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Wiley Data and Cybersecurity  
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Wiley Semiconductors eBooks Library

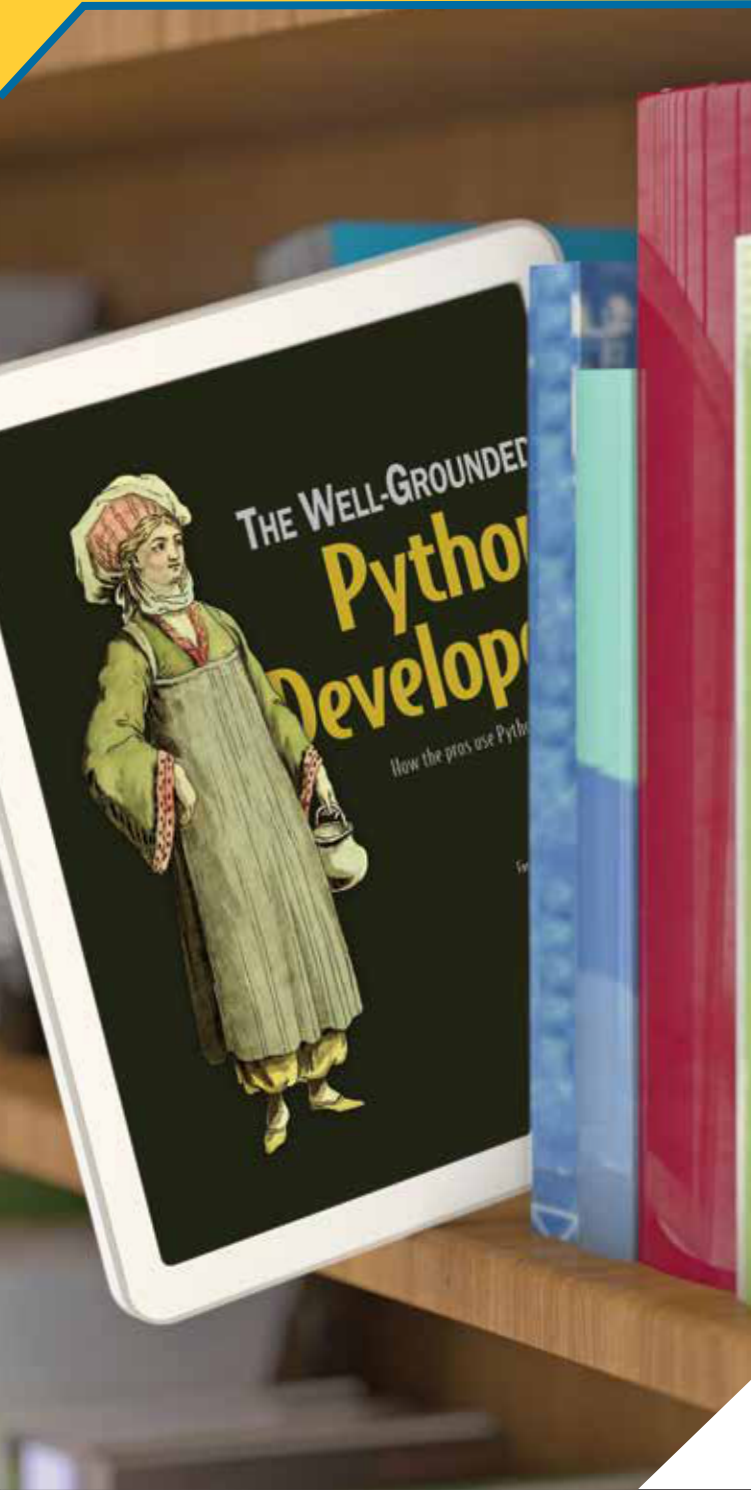


# eBooks Collections

in the IEEE *Xplore* Digital Library

**The IEEE *Xplore*® Digital Library offers several different eBooks Collections—providing instant online access to more than 6,500 expertly selected, technical eBook titles.**

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**This collection includes introductory and advanced reference works and professional books, with an emphasis on leading areas of applied research such as:**

