

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780470754290	Hanzo	3G, HSPA and FDD versus TDD Networking: Smart Antennas and Adaptive Modulation, 2nd Edition	2008	Communication, Networking & Broadcast Technologies
9780470616369	Compilation	A Century of Honors	1984	General Topics for Engineers (Math, Science & Engineering)
9780470544037	Kolen	A Field Guide to Dynamical Recurrent Networks	2001	Communication, Networking & Broadcast Technologies
9780470439128	IEEE Communications Society	A Guide to the Wireless Engineering Body of Knowledge (WEBOK)	2009	Communication, Networking & Broadcast Technologies
9780470544051	Chan	Accelerated Stress Testing Handbook: Guide for Achieving Quality Products	2001	Components, Circuits, Devices & Systems
9780471678403	Hänsler	Acoustic Echo and Noise Control: A Practical Approach	2004	Signal Processing & Analysis
9780470544068	Mortazawi	Active Antennas and Quasi-Optical Arrays	1999	Fields, Waves & Electromagnetics
9780470544075	Tsoulos	Adaptive Antennas for Wireless Communications	2001	Fields, Waves & Electromagnetics
9780471459101	Tao	Adaptive Control Design and Analysis	2003	Robotics & Control Systems
9780470374122	Sayed	Adaptive Filters	2008	Signal Processing & Analysis
9780470231616	Widrow	Adaptive Inverse Control: A Signal Processing Approach, Reissue Edition	2008	Signal Processing & Analysis
9780470847763	Hanzo	Adaptive Wireless Transceivers: Turbo-Coded, Turbo-Equalized and Space-Time Coded TDMA, CDMA, and OFDM Systems	2002	Communication, Networking & Broadcast Technologies
9780470294178	Jarry	Advanced Design Techniques and Realizations of Microwave and RF Filters	2008	Fields, Waves & Electromagnetics
9780470544082	Ulrich	Advanced Electronic Packaging, 2nd Edition	2006	Components, Circuits, Devices & Systems
9780470127896	Kilts	Advanced FPGA Design: Architecture, Implementation, and Optimization	2007	Components, Circuits, Devices & Systems
9780470544099	Garrett	Advanced Instrumentation and Computer I/O Design: Real-Time Computer Interactive Engineering	1994	Computing & Processing (Includes Hardware & Software)
9780470409794	Laskar	Advanced Integrated Communication Microsystems	2007	Signal Processing & Analysis
9780470544136	Sharma	Advanced Semiconductor Memories: Architectures, Designs, and Applications	2003	Components, Circuits, Devices & Systems
9780470423899	Hall	Advanced Signal Integrity for High-Speed Digital Designs	2009	Signal Processing & Analysis
9780470544105	Hess	Advanced Theory of Semiconductor Devices	2000	Components, Circuits, Devices & Systems
9780470473818	Honig	Advances in Multiuser Detection	2009	Fields, Waves & Electromagnetics
9780470396360	Boukerche	Algorithms and Protocols for Wireless Sensor Networks	2008	Communication, Networking & Broadcast Technologies
9780470396384	Boukerche	Algorithms and Protocols for Wireless, Mobile Ad Hoc Networks	2009	Communication, Networking & Broadcast Technologies
9780470168684	Kesidis	An Introduction to Communication Network Analysis	2007	Communication, Networking & Broadcast Technologies
9780470544112	Middleton	An Introduction to Statistical Communication Theory: An IEEE Press Classic Reissue	1996	Components, Circuits, Devices & Systems
9780470544143	Davenport	An Introduction to the Theory of Random Signals and Noise	1989	Signal Processing & Analysis
9780470544150	Gray	Analog MOS Integrated Circuits, II	1989	Components, Circuits, Devices & Systems
9780470385906	Suarez	Analysis and Design of Autonomous Microwave Circuits	2009	Components, Circuits, Devices & Systems
9780470544167	Krause	Analysis of Electric Machinery and Drive Systems, 2nd Edition	2002	Power, Energy & Industry Applications
9780470544129	Anderson	Analysis of Faulted Power Systems	2003	Power, Energy & Industry Applications
9780470547212	Paul	Analysis of Multiconductor Transmission Lines	2008	Power, Energy & Industry Applications
9780470544174	Elliott	Antenna Theory & Design, Revised Edition	2003	Fields, Waves & Electromagnetics
9780470148778	Stamp	Applied Cryptanalysis: Breaking Ciphers in the Real World	2007	Computing & Processing (Includes Hardware & Software)
9780470714379	Morvay	Applied Industrial Energy and Environmental Management	2008	Power Technology & Power Engineering
9780470544181	Hemming	Architectural Electromagnetic Shielding Handbook: A Design and Specification Guide	1992	Fields, Waves & Electromagnetics
<b>9780470561478</b>	<b>Azhari</b>	<b>Basics of Biomedical Ultrasound for Engineers</b>	<b>2010</b>	<b>Bioengineering</b>
9780470544198	Van Trees	Bayesian Bounds for Parameter Estimation and Nonlinear Filtering/Tracking	2007	Signal Processing & Analysis
9780470544204	Rangayyan	Biomedical Signal Analysis: A Case-Study Approach	2002	Bioengineering
9780470544211	Mackay	Bio-Medical Telemetry: Sensing and Transmitting Biological Information from Animals and Man, 2nd Edition	2002	Bioengineering
9780470522356	Boulgouris	Biometrics: Theory, Methods, and Applications	2010	Bioengineering
9780470544228	Baxter	Capacitive Sensors: Design and Applications	1997	Components, Circuits, Devices & Systems
<b>9780470561218</b>	<b>Najm</b>	<b>Circuit Simulation</b>	<b>2010</b>	<b>Components, Circuits, Devices &amp; Systems</b>
9780470544235	Toumazou	Circuits and Systems Tutorials	1996	Components, Circuits, Devices & Systems
9780470544242	Sloane	Claude E. Shannon: Collected Papers	1993	Communication, Networking & Broadcast Technologies
9780470382776	Xu	Clustering	2009	Intelligent Systems & Agents
9780471728528	Segura	CMOS Electronics: How It Works, How It Fails	2004	Circuit Theory & Design
9780470544266	Baker	CMOS: Circuit Design, Layout, and Simulation, Revised, 2nd Edition	2008	Components, Circuits, Devices & Systems
9780470547106	Baker	CMOS: Mixed-Signal Circuit Design, Second Edition	2009	Components, Circuits, Devices & Systems
9780470544273	Grill	Cold Plasma Materials Fabrication: From Fundamentals to Applications	1994	Components, Circuits, Devices & Systems
9780471462927	Shahidehpour	Communication and Control in Electric Power Systems: Applications of Parallel and Distributed Processing	2003	Power Technology & Power Engineering
9780471683131	Tenopir	Communication Patterns of Engineers	2004	Electrical Engineering Special Topics
9780470565292	Schwartz	Communication Systems and Techniques	1996	Communication, Networking & Broadcast Technologies
9780470547168	Lee	Communications Engineering	2007	Communication, Networking & Broadcast Technologies
9780470547205	Ng	Complete Guide to Semiconductor Devices	2002	Components, Circuits, Devices & Systems
9780470544280	Sevgi	Complex Electromagnetic Problems and Numerical Simulation Approaches	2003	Communication, Networking & Broadcast Technologies
9780470377888	Jensen	Computational Intelligence and Feature Selection: Rough and Fuzzy Approaches	2008	Computing & Processing (Includes Hardware & Software)

