



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

**APPLIED SCIENCES**

***Communication Systems***

- 01 Proakis, J. G.  
Fundamentals of communication systems.  
Noida: Pearson Education India Pvt Ltd, 2018.  
xviii, 858p.  
ISBN 978-8-131-70573-5.  
Call No. *621.382 PRO* Acc. No. 13505 - 13509

***Semiconductor Memory***

- 02 Lee, T. H.  
The Design of CMOS Radio Frequency-Integrated Circuits. 2e.  
New Delhi: Cambridge University Press, 2004.  
xviii, 797p.  
ISBN 978-0-521-61389-7.  
Call No. *621.3972 LEE* Acc. No. 13440 - 13444

**ARCHITECTURE & RECREATION**

***Architecture and Environment***

03. Green, K. E.  
Architectural Robotics: Ecosystems, bits, bytes and biology.  
Cambridge: The MIT Press, 2016.  
xi, 264p.  
ISBN 978-0-262-03395-4.  
Call No. *720.47 GRE* Acc. No. 13447

***Architecture - Digital Design practices***

04. Steenson, M. W.  
Architectural Intelligence: How designers and architects created the digital landscape.  
Cambridge: The MIT Press, 2017.  
xii, 312p.  
ISBN 978-0-262-03706-8.  
Call No. *720.105 STE* Acc. No. 13446

***Video games - History***

05. Lowood, H.  
Debugging Game History: A critical lexicon.  
Cambridge: The MIT Press, 2016.  
xx, 443p. (Game Histories).  
ISBN 978-0-262-03419-7.  
Call No. *794.809 LOW* Acc. No. 13455

**COMPUTER SCIENCE, KNOWLEDGE & SYSTEMS**

***Big Data***

06. Sugimoto, C. R. et.al. eds.  
Big Data Is Not a Monolith.  
Cambridge: The MIT Press, 2016.  
xxi, 284p. (Information Policy Series).  
ISBN 978-0-262-52948-8.



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

Call No. *005.7 SUG*

Acc. No. 13449

**Cloud Computing**

07. Ruparelia, N B.  
Cloud Computing.  
Cambridge: The MIT Press, 2016.  
xiii, 260p. (The MIT Press Essential Knowledge).  
ISBN 978-0-262-52909-9.  
Call No. *004.678 RUP*

Acc. No. 13451

**Cognitive Science - History**

08. Oliveira, A.  
Digital Mind: How science is redefining humanity.  
Cambridge: The MIT Press, 2017.  
xxii, 317p.  
ISBN 978-0-262-03603-0.  
Call No. *006.3 OLI*

Acc. No. 13458

**Computational Intelligence**

- 09 Levesque, H. J.  
Common Sense, the Turing Test, and the Quest for Real AI.  
Cambridge: The MIT Press, 2017.  
xv, 172p.  
ISBN 978-0-262-53520-5.  
Call No. *006.31 LEV*

Acc. No. 13453

**Computer Science**

10. Denning, P. J.  
Great Principles of Computing.  
Cambridge: The MIT Press, 2015.  
xviii, 302p.  
ISBN 978-0-262-52712-5.  
Call No. *004 DEN*

Acc. No. 13466

**Computing - History**

11. Haigh, T.  
ENIAC in Action: Making and remaking the modern computer.  
Cambridge: The MIT Press, 2016.  
xvii, 341p. (History of Computing).  
ISBN 978-0-262-03398-5.  
Call No. *004.09 HAI*

Acc. No. 13462

**Humanities - Information Storage and retrieval**

12. Svensson, P.  
Between Humanities and the Digital.  
Cambridge: The MIT Press, 2015.  
xii, 574p.  
ISBN 978-0-262-02868-4.  
Call No. *001.30285 SVE*

Acc. No. 13448

**Knowledge Engineering**

13. Arp, R.  
Building Ontologies with Basic Formal Ontology.  
Cambridge: The MIT Press, 2015.  
xxvi, 220p.  
ISBN 978-0-262-52781-1.  
Call No. *006.332 ARP* Acc. No. 13450

**Neural Networks**

14. Downing, K. L.  
Intelligence Emerging.  
Cambridge: The MIT Press, 2015.  
xxii, 475p.  
ISBN 978-0-262-53684-4.  
Call No. *006.32 DOW* Acc. No. 13471

**Open Source Software**

15. Tozzi, C.  
For Fun and Profit: A history of the free and open source software revolution.  
Cambridge: The MIT Press, 2017.  
x, 324p. (History of Computing).  
ISBN 978-0-262-03647-4.  
Call No. *005.3 TOZ* Acc. No. 13465

**Quantum Computers**

16. Nielsen, M. A.,  
Quantum Computation and Quantum Information. 10th. Anniversary Edition.  
New Delhi: Cambridge University Press, 2010.  
xxxii, 476p.  
ISBN 978-1-107-61919-7.  
Call No. *004.1 NIE* Acc. No. 13432 - 13439

**Research - Data Processing**

17. Meyerr, E. T.  
Knowledge Machines: Digital transformations of the sciences and humanities.  
Cambridge: The MIT Press, 2015.  
xi, 271p. (Infrastructure Series).  
ISBN 978-0-262-02874-5.  
Call No. *001.420285 MEY* Acc. No. 13474

**System Analysis - Data processing**

18. Wilensky, U.  
Introduction to Agent-Based Modeling: Modeling natural, social, and engineered complex systems with Netlogo.  
Cambridge: The MIT Press, 2015.  
xxii, 482p.  
ISBN 978-0-262-73189-8.  
Call No. *003.3 WIL* Acc. No. 13473



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

**Computational linguistics**

19. van Deemter, Kees.  
Computational Models of Referring: A study in cognitive science.  
Cambridge: The MIT Press, 2016.  
x, 139p.  
ISBN 978-0-262-03455-5.  
Call No. *410.18 van* Acc. No. 13454

**MANAGEMENT**

**Business - Data Processing**

20. MIT Sloan Management Review.  
How to Go Digital: Practical wisdom to help drive your organization's digital transformation.  
Cambridge: The MIT Press, 2018.  
xvi, 205p. (The Digital future of Management).  
ISBN 978-0-262-53498-7.  
Call No. *658.05 MIT* Acc. No. 13469

**MATHEMATICS**

**Mathematical simulation**

21. Rahmandad, H.  
Analytical Methods for Dynamic Modelers.  
Cambridge: The MIT Press, 2015.  
xxvi, 416p.  
ISBN 978-0-262-02949-0.  
Call No. *511.8 RAH* Acc. No. 13445

**SOCIAL SCIENCES**

**Computer Literacy**

22. Vee, A.  
Coding Literacy: How computer programming is changing writing.  
Cambridge: The MIT Press, .  
(Software Studies).  
ISBN 978-0-262-03624-5.  
Call No. *302.22440285 VEE* Acc. No. 13452

**Computer Networks - Soviet Union - History**

23. Peters, B.  
How Not to Network a Nation: The uneasy history of the Soviet internet.  
Cambridge: The MIT Press, 2016.  
xiii, 298p. (Information Policy Series).  
ISBN 978-0-262-53466-6.  
Call No. *384.30947 09045 PET* Acc. No. 13468