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- Electromagnetic Analysis
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- Intelligence-Information Ops
- Microwave and RF Engineering
- Power Engineering
- Radar
- Remote Sensing
- Security and Privacy
- Signal Processing and Analysis



## Artech House eBooks Library

A sampling of some recent and popular titles: <sup>10</sup>

- *Chipless RFID Systems Using Advanced Artificial Intelligence*
- *Introduction to Active Phased Arrays*
- *Modern Vulnerability Management: Predictive Cybersecurity*
- *Naval ISR Fusion Principles, Operations, and Technologies*
- *Plasmonic Optical Fiber Biosensors*
- *Practical Battery Design and Control*
- *Virtualizing 5G and Beyond 5G Mobile Network*
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More than 775 titles with up to 35 new titles introduced each year

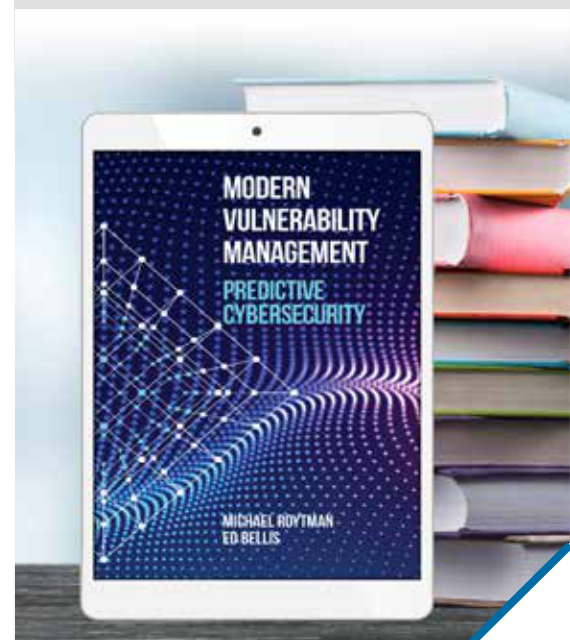
Niche quality content, insights, and solutions to the toughest engineering challenges

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Backlist to 1999

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# IEEE-Wiley eBooks Library\*

Discover and review important information with more than 1,200 titles spanning numerous technology areas, including bioengineering, power and energy, communication technologies, and other growing areas of research.



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More than 1,200 titles, with up to 70 new titles introduced each year

22,000+ individual chapters available

Backlist to 1974 with more than 71% of titles published since 2007

IEEE Computer Society Press (CSP) and IEEE Standards Information Network (SIN) eBooks are included

KBART/MARC records available via the OCLC website (OCLC.org)

**This collection includes practical handbooks, introductory and advanced texts, reference works, and professional books in key technology areas, such as:**

- Aerospace
- Bioengineering
- Components, Circuits, Devices, and Systems
- Computing and Processing (includes hardware and software)
- Engineered Materials, Dielectrics, and Plasmas
- Fields, Waves, and Electromagnetics
- Geoscience
- Photonics and Electro-optics
- Power, Energy, and Industry Applications
- Robotics and Control Systems
- Signal Processing and Analysis



## IEEE-Wiley eBooks Library

**A sampling of some recent and popular titles:**

- *6G and Onward to Next G: The Road to the Multiverse*
- *Cyber Infrastructure for the Smart Electric Grid*
- *Dynamic System Modelling and Analysis with MATLAB and Python: For Control Engineers*
- *Evolution of Wireless Communication Ecosystems*
- *Grounds for Grounding: A Handbook from Circuits to Systems*
- *IoT for Defense and National Security*
- *Power Grid Resilience against Natural Disasters: Preparedness, Response, and Recovery*
- *Semiconductor Microchips and Fabrication: A Practical Guide to Theory and Manufacturing*

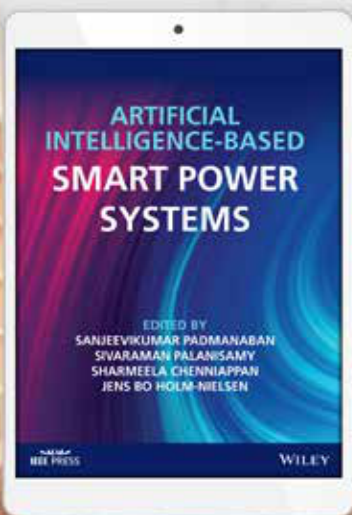
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# Manning eBooks Library\*

Keep abreast of a wide variety of computer science and technology topics such as data science, software engineering, programming, operations, and web development, with more than 400 titles in this specially curated collection of essential information and practical learning for computer programmers, IT professionals, and undergraduate and graduate students.

