1993
Clustering:	Wunsch, D.;	2009
Cold Plasma Materials Fabrication: From Fundamentals to Applications	Grill, A.;	1994
ComSoc Pocket Guide to Managing Telecommunications Projects:	Desmond, C.;	2010
Communication Patterns of Engineers:	King, D.;	2004
Communication Systems and Techniques:	Stein, S.;	1996
Communication and Control in Electric Power Systems: Applications of Parallel and Distributed Processing	Wang, Y.;	2003
Communications Engineering: Essentials for Computer Scientists and Electrical Engineers	Lin, J.;	2007
Compact MOSFET Models for VLSI Design:	Bhattacharyya, A.;	2009
Compiler Construction Using Java, JavaCC, and Yacc:	Dos Reis, A.;	2012
Complete Guide to Semiconductor Devices:	Ng, K.;	2002

Complex Electromagnetic Problems and Numerical Simulation Approaches:	Sevgi, L.;	2003
Complex-Valued Neural Networks: Advances and Applications	Hirose, A.;	2013
Computational Auditory Scene Analysis: Principles, Algorithms, and Applications	Brown, G.;	2006
Computational Intelligence: The Experts Speak	Robinson, C.;	2003
Computational Intelligence and Feature Selection: Rough and Fuzzy Approaches	Shen, Q.;	2008
Computational Intelligence in Bioinformatics:	Pan, Y.;	2007
Computational Methods for Electromagnetics:	Mittra, R.;	1998
Computationally Intelligent Hybrid Systems: The Fusion of Soft Computing and Hard Computing	Ovaska, S.;	2005
Computer, Network, Software, and Hardware Engineering with Applications:	Schneidewind, N.;	2012
Computer-Aided Design of Analog Integrated Circuits and Systems:	Antao, B.;	2002
Concurrent and Distributed Computing in Java:	Garg, V.;	2004
Conformal Array Antenna Theory and Design:	Persson, P.;	2006
Connections: Patterns of Discovery	Smith, C.;	2008
Contamination and ESD Control in High Technology Manufacturing:	Newberg, C.;	2006
Contemporary Cryptology: The Science of Information Integrity	Simmons, G.;	1992
Control Theory: Twenty-Five Seminal Papers (1932-1981)	Basar, T.;	2001
Control of Electric Machine Drive Systems:	Sul, S.;	2011
Control of Power Inverters in Renewable Energy and Smart Grid Integration:	Hornik, T.;	2012
Coplanar Waveguide Circuits, Components, and Systems:	Simons, R.;	2001
Crystal Clear: The Struggle for Reliable Communications Technology in World War II	Thompson, R.;	2006
DSP Processor Fundamentals: Architectures and Features	Lee, E.;	1997
DWDM: Networks, Devices, and Technology	Kartalopoulos, S.;	2002
Data Mining: Concepts, Models, Methods, and Algorithms	Kantardzic, M.;	2011
Data Mining: Concepts, Models, Methods, and Algorithms	Kantardzic, M.;	2003
Data Mining Methods and Models:	Larose, D.;	2006
Database Design and Development: An Essential Guide for IT Professionals	Ponniah, P.;	2003
Dawn of the Electronic Age: Electrical Technologies in the Shaping of the Modern World, 1914 to 1945	Nebeker, F.;	2009
Delta-Sigma Data Converters: Theory, Design, and Simulation	Temes, G.;	1997
Dependability Benchmarking for Computer Systems:	Spainhower, L.;	2008
Design Through Verilog HDL:	Sundari, B.;	2004
Design and Analysis of Magnetoresistive Recording Heads:	Williams, E.;	2001
Design for Embedded Image Processing on FPGAs:	Bailey, D.;	2011

Design for Reliability: Information and Computer-Based Systems	Bauer, E.;	2010
Design for Reliability:	Gullo, L.;	2012
Design of High-Performance Microprocessor Circuits:	Fox, F.;	2001
Design of Multithreaded Software: The Entity-Life Modeling Approach	Sandén, B.;	2011
Designing High Availability Systems: DFSS and Classical Reliability Techniques with Practical Real Life Examples	Taylor, Z.;	2014
Developments in Data Storage: Materials Perspective	Chong, T.;	2012
Differential Evolution: Fundamentals and Applications in Electrical Engineering	Qing, A.;	2009
Differential Forms in Electromagnetics:	Lindell, I.;	2004
Digital Communication over Fading Channels:	Alouini, M.;	2005
Digital Filters: Principles and Applications with MATLAB	Taylor, F.;	2012
Digital Microwave Communication: Engineering Point-to-Point Microwave Systems	Kizer, G.;	2013
Digital Signal Processing and Applications with the TMS320C6713 and TMS320C6416 DSK:	Reay, D.;	2008
Digital System Clocking: High-Performance and Low-Power Aspects	Nedovic, N.;	2003
Digital Systems Testing and Testable Design:	Friedman, A.;	1990
Digital Transmission Engineering:	Anderson, J.;	2005
Direct Digital Frequency Synthesizers:	Kroupa, V.;	1999
Direct Eigen Control for Induction Machines and Synchronous Motors:	Alacoque, J.;	2013
Direct Methods for Stability Analysis of Electric Power Systems: Theoretical Foundation, BCU Methodologies, and Applications	Chiang, H.;	2011
Discontinuities in the Electromagnetic Field:	Idemen, M.;	2011
Discrete-Time Processing of Speech Signals:	Proakis, J.;	2000
Distributed Database Management Systems: A Practical Approach	Haug, F.;	2010
Distributed Operating Systems: Concepts and Design	Sinha, P.;	1997
Disturbance Analysis for Power Systems:	Ibrahim, M.;	2012
Doubly Fed Induction Machine: Modeling and Control for Wind Energy Generation Applications:	Iwanski, G.;	2011
EM Detection of Concealed Targets:	Daniels, D.;	2010
EMC and the Printed Circuit Board: Design, Theory, and Layout Made Simple	Montrose, M.;	1999
Economic Market Design and Planning for Electric Power Systems:	Mili, L.;	2010
Effective Interpersonal and Team Communication Skills for Engineers:	Whitcomb, L.;	2013
Electric Bicycles: A Guide to Design and Use	Oman, H.;	2006
Electric Distribution Systems:	Malik, O.;	2011