**Culture - Technology - Psychological and social aspects**

24. Brown, B.  
Enjoying Machines.  
Cambridge: The MIT Press, 2015.  
viii, 219p.  
ISBN 978-0-262-02878-3.

Call No. 306.46 BRO

Acc. No. 13463

***Embedded Computer Systems***

25. Greengard, S.  
Internet of Things.  
Cambridge: The MIT Press, 2015.  
xviii, 210p. (The MIT Press Essential Knowledge).  
ISBN 978-0-262-52773-6.  
Call No. 384.3 GRE

Acc. No. 13472

***Information storage, retrieval and utilization - Social Aspects***

26. Buckland, M.  
Information and Society.  
Cambridge: The MIT Press, 2017.  
xiv, 217p. (The MIT Press Essential Knowledge).  
ISBN 978-0-262-53338-6.  
Call No. 303.4833 BUC

Acc. No. 13470

***Internet - Law and legislation***

27. Perzanowski, A.  
End of Ownership: Personal property in the digital economy.  
Cambridge: The MIT Press, 2016.  
249p. (The Information Society).  
ISBN 978-0-262-03501-9.  
Call No. 346.048 PER

Acc. No. 13460

***Labor Economics - Technological innovation***

28. Ekbja, H. R.  
Heteromation, and Other Stories of Computing and Capitalism.  
Cambridge: The MIT Press, 2017.  
xiv, 266p. (Acting with Technology).  
ISBN 978-0-262-03625-2.  
Call No. 331.25 EKB

Acc. No. 13467

***Nanotechnology - Government Policies***

29. Laurent, B.  
Democratic Experiments: Problematizing nanotechnology and democracy in  
Europe and the United States.  
Cambridge: The MIT Press, 2017.  
xviii, 261p. (Inside Technology).  
ISBN 978-0-262-03576-7.  
Call No. 338.9406 LAU

Acc. No. 13457

***Power resources - History***

30. Smil, V.  
Energy and Civilization: A history.  
Cambridge: The MIT Press, 2017.  
552p.  
ISBN 978-0-262-03577-4.  
Call No. 333.7909 SMI

Acc. No. 13461



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

***Social Interaction - Internet Research***

31. Hargittai, E.  
Digital Research Confidential: The secrets of studying behavior online.  
Cambridge: The MIT Press, 2015.  
xi, 271p.  
ISBN 978-0-262-02988-9.  
Call No. *302.30285 HAR* Acc. No. 13459

***Social life - Digital Media***

32. Gonzalez-Bailon, S.  
Decoding the Social World: Data science and the unintended consequences of  
communication.  
Cambridge: The MIT Press, 2017.  
xxiv, 231p.  
ISBN 978-0-262-03707-5.  
Call No. *303.4833 GON* Acc. No. 13456

***Urban transportation - Technological innovations***

33. Sumantran, V.  
Faster, Smarter, Greener : The future of the car and the urban mobility.  
Cambridge: The MIT Press, 2017.  
xxiii, 326p.  
ISBN 978-0-262-03666-5.  
Call No. *388.321 SUM* Acc. No. 13464



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

MIT PRESS EBOOK TITLES

- ["Raw Data" Is an Oxymoron](#)
- [10 PRINT CHR\\$\(205.5+RND\(1\)\); : GOTO 10](#)
- [2D Object Detection and Recognition:Models, Algorithms, and Networks](#)
- [A Case for Climate Engineering](#)
- [A Century of Electrical Engineering and Computer Science at MIT, 1882-1982](#)
- [A Few Good Men From Univac](#)
- [A First Course in Turbulence](#)
- [A Grammatical View of Logic Programming](#)
- [A History of Online Information Services, 1963-1976](#)
- [A Little Java, A Few Patterns](#)
- [A Play of Bodies:How We Perceive Videogames](#)
- [A Prehistory of the Cloud](#)
- [A Robot Ping-Pong Player:Experiments in Real-Time Intelligent Control](#)
- [A Small Matter of Programming:Perspectives on End User Computing](#)
- [A Social History of Engineering](#)
- [A Vast Machine:Computer Models, Climate Data, and the Politics of Global Warming](#)
- [Access Denied:The Practice and Policy of Global Internet Filtering](#)
- [Accessing and Browsing Information and Communication](#)
- [Acting with Technology:Activity Theory and Interaction Design](#)
- [Active Solar Systems](#)
- [Activity-Centered Design:An Ecological Approach to Designing Smart Tools and Usable Systems](#)
- [Actors:A Model of Concurrent Computation in Distributed Systems](#)
- [Ada:A Life And A Legacy](#)
- [Adaptation in Natural and Artificial Systems:An Introductory Analysis with Applications to Biology, Control, and Artificial Intelligence](#)
- [Advanced Database Techniques](#)
- [Advanced Mean Field Methods:Theory and Practice](#)
- [Advanced Research in VLSI:Proceedings of the Fifth MIT Conference](#)
- [Advanced Structured Prediction](#)
- [Advances in Genetic Programming](#)
- [Advances in Large-Margin Classifiers](#)
- [Advances in Neural Information Processing Systems 19:Proceedings of the 2006 Conference](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Advances in Object-Oriented Data Modeling](#)
- [Advances in the Evolutionary Synthesis of Intelligent Agents](#)
- [Advancing Knowledge and The Knowledge Economy](#)
- [Adversarial Design](#)
- [Aesthetic Animism:Digital Poetry's Ontological Implications](#)
- [Aesthetic Computing](#)
- [After Access:Inclusion, Development, and a More Mobile Internet](#)
- [AI in the 1980s and Beyond:An MIT Survey](#)
- [Aircraft Engines and Gas Turbines](#)
- [Algebraic Semantics of Imperative Programs](#)
- [Algorithm Animation](#)
- [Algorithmic Program Debugging](#)
- [Algorithms Unlocked](#)
- [Aligning Modern Business Processes and Legacy Systems:A Component-Based Perspective](#)
- [Aluminum Dreams:The Making of Light Modernity](#)
- [Ambient Commons:Attention in the Age of Embodied Information](#)
- [America Identified:Biometric Technology and Society](#)
- [An Aesthesis of Networks:Conjunctive Experience in Art and Technology](#)
- [An Introduction to Agent-Based Modeling:Modeling Natural, Social, and Engineered Complex Systems with NetLogo](#)
- [An Introduction to Computational Learning Theory](#)
- [Analog VLSI:Circuits and Principles](#)
- [Analytical Methods for Dynamic Modelers](#)
- [Anigrafs:Experiments in Cooperative Cognitive Architecture](#)
- [Ant Colony Optimization](#)
- [Applied Electronics](#)
- [Architectural Intelligence:How Designers and Architects Created the Digital Landscape](#)
- [Architectural Robotics:Ecosystems of Bits, Bytes, and Biology](#)
- [Arguments that Count:Physics, Computing, and Missile Defense, 1949-2012](#)
- [Artifacts:An Archaeologist's Year in Silicon Valley](#)
- [Artificial Cognitive Systems:A Primer](#)
- [Artificial Experts:Social Knowledge and Intelligent Machines](#)
- [Artificial Intelligence and Learning Environments](#)



