

I On40 Alarme Anti Intrusion Radio I On40

Cloud Computing: Theory and Practice provides students and IT professionals with an in-depth analysis of the cloud from the ground up. Beginning with a discussion of parallel computing and architectures and distributed systems, the book turns to contemporary cloud infrastructures, how they are being deployed at leading companies such as Amazon, Google and Apple, and how they can be applied in fields such as healthcare, banking and science. The volume also examines how to successfully deploy a cloud application across the enterprise using virtualization, resource management and the right amount of networking support, including content delivery networks and storage area networks. Developers will find a complete introduction to application development provided on a variety of platforms. Learn about recent trends in cloud computing in critical areas such as: resource management, security, energy consumption, ethics, and complex systems Get a detailed hands-on set of practical recipes that help simplify the deployment of a cloud based system for practical use of computing clouds along with an in-depth discussion of several projects Understand the evolution of cloud computing and why the cloud computing paradigm has a better chance to succeed than previous efforts in large-scale distributed computing

From the palace hotels of the elite to cheap lodging houses, residential hotels have been an element of American urban life for nearly two hundred years. Since 1870, however, they have been the target of an official war led by people whose concept of home does not include the hotel. Do these residences constitute an essential housing resource, or are they, as charged, a public nuisance? Living Downtown, the first comprehensive social and cultural history of life in American residential hotels, adds a much-needed historical perspective to this ongoing debate. Creatively combining evidence from biographies, buildings and urban neighborhoods, workplace records, and housing policies, Paul Groth provides a definitive analysis of life in four price-differentiated types of downtown residence. He demonstrates that these hotels have played a valuable socioeconomic role as home to both long-term residents and temporary laborers. Also, the convenience of hotels has made them the residence of choice for a surprising number of Americans, from hobo author Boxcar Bertha to Calvin Coolidge. Groth examines the social and cultural objections to hotel households and the increasing efforts to eliminate them, which have led to the seemingly irrational destruction of millions of such housing units since 1960. He argues convincingly that these efforts have been a leading contributor to urban homelessness. This highly original and timely work aims to expand the concept of the American home and to recast accepted notions about the relationships among urban life, architecture, and the public management of residential environments.

The activity of neurons in the brain is noisy in that the neuronal firing times are random for a given mean rate. The Noisy Brain shows that this is fundamental to understanding many aspects of brain function, including probabilistic decision-making, perception, memory recall, short-term memory, attention, and even creativity. There are many applications too of this understanding, to for example memory and attentional disorders, aging, schizophrenia, and obsessive-compulsive disorder.

Motivation for the Book This book seeks to establish the state of the art in the cyber situational awareness area and to set the course for future research. A multidisciplinary group of leading researchers from cyber security, cognitive science, and decision science areas elaborate on the fundamental challenges facing the research community and identify promising solution paths. Today, when a security incident occurs, the top three questions security administrators would ask are in essence: What has happened? Why did it happen? What should I do? Answers to the first two questions form the core of Cyber Situational Awareness. Whether the last question can be satisfactorily answered is greatly dependent upon the cyber situational awareness capability of an enterprise. A variety of computer and network security research topics (especially some systems security topics) belong to or touch the scope of Cyber Situational Awareness. However, the Cyber Situational Awareness capability of an enterprise is still very limited for several reasons: • Inaccurate and incomplete vulnerability analysis, intrusion detection, and forensics. • Lack of capability to monitor certain microscopic system/attack behavior. • Limited capability to transform/fuse/distill information into cyber intelligence. • Limited capability to handle uncertainty. • Existing system designs are not very “friendly” to Cyber Situational Awareness.

Brian Eno's Diary

Platforms, Content Moderation, and the Hidden Decisions That Shape Social Media

Proceedings of CCODE 2019

Cyber Situational Awareness

The Impossible State

Stochastic Dynamics as a Principle of Brain Function

OpenStack Operations Guide

Why we do what we do is a matter of great interest to everyone, and everyone seems to have had their say about it – philosophers, sociologists, anthropologists, psychologists, economists, and historians perhaps the most, case by case. Occasionally the specialists have offered their ideas to a general readership, but mostly they prefer to speak to and with their fellows in their particular disciplines. To evaluate and compare their findings in a cross-disciplinary way is now for the first time attempted, by Ramsay MacMullen. Emeritus history professor from Yale University, he is the recipient of various academic awards, including a lifetime Award for Scholarly Distinction from the American Historical Association

This book gathers papers addressing state-of-the-art research in the areas of machine learning and predictive analysis, presented virtually at the Fourth International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2020), India. It covers topics such as

intelligent agent and multi-agent systems in various domains, machine learning, intelligent information retrieval and business intelligence, intelligent information system development using design science principles, intelligent web mining and knowledge discovery systems.