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780470199091	Fogel	Computational Intelligence in Bioinformatics	2008	Computing & Processing (Includes Hardware & Software)
9780470544297	Fogel	Computational Intelligence: The Experts Speak	2003	Computing & Processing (Includes Hardware & Software)
9780470544303	Peterson	Computational Methods for Electromagnetics	1998	Fields, Waves & Electromagnetics
9780470544310	Rutenbar	Computer-Aided Design of Analog Integrated Circuits and Systems	2002	Components, Circuits, Devices & Systems
9780471721277	Garg	Concurrent and Distributed Computing in Java	2004	Communication, Networking & Broadcast Technologies
9780471780120	Josefsso	Conformal Array Antenna Theory and Design	2006	Fields, Waves & Electromagnetics
9780470191538	Alesso	Connections: Patterns of Discovery	2008	Computing & Processing (Includes Hardware & Software)
9780470007785	Welker	Contamination and ESD Control in High Technology Manufacturing	2006	Fields, Waves & Electromagnetics
9780470544327	Simmons	Contemporary Cryptology: The Science of Information Integrity	1992	Communication, Networking & Broadcast Technologies
9780470544334	Basar	Control Theory: Twenty-Five Seminal Papers (1932-1981)	2001	Robotics & Control Systems
9780471224754	Simons	Coplanar Waveguide Circuits, Components, and Systems	2001	Fields, Waves & Electromagnetics
9780470051290	Thompson	Crystal Clear: The Struggle for Reliable Communications Technology in World War II	2006	Communication, Networking & Broadcast Technologies
9780471756484	Larose	Data Mining Methods and Models	2006	Computing & Processing (Includes Hardware & Software)
9780470544341	Kantardzic	Data Mining: Concepts, Models, Methods, and Algorithms	2003	Computing & Processing (Includes Hardware & Software)
9780471728993	Ponniah	Database Design and Development: An Essential Guide for IT Professionals	2003	Computing & Processing (Includes Hardware & Software)
9780470409756	Nebeker	Dawn of the Electronic Age: Electrical Technologies in the Shaping of the Modern World, 1914 to 1945	2009	General Topics for Engineers (Math, Science & Engineering)
9780470045039	Reeve	DC Power System Design for Telecommunications	2006	Power, Energy & Industry Applications
9780470544358	Norsworthy	Delta-Sigma Data Converters: Theory, Design, and Simulation	1997	Components, Circuits, Devices & Systems
9780470547243	Williams	Design and Analysis of Magnetoresistive Recording Heads	2001	Components, Circuits, Devices & Systems
9780470544365	Chandrakasan	Design of High-Performance Microprocessor Circuits	2001	Components, Circuits, Devices & Systems
9780471723004	Padmanabhan	Design Through Verilog HDL	2004	Components, Circuits, Devices & Systems
9780470823941	Qing	Differential Evolution: Fundamentals and Applications in Electrical Engineering	2009	Computing & Processing (Includes Hardware & Software)
9780471723097	Lindell	Differential Forms in Electromagnetics	2004	Fields, Waves & Electromagnetics
9780470544372	Kang	Digital Color Halftoning	2000	Computing & Processing (Includes Hardware & Software)
9780471715221	Simon	Digital Communication over Fading Channels, 2nd Edition	2005	Signal Processing & Analysis
9780470238141	Chassaing	Digital Signal Processing and Applications with the TMS320C6713 and TMS320C6416 DSK, 2nd Edition	2008	Signal Processing & Analysis
9780471723707	Oklobdzija	Digital System Clocking: High-Performance and Low-Power Aspects	2003	Components, Circuits, Devices & Systems
9780470544389	Abramovici	Digital Systems Testing and Testable Design	1990	Components, Circuits, Devices & Systems
9780471733669	Anderson	Digital Transmission Engineering, 2nd Edition	2005	Communication, Networking & Broadcast Technologies
9780470544396	Kroupa	Direct Digital Frequency Synthesizers	1999	Robotics & Control Systems
9780470544402	Deller	Discrete-Time Processing of Speech Signals	2000	Signal Processing & Analysis
9780470544426	Keeth	DRAM Circuit Design: Fundamental and High-Speed Topics, 2nd Edition	2008	Components, Circuits, Devices & Systems
9780470544433	Lapsley	DSP Processor Fundamentals: Architectures and Features	1997	Signal Processing & Analysis
9780470544440	Kartalopoulos	DWDM: Networks, Devices, and Technology	2002	Communication, Networking & Broadcast Technologies
9780470529164	Momoh	Economic Market Design and Planning for Electric Power Systems	2010	Power, Energy & Industry Applications
9780470544457	El-Hawary	Electric Power Applications of Fuzzy Systems	1998	Power, Energy & Industry Applications
9780470130575	Mazer	Electric Power Planning for Regulated and Deregulated Markets	2007	General Topics for Engineers (Math, Science & Engineering)
9780470185810	Blume	Electric Power System Basics for the Nonelectrical Professional	2008	Power, Energy & Industry Applications
9780470036426	von Meier	Electric Power Systems: A Conceptual Introduction	2006	Power, Energy & Industry Applications
9780471722908	Saccomanno	Electric Power Systems: Analysis and Control	2003	Power, Energy & Industry Applications
9780471682905	Stone	Electrical Insulation for Rotating Machines: Design, Evaluation, Aging, Testing, and Repair	2004	Power, Energy & Industry Applications
9780470544464	El-Hawary	Electrical Power Systems: Design and Analysis, Revised Printing	1995	Power, Energy & Industry Applications
9780470544495	Rothwell	Electricity Economics: Regulation and Deregulation	2003	General Topics for Engineers (Math, Science & Engineering)
9780470495070	Mardiguian	Electro Static Discharge: Understand, Simulate and Fix ESD Problems, Third Edition	2009	Fields, Waves & Electromagnetics
9780470544501	Hemming	Electromagnetic Anechoic Chambers: A Fundamental Design and Specification Guide	2002	Fields, Waves & Electromagnetics
9780470495056	Hill	Electromagnetic Fields in Cavities: Deterministic and Statistical Theories	2009	Fields, Waves & Electromagnetics
9780470124581	Van Bladel	Electromagnetic Fields, 2nd Edition	2007	Fields, Waves & Electromagnetics
9780471754329	Caloz	Electromagnetic Metamaterials: Transmission Line Theory and Microwave Applications	2006	Fields, Waves & Electromagnetics
9780470268483	Celozzi	Electromagnetic Shielding	2008	Fields, Waves & Electromagnetics
9780470544518	Sullivan	Electromagnetic Simulation Using the FDTD Method	2000	Fields, Waves & Electromagnetics
9780470544525	Elliott	Electromagnetics: History, Theory, and Applications	1993	Fields, Waves & Electromagnetics
9780471678380	Merletti	Electromyography: Physiology, Engineering, and Non-Invasive Applications	2004	Bioengineering
9780470544532	Waynant	Electronic and Photonic Circuits and Devices	1999	Photonics & Electro-Optics
9780470544549	Boxleitner	Electrostatic Discharge and Electronic Equipment: A Practical Guide for Designing to Prevent ESD Problems	2000	Fields, Waves & Electromagnetics

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780470144985	Clark	Elements of Tidal-Electric Engineering	2007	Power, Energy & Industry Applications