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Artificial Intelligence in Perspective](#)
- [Artificial Intelligence: An MIT Perspective:Expert Problem Solving, Natural Language Understanding and Intelligent Computer Coaches, Representation and Learning](#)
- [Artificial Intelligence:The Very Idea](#)
- [Artificial Life IX:Proceedings of the Ninth International Conference on the Simulation and Synthesis of Living Systems](#)
- [Artificial Life VII:Proceedings of the Seventh International Conference on Artificial Life](#)
- [Artificial Life:An Overview](#)
- [Artificial Minds](#)
- [Artificial Unintelligence:How Computers Misunderstand the World](#)
- [At Your Service:Service-Oriented Computing from an EU Perspective](#)
- [Atari Age:The Emergence of Video Games in America](#)
- [Attention and Performance XIV:Synergies in Experimental Psychology, Artificial Intelligence, and Cognitive Neuroscience](#)
- [Automatic Algorithm Recognition and Replacement:A New Approach to Program Optimization](#)
- [Autonomous Bidding Agents:Strategies and Lessons from the Trading Agent Competition](#)
- [Bandwagon Effects in High Technology Industries](#)
- [Basic Category Theory for Computer Scientists](#)
- [Beowulf Cluster Computing with Linux](#)
- [Beowulf Cluster Computing with Windows](#)
- [Between Humanities and the Digital](#)
- [Beyond Bibliometrics:Harnessing Multidimensional Indicators of Scholarly Impact](#)
- [Beyond Choices:The Design of Ethical Gameplay](#)
- [Beyond Our Control?:Confronting the Limits of Our Legal System in the Age of Cyberspace](#)
- [Beyond the Desktop Metaphor:Designing Integrated Digital Work Environments](#)
- [Beyond the Triple Bottom Line:Eight Steps toward a Sustainable Business Model](#)
- [Bibliometrics and Research Evaluation:Uses and Abuses](#)
- [Bicycle Design:An Illustrated History](#)
- [Bicycle Transportation:A Handbook for Cycling Transportation Engineers](#)
- [Bicycling Science](#)
- [Big Data Is Not a Monolith](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Big Data, Little Data, No Data: Scholarship in the Networked World](#)
- [Bioinformatics, second edition: The Machine Learning Approach](#)
- [Bits to Bitcoin: How Our Digital Stuff Works](#)
- [Boosting: Foundations and Algorithms](#)
- [Borders in Cyberspace: Information Policy and the Global Information Infrastructure](#)
- [Boundary Objects and Beyond: Working with Leigh Star](#)
- [Brain Computation as Hierarchical Abstraction](#)
- [Building IBM: Shaping an Industry and Its Technology](#)
- [Building Ontologies with Basic Formal Ontology](#)
- [Burdens of Proof: Cryptographic Culture and Evidence Law in the Age of Electronic Documents](#)
- [C# Precisely](#)
- [Car Crashes without Cars: Lessons about Simulation Technology and Organizational Change from Automotive Design](#)
- [Category Theory for the Sciences](#)
- [Cellular Automata Machines: A New Environment for Modeling](#)
- [Certified Programming with Dependent Types: A Pragmatic Introduction to the Coq Proof Assistant](#)
- [Change of State: Information, Policy, and Power](#)
- [Cheap and Clean: How Americans Think about Energy in the Age of Global Warming](#)
- [Chess Metaphors: Artificial Intelligence and the Human Mind](#)
- [Circuit Complexity and Neural Networks](#)
- [Circuit Design with VHDL](#)
- [Circuit Theory of Linear Noisy Networks](#)
- [Circuits, Signals, and Systems](#)
- [Civic Space/Cyberspace: The American Public Library in the Information Age](#)
- [Climate Change and Global Energy Security: Technology and Policy Options](#)
- [Close Up at a Distance: Mapping, Technology, and Politics](#)
- [Cloud Computing](#)
- [Clouds in the Perturbed Climate System: Their Relationship to Energy Balance, Atmospheric Dynamics, and Precipitation](#)
- [Code/Space: Software and Everyday Life](#)
- [CODE: Collaborative Ownership and the Digital Economy](#)
- [Codename Revolution: The Nintendo Wii Platform](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Coding Literacy:How Computer Programming Is Changing Writing](#)
- [Coding Places:Software Practice in a South American City](#)
- [Cognitive Search:Evolution, Algorithms, and the Brain](#)
- [Collaborative Media:Production, Consumption, and Design Interventions](#)
- [Common Sense, the Turing Test, and the Quest for Real AI](#)
- [Communication Complexity:A New Approach to Circuit Depth](#)
- [Communication Researchers and Policy-making](#)
- [Communications Policy and Information Technology:Promises, Problems, Prospects](#)
- [Communications Policy in Transition:The Internet and Beyond](#)
- [Computability:Turing, Gödel, Church, and Beyond](#)
- [Computational Learning Theory and Natural Learning Systems:Making Learning Systems Practical](#)
- [Computational Models of Discourse](#)
- [Computational Models of Referring:A Study in Cognitive Science](#)
- [Computational Models of Visual Processing](#)
- [Computational Philosophy of Science](#)
- [Computational Theories of Interaction and Agency](#)
- [Computationalism:New Directions](#)
- [Computer Environments for Children:A Reflection on Theories of Learning and Education](#)
- [Computer Games for Learning:An Evidence-Based Approach](#)
- [Computer Methods in the Analysis of Large-Scale Social Systems](#)
- [Computers and Design in Context](#)
- [Computing:A Concise History](#)
- [Concepts, Techniques, and Models of Computer Programming](#)
- [Concurrent Constraint Programming](#)
- [Connectionist Symbol Processing](#)
- [Constraint-Based Grammar Formalisms:Parsing and Type Inference for Natural and Computer Languages](#)
- [Constraint-Based Reasoning](#)
- [Contagious Architecture:Computation, Aesthetics, and Space](#)
- [Control and Freedom:Power and Paranoia in the Age of Fiber Optics](#)
- [Cool Energy:Renewable Solutions to Environmental Problems](#)
- [Coordinating the Internet](#)
- [Coping with Illness Digitally](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Cornucopia Limited:Design and Dissent on the Internet](#)
- [Cosmopolitan Commons:Sharing Resources and Risks across Borders](#)
- [Critical Fabulations:Reworking the Methods and Margins of Design](#)
- [Crowdsourced Health:How What You Do on the Internet Will Improve Medicine](#)
- [Crowdsourcing](#)
- [Crypto Anarchy, Cyberstates, and Pirate Utopias](#)
- [Current Topics in Computational Molecular Biology](#)
- [Cyber Rights:Defending Free speech in the Digital Age](#)
- [Cyberpolitics in International Relations](#)
- [Data Science](#)
- [Data-Parallel Programming on MIMD Computers](#)
- [Dataset Shift in Machine Learning](#)
- [Debugging Game History:A Critical Lexicon](#)
- [Decision Making Under Uncertainty:Theory and Application](#)
- [Decoding the Social World:Data Science and the Unintended Consequences of Communication](#)
- [Democratic Experiments:Problematizing Nanotechnology and Democracy in Europe and the United States](#)
- [Design Structure Matrix Methods and Applications](#)
- [Designing an Internet](#)
- [Designing Publics](#)
- [Designing Sociable Robots](#)
- [Designing with Blends:Conceptual Foundations of Human-Computer Interaction and Software Engineering](#)
- [Designing with the Body:Somaesthetic Interaction Design](#)
- [Developer's Dilemma:The Secret World of Videogame Creators](#)
- [Digital Crossroads:Telecommunications Law and Policy in the Internet Age](#)
- [Digital Dead End:Fighting for Social Justice in the Information Age](#)
- [Digital Halftoning](#)
- [Digital Libraries](#)
- [Digital Library Use:Social Practice in Design and Evaluation](#)
- [Digital Lifeline?:ICTs for Refugees and Displaced Persons](#)
- [Digital Mantras:The Languages of Abstract and Virtual Worlds](#)
- [Digital Methods](#)
- [Digital Research Confidential:The Secrets of Studying Behavior Online](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Direct-Drive Robots:Theory and Practice](#)
- [Disaster Robotics](#)
- [Discovering the Human Connectome](#)
- [Distributed Work](#)
- [Divining a Digital Future:Mess and Mythology in Ubiquitous Computing](#)
- [Do the Right Thing:Studies in Limited Rationality](#)
- [Document Engineering:Analyzing and Designing Documents for Business Informatics and Web Services](#)
- [Documenting Aftermath:Information Infrastructures in the Wake of Disasters](#)
- [Drone:Remote Control Warfare](#)
- [Dynamic Logic](#)
- [Earth System Analysis for Sustainability](#)
- [Eat, Cook, Grow:Mixing Human-Computer Interactions with Human-Food Interactions](#)
- [Effective Cycling](#)
- [Electric Words:Dictionaries, Computers, and Meanings](#)
- [Electromagnetic Energy Transmission and Radiation](#)
- [Electronic Processes in Solids](#)
- [Electron-Stream Interaction with Plasmas](#)
- [Embodied Music Cognition and Mediation Technology](#)
- [Empirical Methods for Exploiting Parallel Texts](#)
- [Enabling Technologies for Petaflops Computing](#)
- [Energies:An Illustrated Guide to the Biosphere and Civilization](#)
- [Energy and Civilization:A History](#)
- [Energy at the Crossroads:Global Perspectives and Uncertainties](#)
- [Energy in Nature and Society:General Energetics of Complex Systems](#)
- [Engineering a Safer World:Systems Thinking Applied to Safety](#)
- [Engineering Invention:Frank J. Sprague and the U.S. Electrical Industry](#)
- [Engineering Systems:Meeting Human Needs in a Complex Technological World](#)
- [Engineers and the Making of the Francoist Regime](#)
- [English-Japanese, Japanese-English Dictionary of Computer and Data-Processing Terms](#)
- [ENIAC in Action:Making and Remaking the Modern Computer](#)
- [Enjoying Machines](#)
- [Enterprise Integration Modeling:Proceedings of the First International Conference](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Escaping the Energy Poverty Trap:When and How Governments Power the Lives of the Poor](#)
- [Estimation and Control with Quantized Measurements](#)
- [Everybody's Guide to the Internet](#)
- [Evolutionary Computation:A Unified Approach](#)
- [Evolutionary Programming IV:Proceedings of the Fourth Annual Conference on Evolutionary Programming](#)
- [Evolutionary Robotics:The Biology, Intelligence, and Technology of Self-Organizing Machines](#)
- [Experiments in the Machine Interpretation of Visual Motion](#)
- [Expressive Processing:Digital Fictions, Computer Games, and Software Studies](#)
- [Extrapolation, Interpolation, and Smoothing of Stationary Time Series:With Engineering Applications](#)
- [Faster, Smarter, Greener:The Future of the Car and Urban Mobility](#)
- [Finite State Machines in Hardware:Theory and Design \(with VHDL and SystemVerilog\)](#)
- [Finite-State Language Processing](#)
- [Flash:Building the Interactive Web](#)
- [Flexibility in Engineering Design](#)
- [Flight Vehicle Aerodynamics](#)
- [For Fun and Profit:A History of the Free and Open Source Software Revolution](#)
- [Foundations of Object-Oriented Languages:Types and Semantics](#)
- [Foundations of Robotics:Analysis and Control](#)
- [Free Innovation](#)
- [From Animals to Animats 4:Proceedings of the Fourth International Conference on Simulation of Adaptive Behavior](#)
- [From Animals to Animats 5:Proceedings of the Fifth International Conference on Simulation of Adaptive Behavior](#)
- [From animals to animats 7:Proceedings of the Seventh International Conference on Simulation of Adaptive Behavior](#)
- [From animals to animats 8:Proceedings of the Eighth International Conference on the Simulation of Adaptive Behavior](#)
- [From Animals to Animats:Proceedings of the First International Conference on Simulation of Adaptive Behavior](#)
- [From Gutenberg to the Global Information Infrastructure:Access to Information in the Networked World](#)
- [From Images to Surfaces:A Computational Study of the Human Early Visual System](#)