**This collection—with its rigorous peer review process—offers instructional content that explores the intricacies of particular programs, technologies, and frameworks in a variety of content areas, including:**

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- Artificial Intelligence
- Client/Server Technologies
- Communication Technology Networks
- Computer Architecture
- Computer Security & Cryptography
- Grid & Cloud Computing
- Mobile & Wireless Communications
- Parallel and Distributed Computing
- Programming & Software Development
- Software Engineering/Design



## Manning eBooks Library

**A sampling of some recent and popular titles:**

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- *Designing Deep Learning Systems*
- *Get Programming with JavaScript*
- *Grokking Artificial Intelligence Algorithms*
- *Google Anthos in Action*
- *Julia as a Second Language*
- *Learn SQL Server Administration in a Month of Lunches*
- *The Well-Grounded Python Developer*

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Important insights on the latest technologies and key skills needed to optimize more established disciplines

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Backlist to 2015

KBART/MARC records available via the OCLC website (OCLC.org)





# MIT Press eBooks Library

## Computing and Engineering Collection

Foster and encourage discovery with more than 925 titles in important technology fields, including computer science, artificial intelligence, information theory, computer programming, information technology, and electrical engineering.



### MIT Press eBooks Library Quick Facts

More than 925 titles

Titles are handpicked for their relevancy to IEEE *Xplore* users

80% of titles in computing-related fields

18,500+ individual chapters

Up to 40 new titles added each year, many of which will be unavailable on other eBook aggregator platforms

Backlist to 1943

KBART/MARC records available via the OCLC website (OCLC.org)

**This collection includes practical handbooks, introductory and advanced texts, reference works, and professional books, with an emphasis on leading areas of applied research, such as:**

- Bioengineering
- Communication, Networking, and Broadcasting
- Components, Circuits, Devices, and Systems
- Computing and Processing
- Engineered Materials, Dielectrics, and Plasmas
- Fields, Waves, and Electromagnetics
- Geoscience
- Power, Energy, and Industry Applications
- Robotics and Control Systems
- Signal Processing
- Transportation

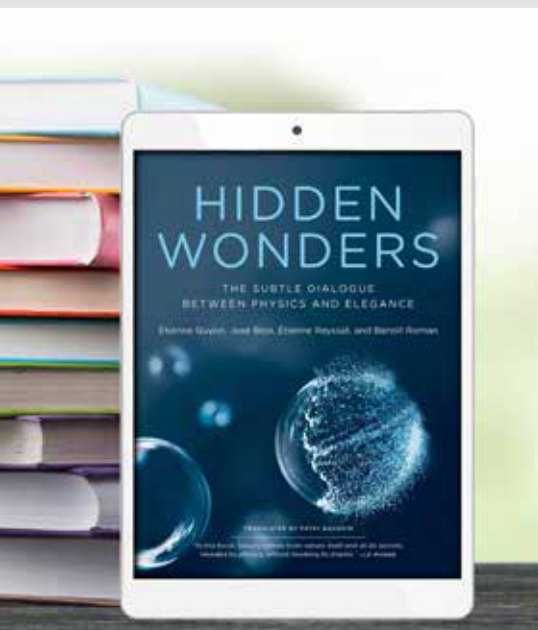


### MIT Press eBooks Library

**A sampling of some recent and popular titles:**

- *Beyond Digital: Design and Automation at the End of Modernity*
- *Design for a Better World: Meaningful, Sustainable, Humanity Centered*
- *Ending Epidemics: A History of Escape from Contagion*
- *Fascination of Science: 60 Encounters with Pioneering Researchers of Our Time*
- *Sharing Our Science: How to Write and Speak STEM*
- *Invention and Innovation: A Brief History of Hype and Failure*
- *The Age of Prediction: Algorithms, AI, and the Shifting Shadows of Risk*
- *The Price of Cake: And 99 Other Classic Mathematical Riddles*

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# Now Publishers Foundations and Trends® Technology eBooks Library

Explore and learn about the latest technologies with quick, trustworthy introductions of emerging topics in engineering and computer science. This library includes more than 700 titles and is an exceptional resource for students, researchers, and practicing engineers studying a new topic or looking for a high-level introduction to a new subject area.