9780470539859	Daniels	EM Detection of Concealed Targets	2010	Fields, Waves & Electromagnetics
9780470112274	Gan	Embedded Signal Processing with the Micro Signal Architecture	2007	Signal Processing & Analysis
9780471723103	Montrose	EMC and the Printed Circuit Board: Design, Theory, and Layout Made Simple	1999	Fields, Waves & Electromagnetics
9780471786566	Popp	Emergent Information Technologies and Enabling Policies for Counter-Terrorism	2006	Computing & Processing (Includes Hardware & Software)
9780471744696	Heywood	Engineering Education: Research and Development in Curriculum and Instruction	2005	General Topics for Engineers (Math, Science & Engineering)
9780470544556	Kodali	Engineering Electromagnetic Compatibility: Principles, Measurements, Technologies, and Computer Models, 2nd Edition	2001	Fields, Waves & Electromagnetics
9780470544570	Bhatnagar	Engineering Networks for Synchronization, CCS 7, and ISDN: Standards, Protocols, Planning and Testing	1997	Communication, Networking & Broadcast Technologies
9780470547175	Lee	Engineering Superconductivity	2001	Communication, Networking & Broadcast Technologies
9780470544600	Fouke	Engineering Tomorrow: Today's Technology Experts Envision the Next Century	2000	General Topics for Engineers (Math, Science & Engineering)
9780470112472	Golio	Engineering Your Retirement: Retirement Planning for Technology Professionals	2006	General Topics for Engineers (Math, Science & Engineering)
9780470616321	Ryder/Fink	Engineers & Electrons: A Century of Electrical Progress	1984	General Topics for Engineers (Math, Science & Engineering)
9780471722946	Hirsch	Essential Communication Strategies: For Scientists, Engineers, and Technology Professionals, 2nd Edition	2003	General Topics for Engineers (Math, Science & Engineering)
9780470544594	Bowyer	Ethics and Computing	2001	General Topics for Engineers (Math, Science & Engineering)
9780471749219	Fogel	Evolutionary Computation: Toward a New Philosophy of Machine Intelligence, 3rd Edition	2006	Computing & Processing (Includes Hardware & Software)
9780470524756	Sen	FACTS Controllers: Theory, Modeling, and Applications for Electric Transmission Systems	2009	Power, Energy & Industry Applications
9780471715962	Kowalick	Fatal Exit: The Automotive Black Box Debate	2004	Components, Circuits, Devices & Systems
9780470544617	Kartalopoulos	Fault Detectability in DWDM: Toward Higher Signal Quality and System Reliability	2001	Robotics & Control Systems
9780471668800	Hellerstein	Feedback Control of Computing Systems	2004	Robotics & Control Systems
9780470544624	Bozorth	Ferromagnetism	1978	Fields, Waves & Electromagnetics
9780470152560	Thyagarajan	Fiber Optic Essentials	2007	Photonics & Electro-Optics
9780470544631	Harrington	Field Computation by Moment Methods	1993	Fields, Waves & Electromagnetics
9780470544648	Collin	Field Theory of Guided Waves, 2nd Edition	1991	Fields, Waves & Electromagnetics
9780471457534	Munk	Finite Antenna Arrays and FSS	2003	Fields, Waves & Electromagnetics
9780470409732	Jin	Finite Element Analysis of Antennas and Arrays	2009	Fields, Waves & Electromagnetics
9780470544655	Volakis	Finite Element Method Electromagnetics: Antennas, Microwave Circuits, and Scattering Applications	1998	Fields, Waves & Electromagnetics
9780470544662	Collin	Foundations for Microwave Engineering, 2nd Edition	2001	RF / Microwave Theory & Techniques
9780471745433	Stankovic	Fourier Analysis on Finite Groups with Applications in Signal Processing and System Design	2005	Signal Processing & Analysis
9780470544686	Werner	Frontiers in Electromagnetics	2000	Fields, Waves & Electromagnetics
9780471769101	Keiser	FTX Concepts and Applications	2006	Communication, Networking & Broadcast Technologies
9780470544693	Johannesson	Fundamentals of Convolutional Coding	1999	Computing & Processing (Includes Hardware & Software)
9780471213765	Collins	Fundamentals of Digital Television Transmission	2001	Communication, Networking & Broadcast Technologies
9780471790280	May	Fundamentals of Semiconductor Manufacturing and Process Control	2006	Components, Circuits, Devices & Systems
9780471720942	Freeman	Fundamentals of Telecommunications, 2nd Edition	2005	Communication, Networking & Broadcast Technologies
9780470109014	Ufimtsev	Fundamentals of the Physical Theory of Diffraction	2007	Fields, Waves & Electromagnetics
9780470168264	Luryi	Future Trends in Microelectronics: Up the Nano Creek	2007	Computing & Processing (Includes Hardware & Software)
9780470544730	Ying	Fuzzy Control and Modeling: Analytical Foundations and Applications	2000	Robotics & Control Systems
9780470544747	Berkan	Fuzzy Systems Design Principles: Building Fuzzy If-Then Rule Bases	1997	Computing & Processing (Includes Hardware & Software)
9780470168967	Pedrycz	Fuzzy Systems Engineering: Toward Human-Centric Computing	2007	Computing & Processing (Includes Hardware & Software)
9780470544754	Tai	General Vector and Dyadic Analysis: Applied Mathematics in Field Theory, 2nd Edition	1997	Fields, Waves & Electromagnetics
9780470106280	Haupt	Genetic Algorithms in Electromagnetics	2007	Fields, Waves & Electromagnetics
9780470052198	Akay	Genomics and Proteomics Engineering in Medicine and Biology	2007	Bioengineering
9780470747988	Yu	Ground-Based Wireless Positioning	2009	Communication, Networking & Broadcast Technologies
9780470101049	Morrison	Grounding and Shielding: Circuits and Interference, 5th Edition	2007	Fields, Waves & Electromagnetics
<b>9780470529324</b>	<b>Joffe</b>	<b>Grounds for Grounding : A Circuit to System Handbook</b>	<b>2010</b>	<b>Fields, Waves &amp; Electromagnetics</b>
9780470544761	Nagle	Handbook for Preparing Engineering Documents: From Concept to Completion	1996	General Topics for Engineers (Math, Science & Engineering)
9780470175668	Nayak	Handbook of Applied Algorithms: Solving Scientific, Engineering, and Practical Problems	2008	Communication, Networking & Broadcast Technologies
9780470544778	Shugg	Handbook of Electrical and Electronic Insulating Materials, 2nd Edition	1995	Engineered Materials, Dielectrics & Plasmas
9780470382769	Klempner	Handbook of Large Turbo-Generators Operation and Maintenance, 2e	2009	Power, Energy & Industry Applications
9780470544785	Si	Handbook of Learning and Approximate Dynamic Programming	2004	Computing & Processing (Includes Hardware & Software)
9780470068298	Akay	Handbook of Neural Engineering	2007	Bioengineering
9780470544792	Smith	Handbook of Real-Time Fast Fourier Transforms : Algorithms to Product Testing	1995	General Topics for Engineers (Math, Science & Engineering)
<b>9780470487068</b>	<b>Haykin</b>	<b>Handbook on Array Processing and Sensor Networks</b>	<b>2010</b>	<b>Communication, Networking &amp; Broadcast Technologies</b>

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780470544822	Hargrave	Hargrave's Communications Dictionary	2001	Communication, Networking & Broadcast Technologies