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [From Logic to Logic Programming](#)
- [From Web to Workplace: Designing Open Hypermedia Systems](#)
- [From X-rays to DNA: How Engineering Drives Biology](#)
- [Functional Differential Geometry](#)
- [Functional Programming for Loosely-Coupled Multiprocessors](#)
- [Fundamentals of Building Energy Dynamics](#)
- [Game Sound: An Introduction to the History, Theory, and Practice of Video Game Music and Sound Design](#)
- [Gaussian Processes for Machine Learning](#)
- [Generating Language-Based Environments](#)
- [Getting Sued and Other Tales of the Engineering Life](#)
- [Girls Coming to Tech!: A History of American Engineering Education for Women](#)
- [Giving Voice: Mobile Communication, Disability, and Inequality](#)
- [Global Biomass Burning: Atmospheric, Climatic, and Biospheric Implications](#)
- [Global Electronic Commerce: Theory and Case Studies](#)
- [Global Networks: Computers and International Communication](#)
- [Globalizing Innovation: State Institutions and Foreign Direct Investment in Emerging Economies](#)
- [Goal-Driven Learning](#)
- [Good Faith Collaboration: The Culture of Wikipedia](#)
- [Good Science: The Ethical Choreography of Stem Cell Research](#)
- [Governing Global Electronic Networks: International Perspectives on Policy and Power](#)
- [GPS](#)
- [Graphical Models for Machine Learning and Digital Communication](#)
- [Graphical Models: Foundations of Neural Computation](#)
- [Great Principles of Computing](#)
- [Group Cognition: Computer Support for Building Collaborative Knowledge](#)
- [HCI Remixed: Reflections on Works That Have Influenced the HCI Community](#)
- [Health Informatics: A Patient-Centered Approach to Diabetes](#)
- [Hermeneutica: Computer-Assisted Interpretation in the Humanities](#)
- [Heterogeneous Agent Systems](#)
- [Heteromation, and Other Stories of Computing and Capitalism](#)
- [High Performance Fortran Handbook](#)
- [High Technology and Low-Income Communities: Prospects for the Positive Use of Advanced Information Technology](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [High-Level Vision:Object Recognition and Visual Cognition](#)
- [High-Tech Society:The Story of the Information Technology Revolution](#)
- [Histories of the Electron:The Birth of Microphysics](#)
- [History and Overview of Solar Heat Technologies](#)
- [How Not to Network a Nation:The Uneasy History of the Soviet Internet](#)
- [How Smart Machines Think](#)
- [How to Build a Person:A Prolegomenon](#)
- [How to Design Programs:An Introduction to Programming and Computing](#)
- [How to Go Digital:Practical Wisdom to Help Drive Your Organization's Digital Transformation](#)
- [Howard Hiatt:How This Extraordinary Mentor Transformed Health with Science and Compassion](#)
- [Human Information Interaction:An Ecological Approach to Information Behavior](#)
- [Human Information Retrieval](#)
- [Human Rights in the Global Information Society](#)
- [Human Robotics:Neuromechanics and Motor Control](#)
- [Humanity Enhanced:Genetic Choice and the Challenge for Liberal Democracies](#)
- [Humour the Computer](#)
- [I Am Error:The Nintendo Family Computer / Entertainment System Platform](#)
- [IBM's 360 and Early 370 Systems](#)
- [Imitation in Animals and Artifacts](#)
- [Imitation of Life:How Biology Is Inspiring Computing](#)
- [Immersed in Technology:Art and Virtual Environments](#)
- [Implementation of Solar Thermal Technology](#)
- [Independent Component Analysis:A Tutorial Introduction](#)
- [In-Depth Understanding:A Computer Model of Integrated Processing for Narrative Comprehension](#)
- [Indexing It All:The Subject in the Age of Documentation, Information, and Data](#)
- [Inductive Logic Programming:From Machine Learning to Software Engineering](#)
- [Information and Intrigue:From Index Cards to Dewey Decimals to Alger Hiss](#)
- [Information and Society](#)
- [Information Politics on the Web](#)
- [Information Technology and People:Designing for the Future](#)
- [Information, Mechanism and Meaning](#)
- [Instruction and Technology:Designs for Everyday Learning](#)