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- *Graph Neural Networks for Natural Language Processing: A Survey*
- *Haptics for Human-Computer Interaction: From the Skin to the Brain*
- *Model-based Reinforcement Learning: A Survey*
- *Quantum-Inspired Neural Language Representation, Matching and Understanding*
- *Recent Advances in Testing Techniques for AI Hardware Accelerators*
- *Towards Better User Studies in Computer Graphics and Vision*

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## Foundations and Trends Technology eBooks Library Quick Facts

More than 700 titles, with up to 40 new titles introduced each year

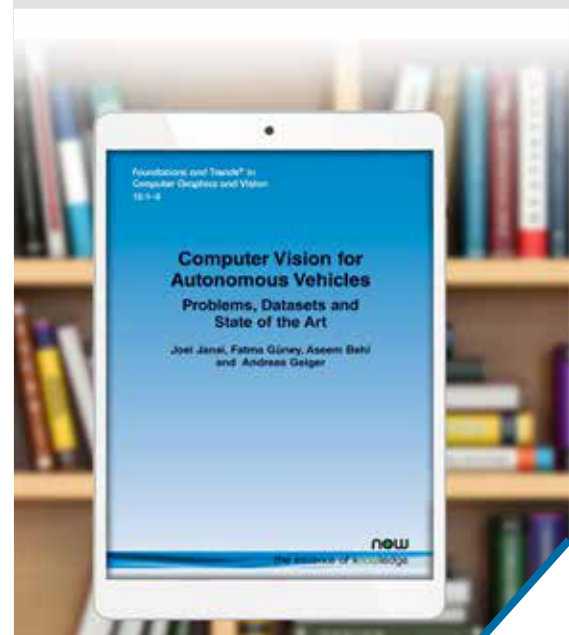
Subject matter focuses on engineering, energy, and computer science

Backlist to 2004

Serves as a comprehensive supplement to textbooks

Gives practitioners early access to high-level overviews of new technologies

KBART/MARC records available via the OCLC website (OCLC.org)





# Packt eBooks Library

Stay informed about a wide variety of computer science and technology topics with this specially curated collection of eBook titles from Packt Publishers. With more than 725 titles dating back to 2021, this collection provides essential information and practical learning for computer programmers, IT professionals, and undergraduate and graduate students.



## Packt eBooks Library Quick Facts

More than 725 titles, with up to 200 new titles introduced annually

Subject matter focuses on topics in computer science, technology, and related fields

Includes titles in essential topics for programmers and developers such as JavaScript, Python, C++, Angular Design, SQL, AWS, and more

DRM-free: Users can print, copy, paste, and download PDFs

Backlist to 2021

KBART/MARC records available via the OCLC website (OCLC.org)

## This collection of eBook titles focuses on computer science, technology, and related fields, covering essential topics for programmers and developers including:

- Application Development
- Artificial Intelligence
- Cloud Computing
- Database Administration
- Data Visualization
- Enterprise Resource Planning
- Full Stack Web Development
- Game Development
- Learning Management System
- Machine Learning
- Server-Side Web Development
- Web Programming



## Packt eBooks Library

### A sampling of some recent and popular titles:

- *Azure Machine Learning Engineering: Deploy, Fine-tune, and Optimize ML Models Using Microsoft Azure*
- *Data Wrangling on AWS: Clean and Organize Complex Data for Analysis*
- *Exploring Deepfakes: Deploy Powerful AI Techniques for Face Replacement and More with this Comprehensive Guide*
- *How to Build Android Apps with Kotlin: A Practical Guide to Developing, Testing, and Publishing Your First Android Apps*
- *Implementing Multifactor Authentication: Protect Your Applications from Cyberattacks with the Help of MFA*
- *Mastering Linux Security and Hardening: A Practical Guide to Protecting Your Linux System from Cyber Attacks*

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# Princeton University Press eBooks Library

Promote and foster innovation in essential technology fields, including computer science, mathematics, physics, astronomy, cosmology, and history of science and knowledge. With more than 400 titles, this specially curated collection provides today's professionals and students with important archival information and cutting-edge data from world-renowned, award-winning scholars and researchers.