9780471474821	White	High Frequency Techniques: An Introduction to RF and Microwave Engineering	2004	Fields, Waves & Electromagnetics
9780470544839	Jin	High Performance Mass Storage and Parallel I/O: Technologies and Applications	2002	Computing & Processing (Includes Hardware & Software)
9780470113950	Chao	High Performance Switches and Routers	2007	Communication, Networking & Broadcast Technologies
9780470544846	Oklobdzija	High-Performance System Design: Circuits and Logic	1999	Components, Circuits, Devices & Systems
9780471773719	Wu	High-Power Converters and AC Drives	2006	Power, Energy & Industry Applications
9780470544877	Barker	High-Power Microwave Sources and Technologies	2001	Fields, Waves & Electromagnetics
9780470165973	Goel	High-Speed VLSI Interconnections, 2nd Edition	2008	Components, Circuits, Devices & Systems
9780470544884	Kirschman	High-Temperature Electronics	1999	Components, Circuits, Devices & Systems
9780471783022	Sarkar	History of Wireless	2006	Communication, Networking & Broadcast Technologies
9780471722960	Westwick	Identification of Nonlinear Physiological Systems	2003	Robotics & Control Systems
<b>9780470590416</b>	<b>Shih</b>	<b>Image Processing and Pattern Recognition: Fundamentals and Techniques</b>	<b>2010</b>	
<b>9780470561232</b>	<b>Paul</b>	<b>Inductance: Loop and Partial</b>	<b>2010</b>	<b>Signal Processing &amp; Analysis</b>
9780470544891	Lebow	Information Highways and Byways: From the Telegraph to the 21st Century	1995	Communication, Networking & Broadcast Technologies
9780471216698	Akay	Information Technologies in Medicine, Volume 1, Medical Simulation and Education	2001	Bioengineering
9780471206453	Akay	Information Technologies in Medicine, Volume 2, Rehabilitation and Treatment	2001	Bioengineering
9780470544907	Verdu	Information Theory: 50 Years of Discovery	2000	General Topics for Engineers (Math, Science & Engineering)
9780470544914	Kerszenbaum	Inspection of Large Synchronous Machines: Checklists, Failure Identification, and Troubleshooting	1996	Power, Energy & Industry Applications
9780470118931	Akagi	Instantaneous Power Theory and Applications to Power Conditioning	2007	Power, Energy & Industry Applications
9780471722915	Khanna	Insulated Gate Bipolar Transistor IGBT Theory and Design	2003	Components, Circuits, Devices & Systems
9780470496251	Farzaneh	Insulators for Icing and Polluted Environments	2009	Power, Energy & Industry Applications
9780470544921	Pineda de Gyvez	Integrated Circuit Manufacturability : The Art of Process and Design Integration	1999	Components, Circuits, Devices & Systems
9780470544952	Abidi	Integrated Circuits for Wireless Communications	1999	Communication, Networking & Broadcast Technologies
9780471722939	Ulrich	Integrated Passive Component Technology	2004	Components, Circuits, Devices & Systems
9780470544969	Chen	Integrated Telecommunications Management Solutions	2000	Signal Processing & Analysis
9780471755623	Farret	Integration of Alternative Sources of Energy	2006	Power, Energy & Industry Applications
9780471697404	Rockman	Intellectual Property Law for Engineers and Scientists	2004	General Topics for Engineers (Math, Science & Engineering)
9780471221630	Mann	Intelligent Image Processing	2002	Computing & Processing (Includes Hardware & Software)
9780470544976	Haykin	Intelligent Signal Processing	2001	Signal Processing & Analysis
9780470544983	Webb	Introduction to Biomedical Imaging	2003	Bioengineering
9780470544990	Kartalopoulos	Introduction to DWDM Technology: Data in a Rainbow	2000	Photonics & Electro-Optics
9780470411377	El-Hawary	Introduction to Electrical Power Systems	2008	Power, Energy & Industry Applications
9780470049716	Greenwood	Introduction to Evolvable Hardware: A Practical Guide for Designing Self-Adaptive Systems	2007	Computing & Processing (Includes Hardware & Software)
9780471723127	Hitz	Introduction to Laser Technology, 3rd Edition	2001	Photonics & Electro-Optics
9780470386323	Cullity	Introduction to Magnetic Materials, 2nd Edition	2009	Fields, Waves & Electromagnetics
9780470545003	Weber	Introduction to Microwave Circuits: Radio Frequency and Design Applications	2001	<i>Introduction to Microwave Circuits: Radio Frequency and Design Applications</i>
9780470545010	Scott	Introduction to Optics and Optical Imaging	1998	Photonics & Electro-Optics
9780471683162	Pandya	Introduction to WLLs: Application and Deployment for Fixed and Broadband Services	2004	Communication, Networking & Broadcast Technologies
9780470260876	Minoli	IP Multicast with Applications to IPTV and Mobile DVB-H	2008	Communication, Networking & Broadcast Technologies
9780470377819	Grewal	Kalman Filtering: Theory and Practice Using MATLAB, 3rd Edition	2008	Components, Circuits, Devices & Systems
9780471727705	Fjeldly	Lab on the Web: Running Real Electronics Experiments via the Internet	2003	Robotics & Control Systems
9780470171479	Bradley	Lead-Free Electronics: iNEMI Projects Lead to Successful Manufacturing	2007	Components, Circuits, Devices & Systems
9780470140529	Cherkassky	Learning from Data: Concepts, Theory, and Methods, 2nd Edition	2007	Computing & Processing (Includes Hardware & Software)
9780470545041	Schetzen	Linear Time-Invariant Systems	2003	Signal Processing & Analysis
9780470545058	Chandrakasan	Low-Power CMOS Design	1998	Components, Circuits, Devices & Systems
9780470545065	Sanchez-Sinencio	Low-Voltage/Low-Power Integrated Circuits and Systems: Low-Voltage Mixed-Signal Circuits	1999	Components, Circuits, Devices & Systems
9780470545164	Lucky	Lucky Strikes...Again	1993	General Topics for Engineers (Math, Science & Engineering)
9780471777717	Brauer	Magnetic Actuators and Sensors	2006	Fields, Waves & Electromagnetics
9780470545171	Ashar	Magnetic Disk Drive Technology : Heads, Media, Channel, Interfaces, and Integration	1997	Components, Circuits, Devices & Systems
9780470545195	Della Torre	Magnetic Hysteresis	1999	Components, Circuits, Devices & Systems
9780470545201	Daniel	Magnetic Recording: The First 100 Years	1999	Components, Circuits, Devices & Systems
9780470545218	Gambino	Magneto-Optical Recording Materials	2000	Photonics & Electro-Optics
9780470089040	Curtis	Maintaining Mission Critical Systems in a 24/7 Environment	2006	Power, Energy & Industry Applications
9780471722984	Aidarous	Managing IP Networks: Challenges and Opportunities	2003	Communication, Networking & Broadcast Technologies
9780471776338	Rossetti	Managing Power Electronics: VLSI and DSP-Driven Computer Systems	2006	Components, Circuits, Devices & Systems
9780470047682	Sherif	Managing Projects in Telecommunication Services	2006	Communication, Networking & Broadcast Technologies

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780471224129	Shahidehpour	Market Operations in Electric Power Systems: Forecasting, Scheduling, and Risk Management	2002	Power, Energy & Industry Applications
9780471791553	Fanchi	Math Refresher for Scientists and Engineers, 3rd Edition	2006	General Topics for Engineers (Math, Science & Engineering)