This book is a printed edition of the Special Issue "Real-Time Embedded Systems" that was published in Electronics

Trusting a computer for a security-sensitive task (such as checking email or banking online) requires the user to know something about the computer's state. We examine research on securely capturing a computer's state, and consider the utility of this information both for improving security on the local computer (e.g., to convince the user that her computer is not infected with malware) and for communicating a remote computer's state (e.g., to enable the user to check that a web server will adequately protect her data). Although the recent "Trusted Computing" initiative has drawn both positive and negative attention to this area, we consider the older and broader topic of bootstrapping trust in a computer. We cover issues ranging from the wide collection of secure hardware that can serve as a foundation for trust, to the usability issues that arise when trying to convey computer state information to humans. This approach unifies disparate research efforts and highlights opportunities for additional work that can guide real-world improvements in computer security.

The History of Residential Hotels in the United States

Theory and Practice

Multi-disciplinary Trends in Artificial Intelligence

Social Investigations and Print Culture in Nineteenth-Century Britain and the United States

Governing Cyberspace

Guidance for Nine Minimum Controls

OZONE

Provides a key textbook on the nature of international and transnational crimes and the delivery of justice for crime control and prevention. The manufacturing industry will reap significant benefits from encouraging the development of digital manufacturing science and technology.

Digital Manufacturing Science uses theorems, illustrations and tables to introduce the definition, theory architecture, main content, and key technologies of digital manufacturing science. Readers will be able to develop an in-depth understanding of the emergence and the development, the theoretical background, and the techniques and methods of digital manufacturing science. Furthermore, they will also be able to use the basic theories and key technologies described in Digital Manufacturing Science to solve practical engineering problems in modern manufacturing processes. Digital Manufacturing Science is aimed at advanced undergraduate and postgraduate students, academic researchers and researchers in the manufacturing industry. It allows readers to integrate the theories and technologies described with their own research works, and to propose new ideas and new methods to improve the theory and application of digital manufacturing science.

From the publisher: Provides a comprehensive history of the more than 120 African Americans who have served in the United States Congress.

Written for a general audience, this book contains a profile of each African-American Member, including notables such as Hiram Revels, Joseph Rainey, Oscar De Priest, Adam Clayton Powell, Shirley Chisholm, Gus Hawkins, and Barbara Jordan. Individual profiles are introduced by contextual essays that explain major events in congressional and U.S. history. Illustrated with many portraits, photographs, and charts.

Sleep disorders cause considerable morbidity and distress in the aging population. By highlighting the clinical diagnosis and management of sleep disorders, this volume provides a valuable resource for all those involved in health care of older individuals. The changes in sleep patterns that occur during normal aging are described, followed by authoritative chapters on the presentation of various age-related sleep disorders. The book deals with the range of therapeutic measures available for managing these disorders and gives insight to potential areas of research that have emerged in the last few years, such as the study of circadian rhythms in later life, sleep patterns associated with comorbidities and the use of quality-of-life measurement tools to determine sleep quality as we age. This volume is relevant to sleep disorders specialists, psychiatrists, geriatricians and gerontologists, and any professionals and researchers working in the interdisciplinary areas of sleep and aging.

Applied Security Visualization

Principles and Practice of Geriatric Sleep Medicine

Men, Women and Rape

Combined Sewer Overflows

The Noisy Brain

Scientific Babel

The Definitive Handbook of Business Continuity Management

Oxygen-Ozone therapy is a complementary approach less known than homeopathy and acupuncture because it has come of age only three decades ago. This book clarifies