Electric Power Applications of Fuzzy Systems:	El-Hawary, M.;	1998
Electric Power Planning for Regulated and Deregulated Markets:	Mazer, A.;	2007
Electric Power System Basics for the Nonelectrical Professional:	Blume, S.;	2007
Electric Power Systems: A Conceptual Introduction	Meier, A.;	2006
Electric Power Systems: Analysis and Control	Saccomanno, F.;	2003
Electrical Energy Conversion and Transport: An Interactive Computer-Based Approach	Holbert, K.;	2005
Electrical Energy Conversion and Transport: An Interactive Computer-Based Approach	Holbert, K.;	2013
Electrical Insulation for Rotating Machines: Design, Evaluation, Aging, Testing, and Repair	Dhirani, H.;	2004
Electrical Modeling and Design for 3D System Integration: 3D Integrated Circuits and Packaging, Signal Integrity, Power Integrity and EMC	Li, E.;	2012
Electrical Power Systems: Design and Analysis	El-Hawary, M.;	1995
Electrical, Electronics, and Digital Hardware Essentials for Scientists and Engineers:	Lipiansky, E.;	2013
Electricity Economics: Regulation and Deregulation	Gómez, T.;	2003
Electricity Power Generation: The Changing Dimensions	Tagare, D.;	2011
Electro Static Discharge: Understand, Simulate, and Fix ESD Problems	Mardiguian, M.;	2009
Electromagnetic Anechoic Chambers: A Fundamental Design and Specification Guide	Hemming, L.;	2002
Electromagnetic Fields:	Bladel, J.;	2007
Electromagnetic Fields in Cavities: Deterministic and Statistical Theories	Hill, D.;	2009
Electromagnetic Metamaterials: Transmission Line Theory and Microwave Applications	Itoh, T.;	2006
Electromagnetic Shielding:	Lovat, G.;	2008
Electromagnetic Simulation Using the FDTD Method:	Sullivan, D.;	2013
Electromagnetic Simulation Using the FDTD Method:	Sullivan, D.;	2000
Electromagnetics: History, Theory, and Applications	Elliott, R.;	1993
Electromechanical Motion Devices:	Pekarek, S.;	2012
Electromyography: Physiology, Engineering, and Non-Invasive Applications	Parker, P.;	2004
Electronic Health Record: Standards, Coding Systems, Frameworks, and Infrastructures	Dande, A.;	2013
Electronic and Photonic Circuits and Devices:	Lowell, J.;	1999
Electrostatic Discharge and Electronic Equipment: A Practical Guide for Designing to Prevent ESD Problems	Boxleitner, W.;	1989
Elements of Tidal-Electric Engineering:	Clark, R.;	2007
Embedded Signal Processing with the Micro Signal Architecture:	Kuo, S.;	2007
Emergent Information Technologies and Enabling Policies for Counter-Terrorism:	Yen, J.;	2006
Engineering Education: Research and Development in Curriculum and Instruction	Heywood, J.;	2005

Engineering Electromagnetic Compatibility: Principles, Measurements, Technologies, and Computer Models	Kodali, W.;	2001
Engineering Information Security: The Application of Systems Engineering Concepts to Achieve Information Assurance	Jacobs, S.;	2011
Engineering Networks for Synchronization, CCS 7, and ISDN: Standards, Protocols, Planning and Testing	Bhatnagar, P.;	1997
Engineering Quantum Mechanics:	Park, S.;	2011
Engineering Superconductivity:	Lee, P.;	2001
Engineering Tomorrow: Today's Technology Experts Envision the Next Century	Fouke, J.;	2000
Engineering Your Retirement: Retirement Planning for Technology Professionals	Golio, M.;	2006
Engineers and Electrons: A Century of Electrical Progress:	Ryder, J. D.;	1984
Epistemology of the Cell: A Systems Perspective on Biological Knowledge	Bittner, M.;	2011
Essential Communication Strategies: For Scientists, Engineers, and Technology Professionals	Hirsch, H.;	2003
Essentials of Computational Electromagnetics:	Song, W.;	2012
Ethernet in the First Mile: Access for Everyone	Frazier, H.;	2006
Ethics and Computing: Living Responsibly in a Computerized World	Bowyer, K.;	2001
Evolutionary Computation: The Fossil Record	Fogel, D.;	1998
Evolutionary Computation: Toward a New Philosophy of Machine Intelligence	Fogel, D.;	2006
Evolving Intelligent Systems: Methodology and Applications	Kasabov, N.;	2010
Extruded Cables for High-Voltage Direct-Current Transmission: Advances in Research and Development	Marzinotto, M.;	2013
FTTX Concepts and Applications:	Keiser, G.;	2006
Fast-Tracking Your Career: Soft Skills for Engineering and IT Professionals	Chou, W.;	2013
Fatal Exit: The Automotive Black Box Debate	Kowalick, T.;	2004
Fault Detectability in DWDM: Toward Higher Signal Quality and System Reliability	Kartalopoulos, S.;	2001
Feedback Control of Computing Systems:	Diao, Y.;	2004
Ferromagnetism:	Bozorth, R.;	1978
Fiber Optic Essentials:	Ghatak, A.;	2007
Field Computation by Moment Methods:	Harrington, R.;	1993
Field Theory of Guided Waves:	Collin, R.;	1991
Finite Antenna Arrays and FSS:	Munk, B.;	2003
Finite Element Analysis of Antennas and Arrays:	Riley, D.;	2009

Finite Element Method Electromagnetics: Antennas, Microwave Circuits, and Scattering Applications	Kempel, L.;	1998
Formal Methods for Industrial Critical Systems: A Survey of Applications	Margaria, T.;	2012
Foundations for Microwave Engineering:	Collin, R.;	2001
Fourier Analysis on Finite Groups with Applications in Signal Processing and System Design:	Astola, J.;	2005
Free Space Optical Networks for Ultra-Broad Band Services:	Kartalopoulos, S.;	2011
Frequency Acquisition Techniques for Phase Locked Loops:	Talbot, D.;	2012
Frequency Stability: Introduction and Applications	Kroupa, V.;	2012
Frequency-Domain Analysis and Design of Distributed Control Systems:	Tian, Y.;	2012
Frontiers in Electromagnetics:	Werner, D.;	2000
Fundamentals of Convolutional Coding:	Zigangirov, K.;	1999
Fundamentals of Digital Television Transmission:	Collins, G.;	2001
Fundamentals of Electronic Image Processing:	Weeks, A.;	1996
Fundamentals of Semiconductor Manufacturing and Process Control:	Spanos, C.;	2006
Fundamentals of Sensor Network Programming: Applications and Technology	Okoye, C.;	2011
Fundamentals of Telecommunications:	Freeman, R.;	2005
Fundamentals of the Physical Theory of Diffraction:	Ufimtsev, P.;	2007
Future Trends in Microelectronics: Frontiers and Innovations	Zaslavsky, A.;	2013
Future Trends in Microelectronics: From Nanophotonics to Sensors to Energy	Zaslavsky, A.;	2010
Future Trends in Microelectronics: Up the Nano Creek	Zaslavsky, A.;	2007
Fuzzy Control and Identification:	Lilly, J.;	2010
Fuzzy Control and Modeling: Analytical Foundations and Applications	Ying, H.;	2000
Fuzzy Systems Engineering: Toward Human-Centric Computing	Gomide, F.;	2007
Game Invaders: The Theory and Understanding of Computer Games	Massey, P.;	2012
Gas Insulated Transmission Lines (GIL):	Koch, H.;	2012
Gender Codes: Why Women Are Leaving Computing	Misa, T.;	2010
General Vector and Dyadic Analysis: Applied Mathematics in Field Theory	Tai, C.;	1997
Generalizations of Cyclostationary Signal Processing: Spectral Analysis and Applications	Napolitano, A.;	2012
Genetic Algorithms in Electromagnetics:	Werner, D.;	2007
Genomics and Proteomics Engineering in Medicine and Biology:	Akay, M.;	2007
Global Networks: Engineering, Operations and Design	Cambron, G.;	2013
Global Software and IT: A Guide to Distributed Development, Projects, and Outsourcing	Ebert, C.;	2012
Grid Converters for Photovoltaic and Wind Power Systems:	Rodr?guez, P.;	2011