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- Electromagnetics
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- Nanotechnology
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- Particle & High-Energy Physics
- Thermodynamics



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- *Introduction to Nonlinear Control: Stability, Control Design, and Estimation*
- *Life's Engines: How Microbes Made Earth Habitable*
- *Machine Learning for Physics and Astronomy*
- *Physics of Binary Star Evolution: From Stars to X-ray Binaries and Gravitational Wave Sources*
- *The Grant Writing Guide: A Road Map for Scholars*
- *The Mathematical Mechanic: Using Physical Reasoning to Solve Problems*
- *The Proof Stage: How Theater Reveals the Human Truth of Mathematics*

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More than 400 titles with up to 30 new titles introduced each year

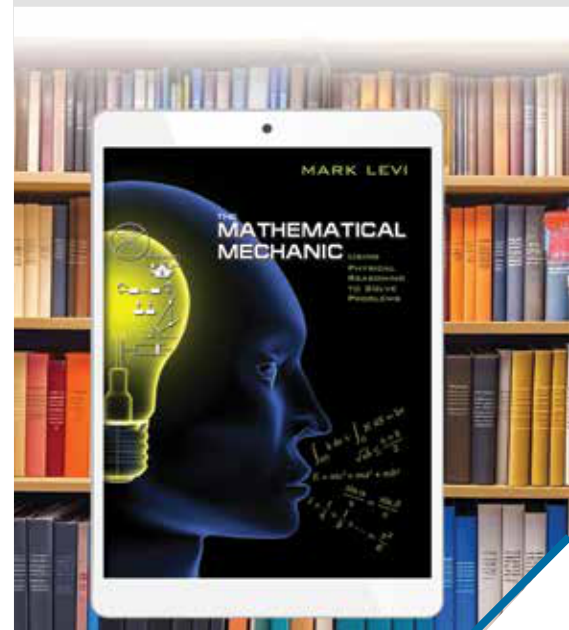
Authors include some of the most influential scholars in their fields, such as Albert Einstein, Stephen Hawking, and Neil deGrasse Tyson

Intended for students, researchers, engineers, and technical professionals

Available as full book downloads

Backlist to 1945

KBART/MARC records available via the OCLC website (OCLC.org)





# River Publishers eBooks Library

Provide researchers, students, and professionals with cutting-edge data from the world's leading authorities on a wide range of engineering areas, including biomedical engineering, circuits and systems, information science and technology, cybersecurity, digital forensics, and more.



## River Publishers eBooks Library Quick Facts

More than 415 titles, with up to 50 new titles introduced each year

Intended for graduate level students, researchers, engineers, and professionals

Provides a strong theoretical and practical overview

Authors and editors are IEEE members and volunteers from leading universities and corporations worldwide

Backlist to 2015

KBART/MARC records available via the OCLC website (OCLC.org)

**This collection includes practical handbooks, research monographs, and professional books within the fields of science, technology, and medicine, including:**

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- Communications
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- Mathematical and Engineering Sciences
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- Polymer Science
- Renewable Energy
- Security and Digital Forensics
- Transport Technology