that, in the often nebulous field of natural medicine, the biological bases of ozone therapy are totally in line with classical biochemistry, physiological and pharmacological knowledge. Ozone is an oxidizing molecule, a sort of super active oxygen, which, by reacting with blood components generates a number of chemical messengers responsible for activating crucial biological functions such as oxygen delivery, immune activation, release of hormones and induction of antioxidant enzymes, which is an exceptional property for correcting the chronic oxidative stress present in atherosclerosis, diabetes and cancer. Moreover, by inducing nitric oxide synthase, ozone therapy may mobilize endogenous stem cells, which will promote regeneration of ischemic tissues. The description of these phenomena offers the first comprehensive picture for understanding how ozone works and why. When properly used as a real drug within therapeutic range, ozone therapy does not only does not procure adverse effects but yields a feeling of wellness. Half the book describes the value of ozone treatment in several diseases, particularly cutaneous infection and vascular diseases where ozone really behaves as a “ wonder drug ” . The book has been written for clinical researchers, physicians and ozone therapists, but also for the layman or the patient interested in this therapy.

Harness new techniques that let you see what is happening on your networks and take decisive action without getting lost in a sea of data.

Oz Frankel explores the nineteenth-century roots of the modern "information state," especially the roles of investigative projects and official reports in embedding the state in print culture and refashioning the politics of representation.

This glossary provides a central resource of definitions most commonly used in Nat. Institute of Standards and Technology (NIST) information security publications and in the Committee for National Security Systems (CNSS) information assurance publications. Each entry in the glossary points to one or more source NIST publications, and/or CNSSI-4009, and/or supplemental sources where appropriate. This is a print on demand edition of an important, hard-to-find publication.

A Year with Swollen Appendices

Real-Time Embedded Systems

Proceedings of ICTIS 2020

States of Inquiry

Islam, Politics, and Modernity's Moral Predicament

The Science for Recovering the Health of the Chesapeake Bay and its People

Against Our Will

With a pedigree going back over ten years, The Definitive Handbook of Business Continuity Management can rightly claim to be a classic guide to business risk management and contingency planning, with a style that makes it accessible to all business managers. Some of the original underlying principles remain the same – but much has changed. This is reflected in this radically updated third edition, with exciting and helpful new content from new and innovative contributors and new case studies bringing the book right up to the minute. This book combines over 500 years of experience from leading Business Continuity experts of many countries. It is presented in an easy-to-follow format, explaining in detail the core BC activities incorporated in BS 25999, Business Continuity Guidelines, BS 25777 IT Disaster Recovery and other standards and in the body of knowledge common to the key business continuity institutes. Contributors from America, Asia Pacific, Europe, China, India and the Middle East provide a truly global perspective, bringing their own insights and approaches to the subject, sharing best practice from the four corners of the world. We explore and summarize the latest legislation, guidelines and standards impacting BC planning and management and explain their impact. The structured format, with many revealing case studies, examples and checklists, provides a clear roadmap, simplifying and de-mystifying business continuity processes for those new to its disciplines and providing a benchmark of current best practice for those more experienced practitioners. This book makes a massive contribution to the knowledge base of BC and risk management. It is essential reading for all business continuity, risk managers and auditors: none should be without it.

A revealing and gripping investigation into how social media platforms police what we post online—and the large societal impact of these decisions. Most users want their Twitter feed, Facebook page, and YouTube comments to be free of harassment and porn. Whether faced with “ fake news ” or livestreamed violence, “ content moderators ” —who censor or promote user † ‘ posted content—have never been more important. This is especially true when the tools that social media platforms use to curb trolling, ban hate speech, and censor pornography can also silence the speech you need to hear. In this revealing and nuanced exploration, award † ‘ winning sociologist and cultural observer Tarleton Gillespie provides an overview of current social media practices and explains the underlying rationales for how, when, and why these policies are enforced. In doing so, Gillespie highlights that content moderation receives too little public scrutiny even as it shapes social norms and creates consequences for public discourse, cultural production, and the fabric of society. Based on interviews with content moderators, creators, and consumers, this accessible, timely book is a must † ‘ read for anyone who ’ s ever clicked “ like ” or “ retweet. ”

The book gathers papers addressing state-of-the-art research in all areas of Information and Communication Technologies and their applications in intelligent computing, cloud storage, data mining and software analysis. It presents the outcomes of the third International Conference on Information and Communication Technology for Intelligent Systems, which was held on April 6 – 7, 2018, in Ahmedabad, India. Divided into two volumes, the book discusses the fundamentals of various data analytics and algorithms, making it a valuable resource for researchers ’ future studies.