Ground-Based Wireless Positioning:	Guo, Y.;	2009
Grounding and Shielding: Circuits and Interference	Morrison, R.;	2007
Grounds for Grounding: A Circuit to System Handbook	Lock, K.;	2010
Handbook for Preparing Engineering Documents: From Concept to Completion	Nagle, J.;	1996
Handbook of Applied Algorithms: Solving Scientific, Engineering, and Practical Problems	Stojmenovic, I.;	2008
Handbook of Electrical Power System Dynamics: Modeling, Stability, and Control	Shahidehpour, M.;	2013
Handbook of Electrical and Electronic Insulating Materials:	Shugg, W.;	1995
Handbook of Large Turbo-Generator Operation and Maintenance:	Kerszenbaum, I.;	2008
Handbook of Learning and Approximate Dynamic Programming:	Powell, W.;	2004
Handbook of Neural Engineering:	Akay, M.;	2007
Handbook of Position Location: Theory, Practice and Advances	Buehrer, R.;	2012
Handbook of Real-Time Fast Fourier Transforms: Algorithms to Product Testing	Smith, W.;	1995
Handbook of Smart Antennas for RFID Systems:	Karmakar, N.;	2010
Handbook on Array Processing and Sensor Networks:	Liu, K.;	2009
Handbook to IEEE Standard 45: A Guide to Electrical Installations on Shipboard	Islam, M.;	2004
Hargrave's Communications Dictionary:	Hargrave, F.;	2001
Harnessing Green IT: Principles and Practices	Gangadharan, G.;	2012
High Frequency Techniques: An Introduction to RF and Microwave Engineering	White, J.;	2004
High Performance Mass Storage and Parallel I/O: Technologies and Applications	Jin, H.;	2002
High Performance Switches and Routers:	Liu, B.;	2007
High Voltage Protection for Telecommunications:	Blume, S.;	2011
High Voltage and Electrical Insulation Engineering:	Mosch, W.;	2011
High-Performance System Design: Circuits and Logic	Oklobdzija, V.;	1999
High-Power Converters and AC Drives:	Wu, B.;	2006
High-Power Microwave Sources and Technologies:	Schamiloglu, E.;	2001
High-Speed VLSI Interconnections:	Goel, A.;	2008
High-Temperature Electronics:	Kirschman, R.;	1999
History of Wireless:	Sengupta, D.;	2006
Homeplug AV and IEEE 1901: A Handbook for PLC Designers and Users	Katar, S.;	2013
How Societies Embrace Information Technology: Lessons for Management and the Rest of Us	Cortada, J.;	2009
Hybrid Control and Motion Planning of Dynamical Legged Locomotion:	Gruver, W.;	2012
IEEE 802.11 Handbook: A Designer's Companion	Petrick, A.;	2005

IEEE Computer Society Real-World Software Engineering Problems: A Self-Study Guide for Today's Software Professional	Seidman, S.;	2007
IP Address Management Principles and Practice:	Rooney, T.;	2011
IP Multicast with Applications to IPTV and Mobile DVB-H:	Minoli, D.;	2008
IPv6 Deployment and Management:	Rooney, T.;	2013
Identification of Nonlinear Physiological Systems:	Kearney, R.;	2003
Illumination Engineering: Design with Nonimaging Optics	Koshel, R.;	2013
Image Processing and Pattern Recognition: Fundamentals and Techniques	Shih, F.;	2010
Imbalanced Learning: Foundations, Algorithms, and Applications	Ma, Y.;	2013
Implosion: Lessons from National Security, High Reliability Spacecraft, Electronics, and the Forces Which Changed Them	Temple, L.;	2013
Inductance: Loop and Partial	Paul, C.;	2010
Information Highways and Byways: From the Telegraph to the 21st Century	Lebow, I.;	1995
Information Overload: An International Challenge for Professional Engineers and Technical Communicators	Fazal, Z.;	2012
Information Security: A Strategic Approach	LeVeque, V.;	2006
Information Technologies in Medicine, Medical Simulation and Education:	Marsh, A.;	2001
Information Technologies in Medicine, Rehabilitation and Treatment:	Marsh, A.;	2001
Information Theory: 50 Years of Discovery	McLaughlin, S.;	2000
Inspection of Large Synchronous Machines: Checklists, Failure Identification, and Troubleshooting	Kerszenbaum, I.;	1996
Instantaneous Power Theory and Applications to Power Conditioning:	Aredes, M.;	2007
Insulated Gate Bipolar Transistor IGBT Theory and Design:	Khanna, V.;	2003
Insulators for Icing and Polluted Environments:	Chisholm, W.;	2009
Integrated Circuit Manufacturability: The Art of Process and Design Integration	Pradhan, D.;	1999
Integrated Circuits for Wireless Communications:	Meyer, R.;	1999
Integrated Passive Component Technology:	Schaper, L.;	2003
Integrated Telecommunications Management Solutions:	Chen, G.;	2000
Integration of Alternative Sources of Energy:	Simões, M.;	2006
Integration of Distributed Generation in the Power System:	Hassan, F.;	2011
Intellectual Property Law for Engineers and Scientists:	Rockman, H.;	2004
Intelligent Image Processing:	Mann, S.;	2002
Intelligent Signal Processing:	Kosko, B.;	2001
Introduction to Biomedical Imaging:	Webb, A.;	2003