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Intelligence Emerging:Adaptivity and Search in Evolving Neural Systems](#)
- [Intentions in Communication](#)
- [Internal Combustion Engine in Theory and Practice:Combustion, Fuels, Materials, Design](#)
- [Internal-Combustion Engine in Theory and Practice:Thermodynamics, Fluid Flow, Performance](#)
- [Internet Architecture and Innovation](#)
- [Internet Publishing and Beyond:The Economics of Digital Information and Intellectual Property](#)
- [Internet Success:A Study of Open-Source Software Commons](#)
- [Internet Telephony](#)
- [Introduction to Autonomous Mobile Robots](#)
- [Introduction to Fluid Mechanics](#)
- [Introduction to Machine Learning](#)
- [Introduction to Machine Learning](#)
- [Introduction to Statistical Relational Learning](#)
- [Iterative Arrays of Logical Circuits](#)
- [Journey to Data Quality](#)
- [Kernel Methods in Computational Biology](#)
- [Kinetics of High-Temperature Processes](#)
- [Knowledge Machines:Digital Transformations of the Sciences and Humanities](#)
- [Knowledge Representation](#)
- [Knowledge Unbound:Selected Writings on Open Access, 2002--2011](#)
- [Korea's Online Gaming Empire](#)
- [Large-Scale Kernel Machines](#)
- [Layered Learning in Multiagent Systems:A Winning Approach to Robotic Soccer](#)
- [Lazy Functional Languages:Abstract Interpretation and Compilation](#)
- [Leading Open Innovation](#)
- [Learning and Soft Computing:Support Vector Machines, Neural Networks, and Fuzzy Logic Models](#)
- [Learning in Embedded Systems](#)
- [Learning Kernel Classifiers:Theory and Algorithms](#)
- [Learning Machine Translation](#)
- [Learning Mathematics and Logo](#)
- [Learning to Communicate in Science and Engineering:Case Studies from MIT](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Learning with Kernels:Support Vector Machines, Regularization, Optimization, and Beyond](#)
- [Left to Our Own Devices:Outsmarting Smart Technology to Reclaim Our Relationships, Health, and Focus](#)
- [Leonardo's Laptop:Human Needs and the New Computing Technologies](#)
- [Liberating Voices:A Pattern Language for Communication Revolution](#)
- [LISP 1.5 Programmer's Manual](#)
- [Logic and Information Flow](#)
- [Logic in Games](#)
- [Logic Programming and Non-Monotonic Reasoning:Proceedings of the Second International Workshop 1993](#)
- [Logic Programming Languages:Constraints, Functions, and Objects](#)
- [Logic Programming:Proceedings of the 1996 Joint International Conference and Symposium on Logic Programming](#)
- [Logic Programming:Proceedings of the 1999 International Conference on Logic Programming](#)
- [Logic Programming:Proceedings of the Tenth International Conference on Logic Programming June 21-24, 1993, Budapest, Hungary](#)
- [Logic Programming:The 11th International Conference](#)
- [Logic Programming:The 12th International Conference](#)
- [Logic Programming:The 14th International Conference](#)
- [Logic Programming:The 1995 International Symposium](#)
- [Logic Programming:The 1997 International Symposium](#)
- [Logic Testing and Design for Testability](#)
- [Logo for the Macintosh:An Introduction through Object Logo](#)
- [Low-Density Parity-Check Codes](#)
- [Machine Learners:Archaeology of a Data Practice](#)
- [Machine Learning for Data Streams:with Practical Examples in MOA](#)
- [Machine Learning in Non-Stationary Environments:Introduction to Covariate Shift Adaptation](#)
- [Machine Learning:The New AI](#)
- [Machine Models of Music](#)
- [Machine Musicianship](#)
- [Machine Translation](#)
- [Machine Translation:A View from the Lexicon](#)
- [Made-Up Minds:A Constructivist Approach to Artificial Intelligence](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Magnetic Circuits and Transformers:A First Course for Power and Communication Engineers](#)
- [Magnetohydrodynamic Shock Waves](#)
- [Makers of the Microchip:A Documentary History of Fairchild Semiconductor](#)
- [Making Design Theory](#)
- [Making IT Work:A History of the Computer Services Industry](#)
- [Making Use:Scenario-Based Design of Human-Computer Interactions](#)
- [Marine Hydrodynamics](#)
- [Materialized Views:Techniques, Implementations, and Applications](#)
- [Materials Matter:Toward a Sustainable Materials Policy](#)
- [Mechanics of Robotic Manipulation](#)
- [Mechanisms of Implicit Learning:Connectionist Models of Sequence Processing](#)
- [Media Technologies:Essays on Communication, Materiality, and Society](#)
- [Memes in Digital Culture](#)
- [Men, Machines, and Modern Times](#)
- [Metabolism of the Anthroposphere:Analysis, Evaluation, Design](#)
- [Metadyne Statics](#)
- [Metamodeling:A Study of Approximations in Queueing Models](#)
- [Mind and Mechanism](#)
- [Minimalism Beyond the Nurnberg Funnel](#)
- [Mining the Biomedical Literature](#)
- [Minitel>Welcome to the Internet](#)
- [Mismatch:How Inclusion Shapes Design](#)
- [Missed Information:Better Information for Building a Wealthier, More Sustainable Future](#)
- [Mobile Communication and Society:A Global Perspective](#)
- [Modeling and Analysis of Communicating Systems](#)
- [Models of Information Processing in the Basal Ganglia](#)
- [Models of Innovation:The History of an Idea](#)
- [Modern HF Signal Detection and Direction Finding](#)
- [Modernizing America's Electricity Infrastructure](#)
- [MOOCs](#)
- [Mood and Mobility:Navigating the Emotional Spaces of Digital Social Networks](#)
- [Morphology and Computation](#)
- [Moving without a Body:Digital Philosophy and Choreographic Thoughts](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Multiagent Systems:A Modern Approach to Distributed Artificial Intelligence](#)
- [Multicomputer Networks:Message-Based Parallel Processing](#)
- [Music and Connectionism](#)
- [Music and Probability](#)
- [Nanotechnology:Research and Perspectives](#)
- [Nearest-Neighbor Methods in Learning and Vision:Theory and Practice](#)
- [Net Smart:How to Thrive Online](#)
- [NETL:A System for Representing and Using Real-World Knowledge](#)
- [Networked Affect](#)
- [Networked Publics](#)
- [Networked:The New Social Operating System](#)
- [Networking Peripherals:Technological Futures and the Myth of Digital Universalism](#)
- [Networks and States:The Global Politics of Internet Governance](#)
- [Neural Computing Architectures:The Design of Brain-Like Machines](#)
- [Neural Network Design and the Complexity of Learning](#)
- [Neural Network Learning and Expert Systems](#)
- [Neural Networks for Control](#)
- [Neural Networks for Pattern Recognition](#)
- [Neurobiology of Neural Networks](#)
- [New Directions in Statistical Signal Processing:From Systems to Brains](#)
- [New Solutions for Cybersecurity](#)
- [Niche Envy:Marketing Discrimination in the Digital Age](#)
- [Noise in Electron Devices](#)
- [Nonmonotonic Reasoning](#)
- [Norbert Wiener:~::~A Life in Cybernetics:Ex-Prodigy:~::~My Childhood and Youth and~::~I Am a Mathematician:~::~The Later Life of a Prodigy](#)
- [Notes on Analog-Digital Conversion Techniques](#)
- [Numerica:A Modeling Language for Global Optimization](#)
- [Obfuscation:A User's Guide for Privacy and Protest](#)
- [Object-Oriented Programming:The CLOS Perspective](#)
- [Oblivious Network Routing:Algorithms and Applications](#)
- [Off-Track and Online:The Networked Spaces of Horse Racing](#)
- [On Computing:The Fourth Great Scientific Domain](#)
- [Once Upon an Algorithm:How Stories Explain Computing](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Online Stochastic Combinatorial Optimization](#)
- [Open Access](#)
- [Open Space:The Global Effort for Open Access to Environmental Satellite Data](#)
- [Overcrowded:Designing Meaningful Products in a World Awash with Ideas](#)
- [Papers on Digital Signal Processing](#)
- [Parallel Distributed Processing:Explorations in the Microstructure of Cognition: Foundations](#)
- [Parallel Distributed Processing:Explorations in the Microstructure of Cognition: Psychological and Biological Models](#)
- [Parallel MIMD Computation:HEP Supercomputer and Its Applications](#)
- [Participatory IT Design:Designing for Business and Workplace Realities](#)
- [Passive Solar Buildings](#)
- [Patently Contestable:Electrical Technologies and Inventor Identities on Trial in Britain](#)
- [Paul Lauterbur and the Invention of MRI](#)
- [Perceptrons:An Introduction to Computational Geometry](#)
- [Performance Analysis of Data-Sharing Environments](#)
- [Performance and Evaluation of LISP Systems](#)
- [Peripheral Vision:Bell Labs, the S-C 4020, and the Origins of Computer Art](#)
- [Personal, Portable, Pedestrian:Mobile Phones in Japanese Life](#)
- [Perspectives in Space Surveillance](#)
- [Perspectives on Defense Systems Analysis](#)
- [Perspectives on Free and Open Source Software](#)
- [Perturbations, Optimization, and Statistics](#)
- [Phantasmal Media:An Approach to Imagination, Computation, and Expression](#)
- [Philosophy, Technology, and the Environment](#)
- [Plato and the Nerd:The Creative Partnership of Humans and Technology](#)
- [Play Matters](#)
- [Playing Smart:On Games, Intelligence, and Artificial Intelligence](#)
- [Playing with Sound:A Theory of Interacting with Sound and Music in Video Games](#)
- [Poiesis and Enchantment in Topological Matter](#)
- [Portraits In Silicon](#)
- [Positive Computing:Technology for Wellbeing and Human Potential](#)
- [Power Density:A Key to Understanding Energy Sources and Uses](#)
- [Power Generation and Environmental Change](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Power Lines:Electricity in American Life and Letters, 1882--1952](#)
- [Power-System Reliability Calculations](#)
- [Practical Applications of Sparse Modeling](#)
- [Predicting Structured Data](#)
- [Press On:Principles of Interaction Programming](#)
- [Principles of Cyber-Physical Systems](#)
- [Principles of Data Mining](#)
- [Principles of Robot Motion:Theory, Algorithms, and Implementations](#)
- [Privacy on the Ground:Driving Corporate Behavior in the United States and Europe](#)
- [Privacy on the Line:The Politics of Wiretapping and Encryption](#)
- [Processing:A Programming Handbook for Visual Designers and Artists](#)
- [Programmed Inequality:How Britain Discarded Women Technologists and Lost Its Edge in Computing](#)
- [Programming Models for Parallel Computing](#)
- [Project Icarus Systems Engineering](#)
- [Proof, Language, and Interaction:Essays in Honour of Robin Milner](#)
- [Public Access ICT across Cultures:Diversifying Participation in the Network Society](#)
- [PVM:A Users' Guide and Tutorial for Network Parallel Computing](#)
- [Qualitative Methods for Reasoning under Uncertainty](#)
- [Quantified:Biosensing Technologies in Everyday Life](#)
- [Quantum Algorithms via Linear Algebra:A Primer](#)
- [Quantum Computing Without Magic:Devices](#)
- [Quantum Language and the Migration of Scientific Concepts:Quantum Physics, Nuclear Discourse, and the Cultural Migration of Scientific Concepts](#)
- [Racing the Beam:The Atari Video Computer System](#)
- [Reading the Comments:Likers, Haters, and Manipulators at the Bottom of the Web](#)
- [Readings in Machine Translation](#)
- [Reality Mining:Using Big Data to Engineer a Better World](#)
- [Reasoning About Knowledge](#)
- [Reasoning about Rational Agents](#)
- [Reasoning about Uncertainty](#)
- [Reassembling Rubbish:Worlding Electronic Waste](#)
- [Rebel Genius:Warren S. McCulloch's Transdisciplinary Life in Science](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Recoding Gender:Women's Changing Participation in Computing](#)
- [Regulating Code:Good Governance and Better Regulation in the Information Age](#)
- [Regulating the Cloud:Policy for Computing Infrastructure](#)
- [Reinforcement Learning:An Introduction](#)
- [Reinventing the Automobile:Personal Urban Mobility for the 21st Century](#)
- [Renewables:The Politics of a Global Energy Transition](#)
- [Research Directions in Concurrent Object-Oriented Programming](#)
- [Research Misconduct Policy in Biomedicine:Beyond the Bad-Apple Approach](#)
- [Resonant Games:Design Principles for Learning Games that Connect Hearts, Minds, and the Everyday](#)
- [Resource Management in Real-Time Systems and Networks](#)
- [Rethinking Rights and Regulations:Institutional Responses to New Communications Technologies](#)
- [Revolutionizing Innovation:Users, Communities, and Open Innovation](#)
- [Riding the Waves:A Life in Sound, Science, and Industry](#)
- [Robot Ethics:The Ethical and Social Implications of Robotics](#)
- [Robot Futures](#)
- [Robot Rights](#)
- [Robot Sex:Social and Ethical Implications](#)
- [Robotics:Science and Systems III](#)
- [Robotics:Science and Systems IV](#)
- [Robotics:Science and Systems VII](#)
- [Robotics:Science and Systems VIII](#)
- [Robots](#)
- [Rogue Archives:Digital Cultural Memory and Media Fandom](#)
- [Scalable Input/Output:Achieving System Balance](#)
- [Scholarship in the Digital Age:Information, Infrastructure, and the Internet](#)
- [Scientific Collaboration on the Internet](#)
- [Screen Ecologies:Art, Media, and the Environment in the Asia-Pacific Region](#)
- [Self-Tracking](#)
- [Semi-Supervised Learning](#)
- [Service-Oriented Computing](#)
- [Shaping the Network Society:The New Role of Civil Society in Cyberspace](#)
- [Shifting Ground:The Changing Agricultural Soils of China and Indonesia](#)
- [Shifting Practices:Reflections on Technology, Practice, and Innovation](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Signals and Boundaries:Building Blocks for Complex Adaptive Systems](#)
- [Situated Design Methods](#)
- [Social Capital and Information Technology](#)
- [Social Consequences of Internet Use:Access, Involvement, and Interaction](#)
- [Social Media Archeology and Poetics](#)
- [Social Modeling for Requirements Engineering](#)
- [Software Development Failures](#)
- [Software Ecosystem:Understanding an Indispensable Technology and Industry](#)
- [Software Engineering for Internet Applications](#)
- [Solar Resources](#)
- [Solving Problems in Environmental Engineering and Geosciences with Artificial Neural Networks](#)
- [Sonic Interaction Design](#)
- [Spam:A Shadow History of the Internet](#)
- [Speaking Code:Coding as Aesthetic and Political Expression](#)
- [Spinning the Semantic Web:Bringing the World Wide Web to Its Full Potential](#)
- [Spreadsheet Implementation Technology:Basics and Extensions](#)
- [Stability and Robustness of Multivariable Feedback Systems](#)
- [Standards:Recipes for Reality](#)
- [State Variables and Communication Theory](#)
- [Statistical Energy Analysis of Dynamical Systems:Theory and Applications](#)
- [Stochastic Approximation and NonLinear Regression](#)
- [Strategic Negotiation in Multiagent Environments](#)
- [Streaming, Sharing, Stealing:Big Data and the Future of Entertainment](#)
- [STRESS:A Problem-Oriented Computer Language for Structural Engineering](#)
- [Structure and Interpretation of Classical Mechanics](#)
- [Structure and Interpretation of Computer Programs](#)
- [Structures Technology for Large Radio and Radar Telescope Systems](#)
- [Stuck in the Shallow End:Education, Race, and Computing](#)
- [Sunlight to Electricity:Prospects for Solar Energy Conversion by Photovoltaics](#)
- [Super Power, Spooky Bards, and Silverware:The Super Nintendo Entertainment System](#)
- [Synthetic Aesthetics:Investigating Synthetic Biology's Designs on Nature](#)
- [System Modeling in Cellular Biology:From Concepts to Nuts and Bolts](#)
- [System:The Shaping of Modern Knowledge](#)