9780470545232	Dudley	Mathematical Foundations for Electromagnetic Theory	1994	Fields, Waves & Electromagnetics
<b>9780470549919</b>	<b>Huray</b>	<b>Maxwell's Equations</b>	<b>2010</b>	<b>General Topics for Engineers (Math, Science &amp; Engineering)</b>
9780471723073	Tanaka	Meme Media and Meme Market Architectures: Knowledge Media for Editing, Distributing, and Managing Intellectual Resources	2003	Computing & Processing (Includes Hardware & Software)
9780471784197	Engheta	Metamaterials: Physics and Engineering Explorations	2006	Fields, Waves & Electromagnetics
9780470545249	Lindell	Methods for Electromagnetic Field Analysis	2004	Fields, Waves & Electromagnetics
9780470545256	Jones	Methods in Electromagnetic Wave Propagation, 2nd Edition	1994	Fields, Waves & Electromagnetics
9780470545263	Trimmer	Micromechanics and MEMS: Classic and Seminal Papers to 1990	1997	Computing & Processing (Includes Hardware & Software)
9780470545270	Pozar	Microstrip Antennas: The Analysis and Design of Microstrip Antennas and Arrays	1995	Fields, Waves & Electromagnetics
9780470545287	Jakes	Microwave Mobile Communications	1974	Fields, Waves & Electromagnetics
9780470744857	Iezekiel	Microwave Photonics: Devices and Applications	2009	Photonics & Electro-Optics
9780470391488	Li	MIMO Radar Signal Processing	2009	Signal Processing & Analysis
9780470545294	Handkiewicz	Mixed-Signal Systems: A Guide to CMOS Circuit Design	2002	Components, Circuits, Devices & Systems
9780471656890	Basagni	Mobile Ad Hoc Networking	2004	Communication, Networking & Broadcast Technologies
9780470823392	Rhee	Mobile Communication Systems and Security	2009	Communication, Networking & Broadcast Technologies
9780470547229	Steele	Mobile Radio Communications	1999	Communication, Networking & Broadcast Technologies
9780470723937	Chen	Mobile WiMAX	2008	Communication, Networking & Broadcast Technologies
9780471755593	Shorey	Mobile, Wireless, and Sensor Networks: Technology, Applications, and Future Directions	2005	Communication, Networking & Broadcast Technologies
9780471732679	Candy	Model-Based Signal Processing	2006	Signal Processing & Analysis
9780470545300	Ghosh	Modeling and Asynchronous Distributed Simulation : Analyzing Complex Systems	2000	Computing & Processing (Includes Hardware & Software)
9780470443569	Nehrir	Modeling and Control of Fuel Cells: Distributed Generation Applications	2009	Power, Energy & Industry Applications
9780471722359	Chiasson	Modeling and High Performance Control of Electric Machines	2005	Power, Energy & Industry Applications
9780470545317	Pukite	Modeling for Reliability Analysis: Markov Modeling for Reliability, Maintainability, Safety, and Supportability Analyses of Complex Systems	1998	General Topics for Engineers (Math, Science & Engineering)
9780471457763	Milligan	Modern Antenna Design, 2nd Edition	2005	Fields, Waves & Electromagnetics
9780470225868	Lee	Modern Heuristic Optimization Techniques: Theory and Applications to Power Systems	2008	Power, Energy & Industry Applications
9780471776284	Wang	Modern Industrial Automation Software Design	2006	Robotics & Control Systems
9780470545324	Stuchly	Modern Radio Science 1999	1999	Communication, Networking & Broadcast Technologies
9780470545331	Razavi	Monolithic Phase-Locked Loops and Clock Recovery Circuits : Theory and Design	1996	Components, Circuits, Devices & Systems
9780470547182	Liu	Mosfet Models for Spice Simulation, Including BSIM3v3 and BSIM4	2001	Components, Circuits, Devices & Systems
9780471786382	Zhu	Multigrid Finite Element Methods for Electromagnetic Field Modeling	2006	Fields, Waves & Electromagnetics
9780470545348	Sheu	Multimedia Technology for Applications	1998	General Topics for Engineers (Math, Science & Engineering)
9780470744710	Hanzo	Near-Capacity Multi-Functional MIMO Systems : Sphere-Packing, Iterative Detection and Cooperation	2009	Communication, Networking & Broadcast Technologies
9780471744757	Eleftheriades	Negative-Refractive Metamaterials: Fundamental Principles and Applications	2005	Fields, Waves & Electromagnetics
9780470099742	Douligeris	Network Security: Current Status and Future Directions	2007	Communication, Networking & Broadcast Technologies
9780470545355	Hudson	Neural Networks and Artificial Intelligence for Biomedical Engineering	2000	Bioengineering
9780471648390	Kartalopoulos	Next Generation SONET/SDH: GFP, DoS, PoS, & SoDWDM	2004	Communication, Networking & Broadcast Technologies
<b>9780470594025</b>	<b>Plevyak</b>	<b>Next Generation Telecommunications Networks, Services, and Management</b>	<b>2010</b>	<b>Communication, Networking &amp; Broadcast Technologies</b>
9780470545362	Akay	Nonlinear Biomedical Signal Processing, Volume 1, Fuzzy Logic, Neural Networks, and New Algorithms	2000	Signal Processing & Analysis
9780470545379	Akay	Nonlinear Biomedical Signal Processing, Volume 2, Dynamic Analysis and Modeling	2000	Signal Processing & Analysis
9780470545393	Banerjee	Nonlinear Phenomena in Power Electronics: Bifurcations, Chaos, Control, and Applications	2001	Power, Energy & Industry Applications
9780470181355	Brewer	Nonvolatile Memory Technologies with Emphasis on Flash: A Comprehensive Guide to Understanding and Using Flash Memory Devices	2008	Components, Circuits, Devices & Systems
9780470545409	Brown	Nonvolatile Semiconductor Memory Technology: A Comprehensive Guide to Understanding and Using NVSM Devices	1998	Components, Circuits, Devices & Systems
9780470545416	Zobrist	Object-Oriented Simulation: Reusability, Adaptability, Maintainability	1997	Numerical Methods & Algorithms
9780470861813	Hanzo	OFDM and MC-CDMA for Broadband Multi-User Communications, WLANs and Broadcasting	2009	Communication, Networking & Broadcast Technologies
9780470031384	Hanzo	OFDM and MC-CDMA: A Primer	2006	Communication, Networking & Broadcast Technologies
9780470545423	Gregg	Ones and Zeros: Understanding Boolean Algebra, Digital Circuits, and the Logic of Sets	1998	Components, Circuits, Devices & Systems
<b>9780470602782</b>	<b>Momoh</b>	<b>Operation and Control of Electric Energy Processing Systems</b>	<b>2010</b>	<b>Power, Energy &amp; Industry Applications</b>
9780470545430	Kartalopoulos	Optical Bit Error Rate: An Estimation Methodology	2004	Communication, Networking & Broadcast Technologies

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780470545447	Zheng	Optical WDM Networks: Concepts and Design Principles	2004	Photonics & Electro-Optics
9780470466971	Zhu	Optimization of Power System	2009	Power, Energy & Industry Applications
9780470545454	Rau	Optimization Principles: Practical Applications to the Operation and Markets of the Electric Power Industry	2003	Power, Energy & Industry Applications
9780470545461	Candy	Oversampling Delta-Sigma Data Converters : Theory, Design, and Simulation	1992	Components, Circuits, Devices & Systems