Introduction to DWDM Technology: Data in a Rainbow	Kartalopoulos, S.;	2000
Introduction to Electrical Power Systems:	El-Hawary, M.;	2008
Introduction to Evolvable Hardware: A Practical Guide for Designing Self-Adaptive Systems	Tyrrell, A.;	2007
Introduction to FACTS Controllers: Theory, Modeling, and Applications	Sen, M.;	2009
Introduction to IP Address Management:	Rooney, T.;	2010
Introduction to Laser Technology:	Hecht, J.;	2001
Introduction to Laser Technology:	Ewing, J.;	2012
Introduction to Magnetic Materials:	Graham, C.;	2009
Introduction to Microwave Circuits: Radio Frequency and Design Applications	Weber, R.;	2001
Introduction to Modeling and Simulation of Technical and Physical Systems with Modelica:	Fritzson, P.;	2011
Introduction to Neural Engineering for Motor Rehabilitation:	Jensen, W.;	2013
Introduction to Optics and Optical Imaging:	Scott, C.;	1998
Introduction to WLLs: Application and Deployment for Fixed and Broadband Services	Pandya, R.;	2004
Introduction to Wireless Localization: With iPhone SDK Examples	Baciu, G.;	2012
It Sounded Good When We Started: A Project Manager's Guide to Working with People on Projects	O'Bryan, R.;	2004
Jumpstart CMM[?]/CMMI[?]?Software Process Improvements: Using?IEEE Software Engineering Standards	Land, S.;	2006
Kalman Filtering: Theory and Practice Using MATLAB	Andrews, A.;	2008
Knowledge Structures for Communications in Human-Computer Systems: General Automata-Based	Koenig, E.;	2007
Lab on the Web: Running Real Electronics Experiments via the Internet	Shur, M.;	2003
Large Scale Network-Centric Distributed Systems:	Zomaya, A.;	2014
Laser Diodes and Their Applications to Communications and Information Processing:	Numai, T.;	2011
Lead-Free Electronics: iNEMI Projects Lead to Successful Manufacturing	Gedney, R.;	2007
Lead-Free Solder Process Development:	Handwerker, C.;	2011
Learning from Data: Concepts, Theory, and Methods	Mulier, F.;	2007
Linear Time-Invariant Systems:	Schetzen, M.;	2003
Low-Power CMOS Design:	Brodersen, R.;	1998
Low-Rate Wireless Personal Area Networks: Enabling Wireless Sensors with IEEE 802.15.4	Barrett, R.;	2007
Low-Voltage/Low-Power Integrated Circuits and Systems: Low-Voltage Mixed-Signal Circuits	Andreou, A.;	1999

Lucky Strikes...Again: (Feats and Foibles of Engineers)	Lucky, R.;	1993
MIMO Radar Signal Processing:	Stoica, P.;	2009
MIMO-OFDM Wireless Communications with MATLAB®:	Kang, C.;	2010
MIMO-OFDM for LTE, WiFi and WiMAX: Coherent versus Non-coherent and Cooperative Turbo Transceivers	Jiang, M.;	2011
Machine Learning in Image Steganalysis:	Schaathun, H.;	2012
Magnetic Actuators and Sensors:	Brauer, J.;	2006
Magnetic Disk Drive Technology: Heads, Media, Channel, Interfaces, and Integration	Ashar, K.;	1997
Magnetic Hysteresis:	Della Torre, E.;	1999
Magnetic Recording: The First 100 Years	Clark, M.;	1999
Magneto-Optical Recording Materials:	Suzuki, T.;	2000
Maintaining Mission Critical Systems in a 24/7 Environment:	Curtis, P.;	2011
Maintaining Mission Critical Systems in a 24/7 Environment:	Curtis, P.;	2007
Managing IP Networks: Challenges and Opportunities	Valcarenghi, L.;	2003
Managing Power Electronics: VLSI and DSP-Driven Computer Systems	Rossetti, N.;	2006
Managing Projects in Telecommunication Services:	Sherif, M.;	2006
Managing and Leading Software Projects:	Fairley, R.;	2009
Market Operations in Electric Power Systems: Forecasting, Scheduling, and Risk Management	Li, Z.;	2002
Mastering System Identification in 100 Exercises:	Pintelon, R.;	2012
Math Refresher for Scientists and Engineers:	Fanchi, J.;	2006
Mathematical Foundations for Electromagnetic Theory:	Dudley, D.;	1994
Maxwell's Equations:	Huray, P.;	2010
Medical Image Analysis:	Dhawan, A.;	2011
Meme Media and Meme Market Architectures: Knowledge Media for Editing, Distributing, and Managing Intellectual Resources	Tanaka, Y.;	2003
Metamaterials: Physics and Engineering Explorations	Ziolkowski, R.;	2006
Methods for Electromagnetic Field Analysis:	Lindell, I.;	1992
Methods in Electromagnetic Wave Propagation:	Jones, D.;	1994
Micro and Nanotechnologies in Engineering Stem Cells and Tissues:	Khademhosseini, A.;	2013
Microgrids: Architectures and Control	Hatziargyriou, N.;	2014
Micromechanics and MEMS: Classic and Seminal Papers to 1990	Trimmer, W.;	1997
Microstrip Antennas: The Analysis and Design of Microstrip Antennas and Arrays	Schaubert, D.;	1995
Microwave Mobile Communications:	Jakes, W.;	1974

Microwave Photonics: Devices and Applications	Iezekiel, S.;	2004
Millimeter Wave Communication Systems:	Wang, Z.;	2011
Mixed-Signal Systems: A Guide to CMOS Circuit Design	Handkiewicz, A.;	2002
Mobile 3D Graphics SoC: From Algorithm to Chip	Nam, B.;	2010
Mobile Ad Hoc Networking: The Cutting Edge Directions	Stojmenovic, I.;	2013
Mobile Ad Hoc Networking:	Stojmenovic, I.;	2004
Mobile Communication Systems and Security:	Rhee, M.;	2009
Mobile Intelligence:	Yang, L.;	2010
Mobile Radio Communications:	Hanzo, L.;	1999
Mobile Robots: Navigation, Control and Remote Sensing	Cook, G.;	2011
Mobile WiMAX:	de Marca, J.;	2008
Mobile, Wireless, and Sensor Networks: Technology, Applications, and Future Directions	Ooi, W.;	2005
Model-Based Signal Processing:	Candy, J.;	2006
Modeling and Asynchronous Distributed Simulation: Analyzing Complex Systems	Lee, T.;	2000
Modeling and Control of Fuel Cells: Distributed Generation Applications	Wang, C.;	2009
Modeling and Design Techniques for RF Power Amplifiers:	Laskar, J.;	2008
Modeling for Reliability Analysis: Markov Modeling for Reliability, Maintainability, Safety, and Supportability Analyses of Complex Systems	Pukite, P.;	1998
Modern Antenna Design:	Milligan, T.;	2005
Modern Heuristic Optimization Techniques: Theory and Applications to Power Systems	El-Sharkawi, M.;	2008
Modern Industrial Automation Software Design:	Tan, K.;	2006
Modern Lens Antennas for Communications Engineering:	Huang, K.;	2012
Modern Machine Learning Techniques and Their Applications in Cartoon Animation Research:	Tao, D.;	2013
Modern Microwave and Millimeter-Wave Power Electronics:	Nusinovich, G.;	2005
Modern Radio Science 1999:	Stuchly, M.;	1999
Monolithic Phase-Locked Loops and Clock Recovery Circuits: Theory and Design	Razavi, B.;	1996
Mosfet Models for Spice Simulation, Including BSIM3v3 and BSIM4:	Liu, W.;	2001
Motion Control Systems:	Ohnishi, K.;	2011
Multi-Mode / Multi-Band RF Transceivers for Wireless Communications: Advanced Techniques, Architectures, and Trends	Staszewski, R.;	2011
Multigrid Finite Element Methods for Electromagnetic Field Modeling:	Cangellaris, A.;	2006
Multimedia Information Extraction: Advances in Video, Audio, and Imagery Analysis for Search, Data Mining, Surveillance and Authoring	Maybury, M.;	2011