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Systems That Learn:An Introduction to Learning Theory for Cognitive and Computer Scientists](#)
- [Taken for Grantedness:The Embedding of Mobile Communication into Society](#)
- [Taking \[A\]part:The Politics and Aesthetics of Participation in Experience-Centered Design](#)
- [Tap:Unlocking the Mobile Economy](#)
- [Technologies of Vision:The War Between Data and Images](#)
- [Technology and Social Inclusion:Rethinking the Digital Divide](#)
- [Technology as Experience](#)
- [Tectonic Faults:Agents of Change on a Dynamic Earth](#)
- [Telecommunications Switching Principles](#)
- [Text, ConText, and HyperText:Writing with and for the Computer](#)
- [Texture:Human Expression in the Age of Communications Overload](#)
- [The Acquisition of Syntactic Knowledge](#)
- [The Age of Electroacoustics:Transforming Science and Sound](#)
- [The Age of Electronic Messages](#)
- [The AI Advantage:How to Put the Artificial Intelligence Revolution to Work](#)
- [The AI Business:Commercial Uses of Artificial Intelligence](#)
- [The Analysis and Synthesis of Linear Servomechanisms](#)
- [The Analysis of Feedback Systems](#)
- [The Art of Agent-Oriented Modeling](#)
- [The Art of Causal Conjecture](#)
- [The Art of Insight in Science and Engineering:Mastering Complexity](#)
- [The Atlas of New Librarianship](#)
- [The Comingled Code:Open Source and Economic Development](#)
- [The Computer Age:A Twenty-Year View](#)
- [The Computer Boys Take Over:Computers, Programmers, and the Politics of Technical Expertise](#)
- [The Computer Comes Of Age:The People, the Hardware, and the Software](#)
- [The Configuration Space Method for Kinematic Design of Mechanisms](#)
- [The Continued Exercise of Reason:Public Addresses by George Boole](#)
- [The Death Algorithm and Other Digital Dilemmas](#)
- [The Deep Learning Revolution](#)
- [The Definition of Standard ML](#)
- [The Design of High-Efficiency Turbomachinery and Gas Turbines](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [The Design Way: Intentional Change in an Unpredictable World](#)
- [The Digital Mind: How Science Is Redefining Humanity](#)
- [The Digital Rights Movement: The Role of Technology in Subverting Digital Copyright](#)
- [The Discipline of Organizing](#)
- [The Disruption Dilemma](#)
- [The Elements of Computing Systems: Building a Modern Computer from First Principles](#)
- [The End of Energy: The Unmaking of America's Environment, Security, and Independence](#)
- [The End of Ownership: Personal Property in the Digital Economy](#)
- [The Ethics of Computer Games](#)
- [The First 100 Feet: Options for Internet and Broadband Access](#)
- [The First Computers: History and Architectures](#)
- [The Formal Semantics of Programming Languages: An Introduction](#)
- [The Future](#)
- [The Future of the Automobile: The Report of MIT's International Automobile Program](#)
- [The Future Was Here: The Commodore Amiga](#)
- [The Gameful World: Approaches, Issues, Applications](#)
- [The Geometry of Meaning: Semantics Based on Conceptual Spaces](#)
- [The Globalization of Clean Energy Technology: Lessons from China](#)
- [The Horizons of Evolutionary Robotics](#)
- [The Human Semantic Potential: Spatial Language and Constrained Connectionism](#)
- [The Industrial Practice of Chemical Process Engineering](#)
- [The Information Resources Policy Handbook: Research for the Information Age](#)
- [The Information Technology Revolution](#)
- [The Inner History of Devices](#)
- [The Innovator's Hypothesis: How Cheap Experiments Are Worth More than Good Ideas](#)
- [The Internet and American Business](#)
- [The Internet of Things](#)
- [The Internet Upheaval: Raising Questions, Seeking Answers in Communications Policy](#)
- [The Interpretation of Visual Motion](#)
- [The Inversion Factor: How to Thrive in the IoT Economy](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [The Little Prover](#)
- [The LOCUS Distributed System Architecture](#)
- [The Logic of Knowledge Bases](#)
- [The Machine Question:Critical Perspectives on AI, Robots, and Ethics](#)
- [The Man Who Saw Tomorrow:The Life and Inventions of Stanford R. Ovshinsky](#)
- [The Massively Parallel Processor](#)
- [The Materiality of Interaction:Notes on the Materials of Interaction Design](#)
- [The Mechanical Mind in History](#)
- [The Metainterface:The Art of Platforms, Cities, and Clouds](#)
- [The Microelectronics Revolution](#)
- [The Minimum Description Length Principle](#)
- [The MIT Guide to Science and Engineering Communication](#)
- [The More We Know:NBC News, Educational Innovation, and Learning from Failure](#)
- [The Network Nation:Human Communication via Computer](#)
- [The New Librarianship Field Guide](#)
- [The News Gap:When the Information Preferences of the Media and the Public Diverge](#)
- [The Outer Limits of Reason:What Science, Mathematics, and Logic Cannot Tell Us](#)
- [The Outsourcer:The Story of India's IT Revolution](#)
- [The Power Brokers:The Struggle to Shape and Control the Electric Power Industry](#)
- [The Practice of Prolog](#)
- [The Principles of Switching Circuits](#)
- [The Privacy Advocates:Resisting the Spread of Surveillance](#)
- [The Problem With Software:Why Smart Engineers Write Bad Code](#)
- [The Rapid Evaluation of Potential Fields in Particle Systems](#)
- [The Rationality Quotient:Toward a Test of Rational Thinking](#)
- [The Reasoned Schemer](#)
- [The Reputation Society:How Online Opinions Are Reshaping the Offline World](#)
- [The Robotics Primer](#)
- [The Sciences of the Artificial](#)
- [The Second Self:Computers and the Human Spirit](#)
- [The Sharing Economy:The End of Employment and the Rise of Crowd-Based Capitalism](#)