9780470495094	Zhang	Parallel Solution of Integral Equation-Based EM Problems in the Frequency Domain	2009	Fields, Waves & Electromagnetics
<b>9780470599655</b>	<b>Mendel</b>	<b>Perceptual Computing: Aiding People in Making Subjective Judgments</b>	<b>2010</b>	
9780470545478	Robertazzi	Performance Evaluation and High Speed Switching Fabrics and Networks : ATM, Broadband ISDN, and MAN Technology	1993	Communication, Networking & Broadcast Technologies
9780470545485	Samad	Perspectives in Control Engineering Technologies, Applications, and New Directions	2001	Robotics & Control Systems
9780470178737	Egan	Phase-Lock Basics, 2nd Edition	2008	Signal Processing & Analysis
9780470545492	Razavi	Phase-Locking in High-Performance Systems: From Devices to Architectures	2003	Components, Circuits, Devices & Systems
9780470545515	Khoo	Physiological Control Systems: Analysis, Simulation, and Estimation	2000	Robotics & Control Systems
9780470545522	Hansen	Plane-Wave Theory of Time-Domain Fields : Near-Field Scanning Applications	1999	Fields, Waves & Electromagnetics
9780470545539	Robertazzi	Planning Telecommunication Networks	1999	Communication, Networking & Broadcast Technologies
9780470227718	Chadha	Policy-Driven Mobile Ad hoc Network Management	2008	Communication, Networking & Broadcast Technologies
9780470545546	Bartnikas	Power and Communication Cables: Theory and Applications	2000	Communication, Networking & Broadcast Technologies
9780470459355	Chowdhury	Power Distribution System Reliability: Practical Methods and Applications	2009	Power, Energy & Industry Applications
9780470545553	Bose	Power Electronics and Variable Frequency Drives	1997	Power, Energy & Industry Applications
9780470545560	Paice	Power Electronics Converter Harmonics : Multipulse Methods for Clean Power	1996	Fields, Waves & Electromagnetics
9780470545577	Anderson	Power System Control and Stability, 2nd Edition	2003	Power, Energy & Industry Applications
9780470545584	Stoft	Power System Economics: Designing Markets for Electricity	2002	Power, Energy & Industry Applications
9780470545591	Anderson	Power System Protection	1999	Power, Energy & Industry Applications
9780470545607	Adibi	Power System Restoration: Methodologies & Implementation Strategies	2000	Power, Energy & Industry Applications
9780470545614	Kimbark	Power System Stability, Volumes I, II, III	1995	Power, Energy & Industry Applications
9780470545621	Lenk	Practical Design of Power Supplies	2005	Communication, Networking & Broadcast Technologies
9780471654094	Egan	Practical RF System Design	2003	Fields, Waves & Electromagnetics
9780470455401	Bauer	Practical System Reliability	2009	Computing & Processing (Includes Hardware & Software)
9780471439004	Fischer	Precoding and Signal Shaping for Digital Transmission	2002	Signal Processing & Analysis
9780470545638	Razavi	Principles of Data Conversion System Design	1995	<i>Principles of Data Conversion System Design</i>
9780470545645	El-Hawary	Principles of Electric Machines with Power Electronic Applications, 2nd Edition	2002	Power, Energy & Industry Applications
9780470545652	Liang	Principles of Magnetic Resonance Imaging: A Signal Processing Perspective	2000	Bioengineering
9780470545669	Fritzson	Principles of Object-Oriented Modeling and Simulation with Modelica2.1	2004	Computing & Processing (Includes Hardware & Software)
9780471439202	Howard	Principles of Random Signal Analysis and Low Noise Design: The Power Spectral Density and its Applications	2002	Signal Processing & Analysis
9780470545676	Montrose	Printed Circuit Board Design Techniques for EMC Compliance: A Handbook for Designers, 2nd Edition	2000	Fields, Waves & Electromagnetics
9780470546277	Kumamoto	Probabilistic Risk Assessment and Management for Engineers and Scientists, 2nd Edition	1996	General Topics for Engineers (Math, Science & Engineering)
9780470824122	Sung	Process Identification and PID Control	2009	Robotics & Control Systems
9780470547144	Kak	Programming with Objects	2003	Computing & Processing (Includes Hardware & Software)
9780470546284	Holmes	Pulse Width Modulation for Power Converters: Principles and Practice	2003	Power, Energy & Industry Applications
9780470546291	Goldsmith	Quasioptical Systems: Gaussian Beam Quasioptical Propagation and Applications	1998	Photonics & Electro-Optics
9780471663089	Levanon	Radar Signals	2004	Fields, Waves & Electromagnetics
9780470546307	Felsen	Radiation and Scattering of Waves	1994	Fields, Waves & Electromagnetics
9780470546314	Smith	Radio Frequency Principles and Applications : The Generation, Propagation, and Reception of Signals and Noise	1998	Signal Processing & Analysis
9780470050446	Freeman	Radio System Design for Telecommunication, 3rd Edition	2007	Communication, Networking & Broadcast Technologies
9780470547199	Ludeman	Random Processes	2003	Signal Processing & Analysis
9780471718741	Anders	Rating of Electric Power Cables in Unfavorable Thermal Environment	2005	Power, Energy & Industry Applications
9780470423912	Savulescu	Real-Time Stability Assessment in Modern Power System Control Centers	2009	General Topics for Engineers (Math, Science & Engineering)
9780471648291	Laplante	Real-Time Systems Design and Analysis, 3rd Edition	2004	Robotics & Control Systems
9780470546338	Kamm	Real-World Engineering: A Guide to Achieving Career Success	1991	General Topics for Engineers (Math, Science & Engineering)
9780470546345	Wicker	Reed-Solomon Codes and Their Applications	1994	Communication, Networking & Broadcast Technologies
9780470178775	Huang	Reflectarray Antennas	2008	Fields, Waves & Electromagnetics
9780470455265	Strong	Reliability Wearout Mechanisms in Advanced CMOS Technologies	2009	Components, Circuits, Devices & Systems
9780470079812	Mott	Remote Sensing with Polarimetric Radar	2007	Geoscience
9780471668824	Masters	Renewable and Efficient Electric Power Systems	2004	Power, Energy & Industry Applications
<b>9780470608555</b>	<b>Zhang</b>	<b>Restructured Electric Power Systems: Analysis of Electricity Markets with Equilibrium Models</b>	<b>2010</b>	<b>Power, Energy &amp; Industry Applications</b>

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780470546352	Stone	Review of Radio Science 1996-1999	1999	Communication, Networking & Broadcast Technologies
9780470378014	Scott	RF Measurements for Cellular Phones and Wireless Data Systems	2008	Fields, Waves & Electromagnetics
9780471221647	Itoh	RF Technologies for Low-Power Wireless Communications	2001	Fields, Waves & Electromagnetics
9780471752059	Vander Vorst	RF/Microwave Interaction with Biological Tissues	2006	Fields, Waves & Electromagnetics
9780471707721	Li	Risk Assessment Of Power Systems: Models, Methods, and Applications	2005	Power, Energy & Industry Applications
9780470480120	Lundgren	Risk Communication: A Handbook for Communicating Environmental, Safety, and Health Risks, 4e	2009	General Topics for Engineers (Math, Science & Engineering)