Multimedia Technology for Applications:	Tsai, R.;	1998
Music Navigation with Symbols and Layers: Toward Content Browsing with IEEE 1599 XML Encoding	Haus, G.;	2013
NESC Handbook: A Discussion of the National Electrical Safety Code	Clapp, A.;	2006
NESC Handbook: A Discussion of the National Electrical Safety Code	Clapp, A.;	2011
Nanometer Frequency Synthesis Beyond the Phase-Locked Loop:	Xiu, L.;	2012
Near-Capacity Multi-Functional MIMO Systems: Sphere-Packing, Iterative Detection and Cooperation	Wu, N.;	2009
Near-Capacity Variable-Length Coding: Regular and EXIT-Chart-Aided Irregular Designs	Yang, L.;	2011
Negative-Refraction Metamaterials: Fundamental Principles and Applications	Balmain, K.;	2005
Negotiating Cultural Encounters: Narrating Intercultural Engineering and Technical Communication	Savage, G.;	2013
Network Security: Current Status and Future Directions	Serpanos, D.;	2007
Neural Networks and Artificial Intelligence for Biomedical Engineering:	Cohen, M.;	2000
Neural-Based Orthogonal Data Fitting: The EXIN Neural Networks	Cirrincione, M.;	2010
Next Generation SONET/SDH: Voice and Data	Kartalopoulos, S.;	2004
Next Generation Telecommunications Networks, Services, and Management:	Sahin, V.;	2010
Next Generation of Data-Mining Applications:	Zurada, J.;	2005
Non-Gaussian Statistical Communication Theory:	Middleton, D.;	2012
Nonlinear Biomedical Signal Processing, Dynamic Analysis and Modeling:	Akay, M.;	2000
Nonlinear Biomedical Signal Processing, Fuzzy Logic, Neural Networks, and New Algorithms:	Akay, M.;	2000
Nonlinear Distortion in Wireless Systems: Modeling and Simulation with MATLAB	Gharaibeh, K.;	2012
Nonlinear Dynamic Modeling of Physiological Systems:	Marmarelis, V.;	2004
Nonlinear Phenomena in Power Electronics: Bifurcations, Chaos, Control, and Applications	Verghese, G.;	2001
Nonvolatile Memory Technologies with Emphasis on Flash: A Comprehensive Guide to Understanding and Using Flash Memory Devices	Gill, M.;	2008
Nonvolatile Semiconductor Memory Technology: A Comprehensive Guide to Understanding and Using NVSM Devices	Brewer, J.;	1998
Numerical Analysis with Applications in Mechanics and Engineering:	Pandrea, N.;	2013
OFDM and MC-CDMA: A Primer	Keller, T.;	2006
OFDM and MC-CDMA for Broadband Multi-User Communications, WLANs and Broadcasting:	Keller, T.;	2003

Object-Oriented Simulation: Reusability, Adaptability, Maintainability	Leonard, J.;	1997
Ones and Zeros: Understanding Boolean Algebra, Digital Circuits, and the Logic of Sets	Gregg, J.;	1998
Open Process Frameworks: Patterns for the Adaptive e-Enterprise	Marca, D.;	2005
Operation and Control of Electric Energy Processing Systems:	Mili, L.;	2010
Operation and Maintenance of Large Turbo-Generators:	Kerszenbaum, I.;	2004
Optical Bit Error Rate: An Estimation Methodology	Kartalopoulos, S.;	2004
Optical CDMA Networks: Principles, Analysis and Applications	Karbassian, M.;	2011
Optical WDM Networks: Concepts and Design Principles	Mouftah, H.;	2004
Optimization Principles: Practical Applications to the Operation and Markets of the Electric Power Industry	Rau, N.;	2003
Optimization of Power System Operation:	Zhu, J.;	2009
Oversampling Delta-Sigma Data Converters: Theory, Design, and Simulation	Temes, G.;	1992
Parallel Solution of Integral Equation-Based EM Problems in the Frequency Domain:	Sarkar, T.;	2009
Perceptual Computing: Aiding People in Making Subjective Judgments	Wu, D.;	2010
Performance Evaluation and High Speed Switching Fabrics and Networks: ATM, Broadband ISDN, and MAN Technology	Robertazzi, T.;	1993
Performance-Based Earned Value:	Young, R.;	2006
Periodic Structures: Mode-Matching Approach and Applications in Electromagnetic Engineering	Hwang, R.;	2013
Perspectives in Control Engineering Technologies, Applications, and New Directions:	Samad, T.;	2001
Phase-Lock Basics:	Egan, W.;	2008
Phase-Locking in High-Performance Systems: From Devices to Architectures	Razavi, B.;	2003
Physiological Control Systems: Analysis, Simulation, and Estimation	Khoo, M.;	2000
Plane-Wave Theory of Time-Domain Fields: Near-Field Scanning Applications	Yaghjian, A.;	1999
Planning Telecommunication Networks:	Robertazzi, T.;	1999
Polarimetric Scattering and SAR Information Retrieval:	Xu, F.;	2013
Policy-Driven Mobile Ad hoc Network Management:	Kant, L.;	2008
Power Conversion and Control of Wind Energy Systems:	Kouro, S.;	2011
Power Definitions and the Physical Mechanism of Power Flow:	Emanuel, A.;	2010
Power Distribution System Reliability: Practical Methods and Applications	Koval, D.;	2009
Power Electronics Converter Harmonics: Multipulse Methods for Clean Power	Paice, D.;	1996
Power Electronics and Variable Frequency Drives: Technology and Applications	Bose, B.;	1997
Power System Control and Stability:	Fouad, A.;	2003
Power System Economics: Designing Markets for Electricity	Stoft, S.;	2002