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [The Soar Cognitive Architecture](#)
- [The Social Machine: Designs for Living Online](#)
- [The Strategic Management of Large Engineering Projects: Shaping Institutions, Risks, and Governance](#)
- [The Stuff of Bits: An Essay on the Materialities of Information](#)
- [The Systemic Image: A New Theory of Interactive Real-Time Simulations](#)
- [The Technological Singularity](#)
- [The Technology of Nonviolence: Social Media and Violence Prevention](#)
- [The Theory of Turbulent Jets](#)
- [The Turing Test: Verbal Behavior as the Hallmark of Intelligence](#)
- [The Voice in the Machine: Building Computers That Understand Speech](#)
- [The War on Learning: Gaining Ground in the Digital University](#)
- [The Well-Played Game: A Player's Philosophy](#)
- [The Wired Homestead: An MIT Press Sourcebook on the Internet and the Family](#)
- [Thermodynamics for Chemical Engineers](#)
- [Things That Keep Us Busy: The Elements of Interaction](#)
- [This Is Why We Can't Have Nice Things: Mapping the Relationship between Online Trolling and Mainstream Culture](#)
- [Thoughtful Interaction Design: A Design Perspective on Information Technology](#)
- [Tomorrow's Energy: Hydrogen, Fuel Cells, and the Prospects for a Cleaner Planet](#)
- [Toward Brain-Computer Interfacing](#)
- [Trace Theory for Automatic Hierarchical Verification of Speed-Independent Circuits](#)
- [Tracing Genres through Organizations: A Sociocultural Approach to Information Design](#)
- [Transforming Enterprise: The Economic and Social Implications of Information Technology](#)
- [Transforming Global Information and Communication Markets: The Political Economy of Innovation](#)
- [Transient Workspaces: Technologies of Everyday Innovation in Zimbabwe](#)
- [Transportation in a Climate-Constrained World](#)
- [Turing \(A Novel about Computation\)](#)
- [Turing's Vision: The Birth of Computer Science](#)
- [Twitterbots: Making Machines that Make Meaning](#)
- [Types and Programming Languages](#)
- [Ultrawideband Phased Array Antenna Technology for Sensing and Communications Systems](#)

LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Uncertainty in Games](#)
- [Understanding Intelligence](#)
- [Understanding Knowledge as a Commons:From Theory to Practice](#)
- [Unlocking Energy Innovation:How America Can Build a Low-Cost, Low-Carbon Energy System](#)
- [Unmanned Systems of World Wars I and II](#)
- [Updating to Remain the Same:Habitual New Media](#)
- [Urban Air Pollution Modeling](#)
- [Using Advanced MPI:Modern Features of the Message-Passing Interface](#)
- [Using Computers:Human Factors in Information Systems](#)
- [Using Hard Problems to Create Pseudorandom Generators](#)
- [Using MPI:Portable Parallel Programming with the Message Passing Interface](#)
- [Using MPI:Portable Parallel Programming with the Message-Passing Interface](#)
- [Using OpenMP -- The Next Step:Affinity, Accelerators, Tasking, and SIMD](#)
- [Using OpenMP:Portable Shared Memory Parallel Programming](#)
- [Values at Play in Digital Games](#)
- [Video Game Spaces:Image, Play, and Structure in 3D Worlds](#)
- [Virtual Knowledge:Experimenting in the Humanities and the Social Sciences](#)
- [Virtual Music:Computer Synthesis of Musical Style](#)
- [Virtualpolitik:An Electronic History of Government Media-Making in a Time of War, Scandal, Disaster, Miscommunication, and Mistakes](#)
- [Visual Reconstruction](#)
- [Voicetracks:Attuning to Voice in Media and the Arts](#)
- [Vulnerability in Technological Cultures:New Directions in Research and Governance](#)
- [Warren's Abstract Machine:A Tutorial Reconstruction](#)
- [Waves and Forms:Electronic Music Devices and Computer Encodings in China](#)
- [Weaving the Dark Web:Legitimacy on Freenet, Tor, and I2P](#)
- [Web Campaigning](#)
- [What Algorithms Want:Imagination in the Age of Computing](#)
- [What Do Science, Technology, and Innovation Mean from Africa?](#)
- [What the Digital Future Holds:20 Groundbreaking Essays on How Technology Is Reshaping the Practice of Management](#)
- [Where the Action Is:The Foundations of Embodied Interaction](#)
- [Who's Asking?:Native Science, Western Science, and Science Education](#)
- [Wired for Innovation:How Information Technology Is Reshaping the Economy](#)



LIST OF NEW BOOKS ADDED TO LIBRARY COLLECTION DURING FEBRUARY 2019

- [Wireless:From Marconi's Black-Box to the Audion](#)
- [Wirelessness:Radical Empiricism in Network Cultures](#)
- [Women and Information Technology:Research on Underrepresentation](#)
- [WordNet:An Electronic Lexical Database](#)
- [Workflow Patterns:The Definitive Guide](#)
- [Working on Mars:Voyages of Scientific Discovery with the Mars Exploration Rovers](#)
- [Working-Class Network Society:Communication Technology and the Information Have-Less in Urban China](#)
- [You'll see this message when it is too late:The Legal and Economic Aftermath of Cybersecurity Breaches](#)