9780470546369	Vincze	Robust Vision for Vision-Based Control of Motion	2000	Robotics & Control Systems
9780470546376	Sherwani	Routing in the Third Dimension : From VLSI Chips to MCMs	1995	General Topics for Engineers (Math, Science & Engineering)
9780471786412	Chu	RTL Hardware Design Using VHDL: Coding for Efficiency, Portability, and Scalability	2006	Components, Circuits, Devices & Systems
9780470546390	Rozenblit	Security for Telecommunications Network Management	2000	Communication, Networking & Broadcast Technologies
9780471749097	Schroder	Semiconductor Material and Device Characterization, 3rd Edition	2006	Components, Circuits, Devices & Systems
9780470546406	Sharma	Semiconductor Memories: Technology, Testing, and Reliability	1997	Components, Circuits, Devices & Systems
9780471784173	Phoha	Sensor Network Operations	2006	Communication, Networking & Broadcast Technologies
9780471660378	Allen	Signal Analysis: Time, Frequency, Scale, and Structure	2003	Signal Processing & Analysis
9780470546413	Singh	Signal Integrity Effects in Custom IC and ASIC Designs	2002	Components, Circuits, Devices & Systems
9780471931317	Bollen	Signal Processing of Power Quality Disturbances	2006	Power, Energy & Industry Applications
9780471667209	Singh	Silicon Germanium: Technology, Modeling, and Design	2004	Components, Circuits, Devices & Systems
9780470863114	Hanzo	Single and Multi-Carrier DS-CDMA: Multi-User Detection, Space-Time Spreading, Synchronisation, Networking and Standards	2003	Communication, Networking & Broadcast Technologies
9780470546420	Van Bladel	Singular Electromagnetic Fields and Sources	1991	Fields, Waves & Electromagnetics
9780471722830	Sarkar	Smart Antennas	2003	Fields, Waves & Electromagnetics
9780470546437	Herkert	Social, Ethical, and Policy Implications of Engineering: Selected Readings	2000	General Topics for Engineers (Math, Science & Engineering)
9780470192719	Madachy	Software Process Dynamics	2008	Computing & Processing (Includes Hardware & Software)
9780470546444	Mitola	Software Radio Technologies: Selected Readings	2001	Communication, Networking & Broadcast Technologies
9780471722885	Samad	Software-Enabled Control: Information Technology for Dynamical Systems	2003	Robotics & Control Systems
9780471722861	Ahmad	Sourcebook of ATM and IP Internetworking	2002	Communication, Networking & Broadcast Technologies
9780470443637	Sellathurai	Space-Time Layered Information Processing for Wireless Communications	2009	Communication, Networking & Broadcast Technologies
9780470546468	Hsu	Spatial Error Analysis: A Unified Application-Oriented Treatment	1999	Robotics & Control Systems
9780470546475	O'Shaughnessy	Speech Communications: Human and Machine, 2nd Edition	2000	Communication, Networking & Broadcast Technologies
9780471427957	Gupta	Static and Dynamic Neural Networks: From Fundamentals to Advanced Theory	2003	Computing & Processing (Includes Hardware & Software)
9780470170090	Lyons	Streamlining Digital Signal Processing: A Tricks of the Trade Guidebook	2007	Signal Processing & Analysis
9780471694465	Selinger	Stuff You Don't Learn in Engineering School: Skills for Success in the Real World	2005	General Topics for Engineers (Math, Science & Engineering)
9780470546482	Reeve	Subscriber Loop Signaling and Transmission Handbook: Analog	1992	Signal Processing & Analysis
9780470546499	Reeve	Subscriber Loop Signaling and Transmission Handbook: Digital	1995	Signal Processing & Analysis
9780470546505	Anderson	Subsynchronous Resonance in Power Systems	1990	Power, Energy & Industry Applications
9780470546512	Fernandez	Symbolic Analysis Techniques: Applications to Analog Design Automation	1998	Signal Processing & Analysis
9780471723134	Pintelon	System Identification: A Frequency Domain Approach	2001	Robotics & Control Systems
9780471683179	Baura	System Theory and Practical Applications of Biomedical Signals	2002	Signal Processing & Analysis
<b>9780470602706</b>	<b>Mamishev</b>	<b>Technical Writing for Teams: The STREAM Tools Handbook</b>	<b>2010</b>	
9780470546529	Aidarous	Telecommunications Network Management into the 21st Century : Techniques, Standards, Technologies, and Applications	1994	Communication, Networking & Broadcast Technologies
9780470546536	Aidarous	Telecommunications Network Management: Technologies and Implementations	1998	Communication, Networking & Broadcast Technologies
9780471743712	Webb	Tele-Visionaries: The People Behind the Invention of Television	2005	Communication, Networking & Broadcast Technologies
9780471644651	Montrose	Testing for EMC Compliance: Approaches and Techniques	2004	Fields, Waves & Electromagnetics
9780470546543	IEEE Communicat	The Best of the Best: Fifty Years of Communications and Networking Research	2007	Communication, Networking & Broadcast Technologies
9780470546550	Ash	The Calculus Tutoring Book	1986	General Topics for Engineers (Math, Science & Engineering)
9780470480441	van Helvoort	The ComSoc Guide to Next Generation Optical Transport: SDH/SONET/OTN	2009	Communication, Networking & Broadcast Technologies
9780470546567	Saracco	The Disappearance of Telecommunications	2000	Communication, Networking & Broadcast Technologies
9780470546574	Unger	The Essence of Logic Circuits, 2nd Edition	1997	Components, Circuits, Devices & Systems
9780470543481	Huray	The Foundations of Signal Integrity	2010	Fields, Waves & Electromagnetics
9780470616352	McMahon	The Making of a Profession: A Century of Electrical Engineering in America	1984	General Topics for Engineers (Math, Science & Engineering)
9780470546581	Morrish	The Physical Principles of Magnetism	2001	Fields, Waves & Electromagnetics

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780470546598	Clemmow	The Plane Wave Spectrum Representation of Electromagnetic Fields	1996	Fields, Waves & Electromagnetics
9780470546604	Ash	The Probability Tutoring Book: An Intuitive Course for Engineers and Scientists (and Everyone Else!), Revised Printing	1993	General Topics for Engineers (Math, Science & Engineering)
9780470546611	Reimold	The Short Road to Great Presentations: How to Reach Any Audience Through Focused Preparation, Inspired Delivery, and Smart Use of Technology	2003	General Topics for Engineers (Math, Science & Engineering)
9780470546628	Keithley	The Story of Electrical and Magnetic Measurements: From 500 BC to the 1940s	1999	Components, Circuits, Devices & Systems
9780470264201	Helszajn	The Stripline Circulators: Theory and Practice	2008	Fields, Waves & Electromagnetics
9780470546659	Christopoulos	The Transmission-Line Modeling Method: TLM	1995	Fields, Waves & Electromagnetics
9780470546666	Mack	The Unofficial IEEE Brainbuster Gamebook: Mental Workouts for the Technically Inclined	1992	General Topics for Engineers (Math, Science & Engineering)
9780470145876	Tetlow	The Web's Awake: An Introduction to the Field of Web Science and the Concept of Web Life	2007	Computing & Processing (Includes Hardware & Software)