Power System Protection:	Anderson, P.;	1999
Power System Restoration: Methodologies & Implementation Strategies	Adibi, M.;	2000
Power System Stability:	Kimbark, E.;	1995
Power and Communication Cables: Theory and Applications	Srivastava, K.;	2000
Practical Database Programming With Visual C#.NET:	Bai, Y.;	2010
Practical Database Programming with Java:	Bai, Y.;	2011
Practical Database Programming with Visual Basic.NET:	Bai, Y.;	2012
Practical Design of Power Supplies:	Lenk, R.;	2005
Practical Image and Video Processing Using MATLAB:	Marques, O.;	2011
Practical Lighting Design with LEDs:	Lenk, C.;	2011
Practical RF System Design:	Egan, W.;	2003
Practical Support for CMMI-SW Software Project Documentation Using IEEE Software Engineering Standards:	Walz, J.;	2006
Practical Support for ISO 9001 Software Project Documentation: Using IEEE Software Engineering Standards	Walz, J.;	2007
Practical Support for Lean Six Sigma Software Process Definition: Using IEEE Software Engineering Standards	Walz, J.;	2008
Practical System Reliability:	Kimber, D.;	2009
Precoding and Signal Shaping for Digital Transmission:	Fischer, R.;	2002
Predictive Control of Power Converters and Electrical Drives:	Cortes, P.;	2012
Principles of Data Conversion System Design:	Razavi, B.;	1995
Principles of Electric Machines with Power Electronic Applications:	El-Hawary, M.;	2002
Principles of Magnetic Resonance Imaging: A Signal Processing Perspective	Lauterbur, P.;	2000
Principles of Microelectromechanical Systems:	Lee, K.;	2011
Principles of Object-Oriented Modeling and Simulation with Modelica 2.1:	Fritzson, P.;	2004
Principles of Random Signal Analysis and Low Noise Design: The Power Spectral Density and its Applications	Howard, R.;	2002
Printed Circuit Board Design Techniques for EMC Compliance: A Handbook for Designers	Montrose, M.;	2000
Probabilistic Transmission System Planning:	Li, W.;	2011
Probablistic Risk Assessment and Management for Engineers and Scientists:	Henley, E.;	1996
Process Identification and PID Control:	Lee, I.;	2009
Programming with Objects: A Comparative Presentation of Object-Oriented Programming With C++ and Java	Kak, A.;	2003
Public Key Cryptography: Applications and Attacks	Batten, L.;	2013

Pulse Width Modulation for Power Converters: Principles and Practice	Lipo, T.;	2003
Pulsewidth Modulated DC-to-DC Power Conversion: Circuits, Dynamics, and Control Designs	Choi, B.;	2013
Putt's Law and the Successful Technocrat: How to Win in the Information Age	Putt, A.;	2006
Quadrature Amplitude Modulation: From Basics to Adaptive Trellis-Coded, Turbo-Equalised and Space-Time Coded OFDM, CDMA and MC-CDMA Systems	Webb, W.;	2004
Quantum Mechanics for Electrical Engineers:	Sullivan, D.;	2012
Quasioptical Systems: Gaussian Beam Quasioptical Propogation and Applications	Goldsmith, P.;	1998
RF Measurements for Cellular Phones and Wireless Data Systems:	Frobenius, R.;	2008
RF Technologies for Low-Power Wireless Communications:	Harvey, J.;	2001
RF/Microwave Interaction with Biological Tissues:	Kotsuka, Y.;	2006
RTL Hardware Design Using VHDL: Coding for Efficiency, Portability, and Scalability	Chu, P.;	2006
Radar Signals:	Mozeson, E.;	2004
Radiation and Scattering of Waves:	Marcuvitz, N.;	1994
Radio Frequency Circuit Design:	Davis, W.;	2010
Radio Frequency Principles and Applications: The Generation, Propagation, and Reception of Signals and Noise	Smith, A.;	1998
Radio System Design for Telecommunication:	Freeman, R.;	2007
Random Processes: Filtering, Estimation, and Detection	Ludeman, L.;	2003
Rating of Electric Power Cables in Unfavorable Thermal Environment:	Anders, G.;	2005
Real-Time Stability Assessment in Modern Power System Control Centers:	Savulescu, S.;	2009
Real-Time Systems Design and Analysis:	Laplante, P.;	2004
Real-Time Systems Design and Analysis: Tools for the Practitioner	Ovaska, S.;	2012
Real-World Engineering: A Guide to Achieving Career Success	Kamm, L.;	1991
Reed-Solomon Codes and Their Applications:	Bhargava, V.;	1994
Reflectarray Antennas:	Encinar, J.;	2008
Reinforcement Learning and Approximate Dynamic Programming for Feedback Control:	Liu, D.;	2013
Reinforcement and Systemic Machine Learning for Decision Making:	Kulkarni, P.;	2012
Reliability Wearout Mechanisms in Advanced CMOS Technologies:	Rauch, S.;	2009
Reliability and Availability of Cloud Computing:	Adams, R.;	2012
Remote Sensing and Actuation Using Unmanned Vehicles:	Chen, Y.;	2012
Remote Sensing with Polarimetric Radar:	Mott, H.;	2007
Renewable Energy and Climate Change:	Quaschning , V.;	2010
Renewable and Efficient Electric Power Systems:	Masters, G.;	2004

Resource Allocation in Uplink OFDMA Wireless Systems: Optimal Solutions and Practical Implementations	Dawy, Z.;	2012
Restructured Electric Power Systems: Analysis of Electricity Markets with Equilibrium Models	Zhang, X.;	2010
Review of Radio Science 1996-1999:	Stone, W.;	1999
Risk Assessment Of Power Systems: Models, Methods, and Applications	Li, W.;	2005
Risk Communication: A Handbook for Communicating Environmental, Safety, and Health Risks	McMakin, A.;	2009
Risk Communication: A Handbook for Communicating Environmental, Safety, and Health Risks	McMakin, A.;	2013
Robotic Micro-Assembly:	R?gnier, S.;	2010
Robust Vision for Vision-Based Control of Motion:	Hager, G.;	2000
Routing in the Third Dimension: From VLSI Chips to MCMs	Panyam, A.;	1995
SOI Lubistors: Lateral, Unidirectional, Bipolar-type Insulated-gate Transistors	Omura, Y.;	2013
Satellite Communications Payload and System:	Braun, T.;	2012
Security Management of Next Generation Telecommunications Networks and Services:	Jacobs, S.;	2014
Security for Telecommunications Network Management:	Rozenblit, M.;	2000
Selective Visual Attention: Computational Models and Applications	Lin, W.;	2013
Semantic Computing:	Zadeh, L.;	2010
Semantic Web and Model-Driven Engineering:	Parreiras, F.;	2012
Semiconductor Material and Device Characterization:	Schroder, D.;	2006
Semiconductor Memories: Technology, Testing, and Reliability	Sharma, A.;	1997
Sensor Network Operations:	Griffin, C.;	2006
Service Quality of Cloud-Based Applications:	Adams, R.;	2014
Service-Learning in the Computer and Information Sciences: Practical Applications in Engineering Education	Nejmeh, B.;	2012
Signal Analysis: Time, Frequency, Scale, and Structure	Mills, D.;	2003
Signal Integrity Effects in Custom IC and ASIC Designs:	Singh, R.;	2002
Signal Processing of Power Quality Disturbances:	Gu, I.;	2006
Silicon Germanium: Technology, Modeling, and Design	Harame, D.;	2004
Single Event Effects in Aerospace:	Petersen, E.;	2011
Single and Multi-Carrier DS-CDMA: Multi-User Detection, Space-Time Spreading, Synchronisation, Networking?and Standards	Yen, K.;	2004
Singular Electromagnetic Fields and Sources:	Bladel, J.;	1991