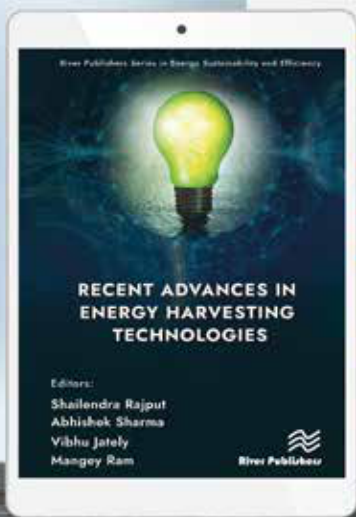


## River Publishers eBooks Library

**A sampling of some recent and popular titles:**

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- *DevOps: A Journey from Microservice to Cloud Based Containerization*
- *Dielectric Materials for Energy Storage and Energy Harvesting Devices*
- *Integrated Power Management: A Quick Start Guide*
- *Introduction to Blockchain Technology*
- *Mathematical and Computational Modeling of Covid-19 Transmission*
- *Privacy and Security for Mobile Crowdsourcing*
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- Advanced Manufacturing
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- Automotive History
- Electrification
- Human Factors and Crash Research
- Power and Propulsion
- Vehicle Cybersecurity



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- *Aviation Engineering: Navigating Through the Golden Years!*
- *Cybersecurity for Entrepreneurs*
- *Doing the Hard Work: Insights from Women Leading the Commercial Vehicle Industry*
- *Finite Element Analysis for Design Engineers*
- *Fundamentals of Connected and Automated Vehicles*
- *Modernizing Product Development Processes: Guide for Engineers*
- *SAE International's Dictionary for Automotive Engineers*

Visit [www.ieee.org/sae-ebooks](http://www.ieee.org/sae-ebooks) for a complete list of titles included in the collection.

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6,100+ individual chapters available

Backlist to 1990

Cutting-edge information about the latest on emerging technologies with a strong focus on scientific and technological innovations

Titles broken out into chapters, for easier discovery and access

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# Wiley Data and Cybersecurity eBooks Library

Prepare against the ever-increasing threat of cyberattacks with essential information on data privacy, cybersecurity, and related fields with content applicable for students, researchers, engineers, and technical professionals.



## Wiley Data and Cybersecurity eBooks Library Quick Facts

More than 200 titles, with up to 20 new titles introduced each year

Subject matter focuses on data privacy, cybersecurity, and related fields

Collection includes reference titles, professional/trade titles, *Dummies*<sup>®</sup> guides, and study guides

Search by title, keyword, or subject

Backlist to 2014

80% of titles are from 2019 forward

KBART/MARC records available via the OCLC website (OCLC.org)

## This collection of eBook titles emphasizes leading areas of research in data privacy, cybersecurity, and related fields such as:

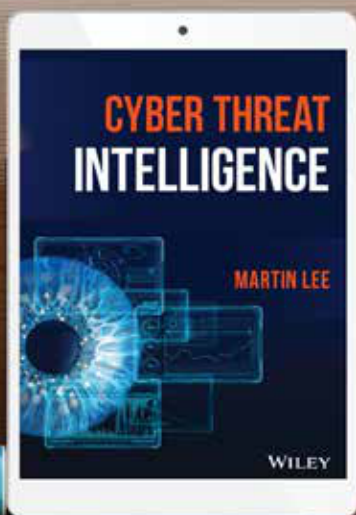
- Artificial Intelligence
- Cloud Computing
- Communication System Security
- Computer Engineering
- Control Systems Technology
- Cryptography
- Data Analysis and Mining
- Information Technologies
- Intelligent Systems and Agents
- Online Safety and Privacy
- Parallel and Distributed Computing
- Software Measurement and Testing



## Wiley Data and Cybersecurity eBooks Library

### A sampling of some recent and popular titles:

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- *Cyber Threat Intelligence*
- *Deep Learning: From Big Data to Artificial Intelligence with R*
- *Navigating the Cybersecurity Career Path*
- *Optimization for Learning and Control*
- *Ransomware Protection Playbook*
- *Securing Delay-Tolerant Networks with BPsec*
- *Security in Vehicular Networks: Focus on Location and Identity Privacy*



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# Wiley Telecommunications eBooks Library

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- Audio and Speech Processing and Broadcasting
- Communication System Security
- Communication Technology, Networks
- Mobile and Wireless Communications
- Networking and Broadcasting
- Optical Communications
- Satellite Communications
- Signal Processing and Analysis