9780470546673	Lazarus	The Woman's Guide to Navigating the Ph.D. in Engineering & Science	2001	General Topics for Engineers (Math, Science & Engineering)
9780471722243	Huurdean	The Worldwide History of Telecommunications	2003	Communication, Networking & Broadcast Technologies
9780471655497	Zigangirov	Theory of Code Division Multiple Access Communication	2004	Communication, Networking & Broadcast Technologies
9780470847817	Blogh	Third-Generation Systems and Intelligent Wireless Networking: Smart Antennas and Adaptive Modulation	2002	Communication, Networking & Broadcast Technologies
9780470546680	Mathur	Thyristor-Based FACTS Controllers for Electrical Transmission Systems	2002	Power, Energy & Industry Applications
9780470546697	Akay	Time Frequency and Wavelets in Biomedical Signal Processing	1998	Signal Processing & Analysis
9780470546703	Itoh	Time-Domain Methods for Microwave Structures: Analysis and Design	1998	Fields, Waves & Electromagnetics
9780470546710	Harrington	Time-Harmonic Electromagnetic Fields	2001	Fields, Waves & Electromagnetics
9780470746752	Ribeiro	Time-Varying Waveform Distortions in Power Systems	2009	Power, Energy & Industry Applications
9780470546727	Reis	Tomorrow's Professor: Preparing for Careers in Science and Engineering	1997	General Topics for Engineers (Math, Science & Engineering)
9780470546734	Boucher	Traffic System Design Handbook: Timesaving Telecommunication Traffic Tables and Programs	1993	Communication, Networking & Broadcast Technologies
9780470546741	Matick	Transmission Lines and Communication Networks : An Introduction to Transmission Lines, High-frequency and High-speed Pulse Characteristics and Applications	1995	Signal Processing & Analysis
9780471667841	Schlegel	Trellis and Turbo Coding	2004	Signal Processing & Analysis
9780470546758	Buus	Tunable Laser Diodes and Related Optical Sources, 2nd Edition	2005	Photonics & Electro-Optics
9780470854747	Hanzo	Turbo Coding, Turbo Equalisation and Space-Time Coding for Transmission over Fading Channels	2002	Communication, Networking & Broadcast Technologies
9780470179765	Siriwongpairat	Ultra-Wideband Communications Systems : Multiband OFDM Approach	2008	Signal Processing & Analysis
9780471755579	Klir	Uncertainty and Information: Foundations of Generalized Information Theory	2006	Computing & Processing (Includes Hardware & Software)
9780470546765	Bear	Understanding Calculus, 2nd Edition	2003	General Topics for Engineers (Math, Science & Engineering)
9780470546772	Schreier	Understanding Delta-Sigma Data Converters	2005	Components, Circuits, Devices & Systems
<b>9780470588475</b>	<b>Delea</b>	<b>Understanding Electric Power Systems: An Overview of the Technology, the Marketplace, and Government Regulation, 2nd Edition</b>	<b>2010</b>	<b>Power, Energy &amp; Industry Applications</b>
9780470546796	Kamm	Understanding Electro-Mechanical Engineering: An Introduction to Mechatronics	1996	General Topics for Engineers (Math, Science & Engineering)
9780470546802	Hingorani	Understanding FACTS: Concepts and Technology of Flexible AC Transmission Systems	2000	Power, Energy & Industry Applications
9780471711209	Anderson	Understanding Information Transmission	2005	Computing & Processing (Includes Hardware & Software)
9780470546819	Hecht	Understanding Lasers: An Entry-Level Guide, 3rd Edition	2008	Photonics & Electro-Optics
9780470546826	Kartalopoulos	Understanding Neural Networks and Fuzzy Logic: Basic Concepts and Applications	1996	Communication, Networking & Broadcast Technologies
9780470546840	Bollen	Understanding Power Quality Problems: Voltage Sags and Interruptions	2000	Power, Energy & Industry Applications
9780470546857	Kartalopoulos	Understanding SONET/SDH and ATM: Communications Networks for the Next Millennium	1999	Communication, Networking & Broadcast Technologies
9780471722854	Nellist	Understanding Telecommunications and Lightwave Systems: An Entry-Level Guide, 3rd Edition	2002	Communication, Networking & Broadcast Technologies
9780470546864	Deutsch	Understanding the Nervous System: An Engineering Perspective	1993	General Topics for Engineers (Math, Science & Engineering)
9780470519929	Hanzo	Video Compression and Communications: From Basics to H.261, H.263, H.264, MPEG4 for DVB and HSDPA-Style Adaptive Turbo-Transceivers	2007	Communication, Networking & Broadcast Technologies
9780471723752	Burdea	Virtual Reality Technology, 2nd Edition	2004	
9780470199114	Xiu	VLSI Circuit Design Methodology Demystified: A Conceptual Taxonomy	2008	Components, Circuits, Devices & Systems
9780470516034	Hanzo	Voice and Audio Compression for Wireless Communications, 2nd Edition	2007	Communication, Networking & Broadcast Technologies
9780470546871	Hanzo	Voice Compression and Communications: Principles and Applications for Fixed and Wireless Channels	2001	Communication, Networking & Broadcast Technologies
9780470547038	Rincon-Mora	Voltage References: From Diodes to Precision High-Order Bandgap Circuits	2002	Components, Circuits, Devices & Systems
<b>9780470551578</b>	<b>Yazdani</b>	<b>Voltage-Sourced Converters in Power Systems</b>	<b>2010</b>	<b>Power, Energy &amp; Industry Applications</b>

## IEEE-Wiley eBooks Library List of Titles for Institutions (as of January 2010)

O-book ISBN	Author last name	Full title	Copyright year	Subject Code
9780470547045	Ishimaru	Wave Propagation and Scattering in Random Media	1997	Fields, Waves & Electromagnetics
9780471433910	Pan	Wavelets in Electromagnetics and Device Modeling	2003	Fields, Waves & Electromagnetics
9780470547052	Chew	Waves and Fields in Inhomogenous Media	1995	Fields, Waves & Electromagnetics
9780470547151	Kaplan	Wiley Electrical and Electronics Engineering Dictionary	2004	General Topics for Engineers (Math, Science & Engineering)
9780470381601	Fotheringham	Wireless Broadband: Conflict and Convergence	2008	Communication, Networking & Broadcast Technologies
9780470547076	Shafi	Wireless Communications in the 21st Century	2002	Communication, Networking & Broadcast Technologies
9780470167960	Kwok	Wireless Internet and Mobile Computing: Interoperability and Performance	2007	Communication, Networking & Broadcast Technologies
9780470209301	Behzad	Wireless LAN Radios: System Definition to Transistor Design	2008	Communication, Networking & Broadcast Technologies
9780470396360	Zheng	Wireless Sensor Networks: A Networking Perspective	2009	Communication, Networking & Broadcast Technologies
9780470443521	Zheng	Wireless Sensor Networks: A Networking Perspective	2009	Communication, Networking & Broadcast Technologies
9780470547083	Hanzo	Wireless Video Communications: Second to Third Generation and Beyond	2001	Communication, Networking & Broadcast Technologies
9780470547090	Markel	Writing in the Technical Fields: A Step-by-Step Guide for Engineers, Scientists, and Technicians	1994	General Topics for Engineers (Math, Science & Engineering)