Smart Antennas:	Bonneau, R.;	2003
Smart Grid: Fundamentals of Design and Analysis	Momoh, J.;	2012
Social, Ethical, and Policy Implications of Engineering: Selected Readings	Herkert, J.;	2000
Software Engineering: Barry W. Boehm's Lifetime Contributions to Software Development, Management, and Research	Selby, R.;	2007
Software Maintenance Management: Evaluation and Continuous Improvement	Abran, A.;	2008
Software Management:	Boehm, B.;	2007
Software Measurement and Estimation: A Practical Approach	Brennan, M.;	2006
Software Metrics and Software Metrology:	Abran, A.;	2010
Software Process Dynamics:	Madachy, R.;	2008
Software Process Improvement:	Paulk, M.;	2001
Software Quality Engineering: Testing, Quality Assurance, and Quantifiable Improvement	Tian, J.;	2005
Software Radio Technologies: Selected Readings	Zvonar, Z.;	2001
Software Requirements Engineering:	Dorfman, M.;	2000
Software Reuse: A Standards-Based Guide	McClure, C.;	2001
Software Testing: Testing Across the Entire Software Development Life Cycle	McLeod, R.;	2007
Software War Stories: Case Studies in Software Management	Reifer, D.;	2014
Software-Enabled Control: Information Technology for Dynamical Systems	Balas, G.;	2003
Solving Enterprise Applications Performance Puzzles: Queuing Models to the Rescue	Grinshpan, L.;	2012
Sourcebook of ATM and IP Internetworking:	Ahmad, K.;	2002
Space-Time Layered Information Processing for Wireless Communications:	Haykin, S.;	2009
Spatial Error Analysis: A Unified Application-Oriented Treatment	Hsu, D.;	1999
Speech Communications: Human and Machine	O'Shaughnessy	2000
Static and Dynamic Neural Networks: From Fundamentals to Advanced Theory	Homma, N.;	2003
Still Image and Video Compression with MATLAB:	Thyagarajan, K.;	2011
Streamlining Digital Signal Processing: A Tricks of the Trade Guidebook	Lyons, R.;	2007
Streamlining Digital Signal Processing: A Tricks of the Trade Guidebook	Lyons, R.;	2012
Stuff You Don't Learn in Engineering School: Skills for Success in the Real World	Selinger, C.;	2004
Subsynchronous Resonance in Power Systems:	Ness, J.;	1990
Surfaces and Interfaces of Electronic Materials:	Brillson, L.;	2010
Symbolic Analysis Techniques: Applications to Analog Design Automation	Gielen, G.;	1998
System Identification: A Frequency Domain Approach	Schoukens, J.;	2012
System Identification: A Frequency Domain Approach	Schoukens, J.;	2001

System Theory and Practical Applications of Biomedical Signals:	Baura, G.;	2002
Systems and Software Engineering with Applications:	Schneidewind, N.;	2009
TCP/IP Architecture, Design and Implementation in Linux:	Venkatesulu, M.;	2008
Technical Writing for Teams: The STREAM Tools Handbook	Williams, S.;	2010
Tele-Visionaries: The People Behind the Invention of Television	Webb, R.;	2005
Telecommunications Network Management: Technologies and Implementations	Plevyak, T.;	1998
Telecommunications Network Management into the 21st Century: Techniques, Standards, Technologies, and Applications	Plevyak, T.;	1994
Telecommunications System Reliability Engineering, Theory, and Practice:	Ayers, M.;	2012
Testing for EMC Compliance: Approaches and Techniques	Nakauchi, E.;	2004
The Best of the Best: Fifty Years of Communications and Networking Research	Mark, J.;	2007
The Calculus Tutoring Book:	Ash, R.;	1986
The Cognitive Dynamics of Computer Science: Cost-Effective Large Scale Software Development	Tarbell, M.;	2006
The ComSoc Guide to Next Generation Optical Transport: SDH/SONET/OTN	Helvoort, H.;	2009
The ComSoc Guide to Passive Optical Networks: Enhancing the Last Mile Access	Luo, Y.;	2012
The Dark Side of Software Engineering: Evil on Computing Projects	Glass, R.;	2011
The Data Bonanza: Improving Knowledge Discovery in Science, Engineering, and Business	van Hemert, J.;	2013
The Disappearance of Telecommunications:	Weihmayer, R.;	2000
The Essence of Logic Circuits:	Unger, S.;	1997
The Foundations of Signal Integrity:	Huray, P.;	2010
The Making of a Profession: A Century of Electrical Engineering in America:	McMahon, A. M.;	1984
The Pentium Chronicles: The People, Passion, and Politics Behind Intel's Landmark Chips	Colwell, R.;	2006
The Physical Principles of Magnetism:	Morrish, A.;	2001
The Plane Wave Spectrum Representation of Electromagnetic Fields: (Reissue 1996 with Additions)	Clemmow, P.;	1997
The Probability Tutoring Book: An Intuitive Course for Engineers and Scientists (and Everyone Else!)	Ash, C.;	1993
The Project Manager's Guide to Software Engineering's Best Practices:	Thayer, R.;	2001
The Road Map to Software Engineering: A Standards-Based Guide	Moore, J.;	2006
The Short Road to Great Presentations: How to Reach Any Audience Through Focused Preparation, Inspired Delivery, and Smart Use of Technology	Reimold, P.;	2003