## Wiley Telecommunications eBooks Library

**A sampling of some recent and popular titles:**

- *5G Backhaul and Fronthaul*
- *AI-Enabled 6G Networks and Applications*
- *Artificial Intelligence and Quantum Computing for Advanced Wireless Networks*
- *Autonomous and Connected Vehicles: Network Architectures from Legacy Networks to Automotive Ethernet*
- *Interference Mitigation in Device-to-Device Communications*
- *IoT Product Design and Development: Best Practices for Industrial, Consumer, and Business Applications*
- *Network Science: Analysis and Optimization Algorithms for Real-World Applications*
- *Ultra-Reliable and Low-Latency Communications (URLLC) Theory and Practice: Advances in 5G and Beyond*

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## Wiley Telecommunications eBooks Library Quick Facts

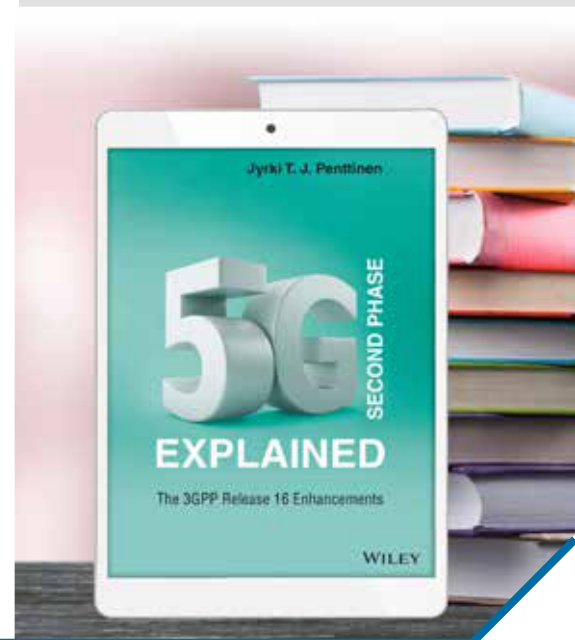
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6,700+ individual chapters available

Subject matter focuses on telecommunications and related fields

Backlist to 2007

KBART/MARC records available via the OCLC website (OCLC.org)





# Wiley Semiconductors eBooks Library

Stay informed about the essential and ever-evolving field of semiconductors with this specially curated collection of high-quality eBook titles from John Wiley & Sons, Inc., delivered via the IEEE *Xplore* Digital Library. With 375 titles dating back to 2011, this collection provides essential information on semiconductors and related fields with concentrated content applicable for students, researchers, engineers, and technical professionals.



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Backlist to 2011

50% of titles are from 2019 forward

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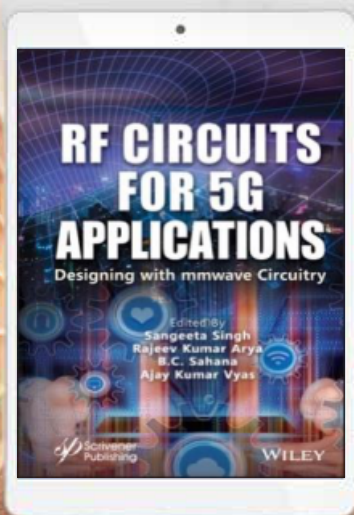
- Antennas & Propagation
- Astronomy & Astrophysics
- Atomic & Molecular Physics
- Biochemical Engineering
- Circuit Theory & Design
- Communication Technology
- Components & Devices
- Computer Vision
- Condensed Matter
- Control Systems Technology
- Dielectrics & Electric Insulators
- MEMS & Nanoelectronics
- Nanotechnology
- Optical Communications
- Optics & Photonics
- Photonics & Lasers
- Power Electronics
- Quantum Computing
- Quantum Physics & Field Theory
- Remote Sensing
- RF/Microwave Theory & Techniques
- Satellite Communications
- Semiconductor Physics
- Sensor Materials
- Sensors, Instrumentation & Measurement
- Signal Processing
- Solid State Physics
- Superconductors



## Wiley Semiconductors eBooks Library

### A sampling of some recent and popular titles:

- *Evolving Networking Technologies: Developments and Future Directions*
- *Flexible Flat Panel Displays*
- *Interface Engineering in Organic Field-Effect Transistors*
- *Optical Switching: Device Technology and Applications in Network*
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