The Software Project Manager's Handbook: Principles That Work at Work	Phillips, D.;	2004
The Story of Electrical and Magnetic Measurements: From 500 BC to the 1940s	Keithley, J.;	1999
The Stripline Circulators: Theory and Practice	Helszajn, J.;	2008
The Theory of Scintillation with Applications in Remote Sensing:	Rino, C.;	2011
The Transmission-Line Modeling Method: TLM	Christopoulos, C.;	1995
The Unofficial IEEE Brainbuster Gamebook: Mental Workouts for the Technically Inclined	Mack, D.;	1992
The Web's Awake: An Introduction to the Field of Web Science and the Concept of Web Life	Tetlow, P.;	2007
The Woman's Guide to Navigating the Ph.D. in Engineering & Science:	Ambrose, S.;	2001
The Worldwide History of Telecommunications:	Huurdeman, A.;	2003
Theory and Computation of Electromagnetic Fields:	Jin, J.;	2010
Theory of Code Division Multiple Access Communication:	Zigangirov, K.;	2004
Third-Generation Systems and Intelligent Wireless Networking: Smart Antennas and Adaptive Modulation	Hanzo, L.;	2002
Thyristor-Based FACTS Controllers for Electrical Transmission Systems:	Varma, R.;	2002
Time Frequency and Wavelets in Biomedical Signal Processing:	Akay, M.;	1998
Time and Frequency Domain Solutions of EM Problems Using Integral Equations and a Hybrid Methodology:	De, A.;	2010
Time-Domain Methods for Microwave Structures: Analysis and Design	Houshmand, B.;	1998
Time-Harmonic Electromagnetic Fields:	Harrington, R.;	2001
Time-Varying Waveform Distortions in Power Systems:	Ribeiro, P.;	2010
Tomorrow's Professor: Preparing for Careers in Science and Engineering	Reis, R.;	1997
Too Soon To Tell: Essays for the End of The Computer Revolution	Grier, D.;	2009
Traffic System Design Handbook: Timesaving Telecommunication Traffic Tables and Programs	Boucher, J.;	1993
Transient-Induced Latchup in CMOS Integrated Circuits:	Hsu, S.;	2009
Transmission Lines and Communication Networks: An Introduction to Transmission Lines, High-frequency and High-speed Pulse Characteristics and Applications	Matick, R.;	1995
Transmission Lines in Digital Systems for EMC Practitioners:	Paul, C.;	2012
Transmission Lines in Digital and Analog Electronic Systems: Signal Integrity and Crosstalk	Paul, C.;	2010
Trellis and Turbo Coding:	Perez, L.;	2004
Trustworthy Systems Through Quantitative Software Engineering:	Yuhas, C.;	2005
Tunable Laser Diodes and Related Optical Sources:	Blumenthal, D.;	2005

Turbo Coding, Turbo Equalisation and Space-Time Coding: EXIT-Chart-Aided Near-Capacity Designs for Wireless Channels	Ng, S.;	2011
Turbo Coding, Turbo Equalisation and Space-Time Coding for Transmission over Fading Channels:	Yeap, B.;	2002
Tutorial on Hardware and Software Reliability, Maintainability and Availability:	Schneidewind, N.;	2008
UMTS Network Planning, Optimization, and Inter-Operation with GSM:	Rahnema, M.;	2008
Ultra-Capacitors in Power Conversion Systems: Analysis, Modeling and Design in Theory and Practice	Grbovic, P.;	2014
Ultra-Wideband Communications Systems: Multiband OFDM Approach	Liu, K.;	2008
Ultrasonic Inspection Technology Development and Search Unit Design: Examples of Pratical Applications	Brook, M.;	2012
Uncertainty and Information: Foundations of Generalized Information Theory	Klir, G.;	2006
Understanding Calculus:	Bear, H.;	2003
Understanding Delta-Sigma Data Converters:	Temes, G.;	2005
Understanding Electric Power Systems: An Overview of the Technology and the Marketplace	Delea, F.;	2004
Understanding Electric Power Systems: An Overview of the Technology, the Marketplace, and Government Regulation	Casazza, J.;	2010
Understanding Electro-Mechanical Engineering: An Introduction to Mechatronics	Kamm, L.;	1996
Understanding FACTS: Concepts and Technology of Flexible AC Transmission Systems	Gyugyi, L.;	2000
Understanding Geometric Algebra for Electromagnetic Theory:	Arthur, J.;	2011
Understanding Information Transmission:	Johnnesson, R.;	2005
Understanding Lasers: An Entry-Level Guide	Hecht, J.;	1994
Understanding Lasers: An Entry-Level Guide	Hecht, J.;	2008
Understanding Neural Networks and Fuzzy Logic: Basic Concepts and Applications	Kartalopoulos, S.;	1996
Understanding Power Quality Problems: Voltage Sags and Interruptions	Bollen, M.;	2000
Understanding SONET/SDH and ATM: Communications Networks for the Next Mellennium	Kartalopoulos, S.;	1999
Understanding Telecommunications and Lightwave Systems: An Entry-Level Guide	Nellist, J.;	2002
Understanding the Nervous System: An Engineering Perspective	Deutsch, A.;	1993
VLSI Circuit Design Methodology Demystified: A Conceptual Taxonomy	Xiu, L.;	2008
Video Compression and Communications: From Basics to H.261, H.263, H.264, MPEG4 for DVB and HSDPA-Style Adaptive Turbo-Transceivers	Streit, J.;	2008
Voice Compression and Communications: Principles and Applications for Fixed and Wireless Channels	Woodward, J.;	2001

Voice and Audio Compression for Wireless Communications:	Woodard, J.;	2007
Voltage References: From Diodes to Precision High-Order Bandgap Circuits	Rincon-Mora, G.;	2002
Wave Propagation and Scattering in Random Media:	Ishimaru, A.;	1997
Wavelets in Electromagnetics and Device Modeling:	Pan, G.;	2003
Waves and Fields in Inhomogenous Media:	Chew, W.;	1995
Web Application Design and Implementation: Apache 2, PHP5, MySQL, JavaScript, and Linux/UNIX	Gabarro, S.;	2007
WiMAX Technology and Network Evolution:	Lai, M.;	2010
Wiley Electrical and Electronics Engineering Dictionary:	Kaplan, S.;	2004
Wireless Broadband: Conflict and Convergence	Sharma, C.;	2008
Wireless Communication Standards: A Study of IEEE 802.11, 802.15, 802.16	Cooklev, T.;	2004
Wireless Communications:	Molisch, A.;	2011
Wireless Communications in the 21st Century:	Hattori, T.;	2002
Wireless Dictionary:	Gilb, J.;	2005
Wireless Internet and Mobile Computing: Interoperability and Performance	Lau, V.;	2007
Wireless LAN Radios: System Definition to Transistor Design	Behzad, A.;	2008
Wireless Local Area Networks Quality of Service: An Engineering Perspective	Aboul-Magd, O.;	2008
Wireless Multimedia: A Guide to the IEEE 802.15.3 Standard	Gilb, J.;	2004
Wireless Networking: Understanding Internetworking Challenges	Kasch, W.;	2013
Wireless Sensor Networks: A Networking Perspective	Jamalipour, A.;	2009
Wireless Sensor and Actuator Networks: Algorithms and Protocols for Scalable Coordination and Data Communication	Stojmenovic, I.;	2010
Wireless Video Communications: Second to Third Generation and Beyond	Streit, J.;	2001
WirelessMAN®: Inside the IEEE 802.16 Standard for Wireless Metropolitan Area Networks	van Waes, N.;	2006
Writing in the Technical Fields: A Step-by-Step Guide for Engineers, Scientists, and Technicians	Markel, M.;	1994