This book gathers selected papers presented at the 2nd International Conference on Computing, Communications and Data Engineering, held at Sri Padmavati Mahila Visvavidyalayam, Tirupati, India from 1 to 2 Feb 2019. Chiefly discussing major issues and challenges in data engineering systems and computer communications, the topics covered include wireless systems and IoT, machine learning, optimization, control, statistics, and social computing.

Principles, Patterns, Methods and Applications

International and Transnational Crime and Justice

Certified Ethical Hacker (CEH) Foundation Guide

Individual Sewage-disposal Systems

The Awakening of China

Promoting Constructive Vigilance

Soundscape Ecology represents a new branch of ecology and it is the result of the integration of different disciplines like Landscape ecology, Bioacoustics, Acoustic ecology, Biosemiotics, etc. The object of this discipline, is defined as the acoustic context resulting from natural and human originated sounds and it is considered a relevant environmental proxy for animal and human life. Ecology Almo Farina means to offer a new cultural tool to investigate a partially explored component of the environmental complexity. For this he intends to set the principles of this new disciplinary epistemic domain in which to develop new ideas and theories and to describe the necessary integration with all the other ecological/environmental disciplines. The book is organized in ten chapters. Chapters delineate principles and theory of soundscape ecology. Chapters three and four describe the bioacoustic and communication theories. Chapter five is devoted to the human dimension of soundscape ecology. Chapters six to eight regard the major sonic patterns like noise, choruses and vibrations. Chapter nine is devoted to the methods in soundscape ecology and finally chapter ten describes the application of soundscape analysis.

For many children much of the time their experience in classrooms can be rather dull, and yet the world the school is supposed to initiate children into is full of wonder. This book offers a rich understanding of the nature and roles of wonder in general and provides multiple suggestions for how to revive wonder in adults (teachers and curriculum makers) and how to keep it alive in children. Its aim is to show how education needs to take seriously the task of evoking wonder about the content of the curriculum and to show how this can routinely be done in everyday classrooms. The authors do not wax poetic but make strong arguments based on either research or precisely described experience, and demonstrate how this argument can be seen to work itself out in daily practice. The emphasis is not on ways of teaching that might require virtuoso teaching, but rather on how wonder can be evoked about the everyday features of the math or science or social studies curriculum in regular classrooms.

Includes memorandum from Michael B. Cook.

Susan Brownmiller's groundbreaking bestseller uncovers the culture of violence against women with a devastating exploration of the history of rape—now with a new preface by the author exposing the undercurrents of rape still present today. Rape, as author Susan Brownmiller proves in her startling and important book, is not about sex but about power, fear, and subjugation. For thousands of years, rape has been viewed as an acceptable "spoil of war," used as a weapon by invading armies to crush the will of the conquered. The act of rape against women has long been cloaked in lies and false justifications, tolerated, even encouraged by governments and military leaders, misunderstood by police and security organizations, freely employed by domineering husbands and lovers, downplayed by medical professionals more inclined to "blame the victim," and, perhaps most shockingly, accepted in supposedly civilized societies worldwide, including the United States. Against Our Will is a classic work widely credited with changing prevailing attitudes about violence against women by awakening the public to the true and continuing tragedy of rape around the globe and throughout the ages. Selected by the New York Times Book Review as an Outstanding Book of the Year and included among the New York Public Library's Books of the Century, Against Our Will remains an essential work of sociological and historical importance.

Proceedings of ICTIS 2018, Volume 2

Machine Learning for Predictive Analysis

Cloud Computing

Soundscape Ecology

Information and Communication Technology for Intelligent Systems

Diet for a Sustainable Ecosystem

Custodians of the Internet

Wael B. Hallaq boldly argues that the "Islamic state," judged by any standard definition of what the modern state represents, is both impossible and inherently self-contradictory. Comparing the legal, political, moral, and constitutional histories of premodern Islam and Euro-America, he finds the adoption and practice of the modern state to be highly problematic for modern Muslims. He also critiques more expansively modernity's moral predicament, which renders impossible any project resting solely on ethical foundations. The modern state not only suffers from serious legal, political, and constitutional issues, Hallaq argues, but also, by its very nature, fashions a subject inconsistent with what it means to be, or to live as, a Muslim. By Islamic standards, the state's technologies of the self are severely lacking in moral substance, and today's Islamic state, as Hallaq shows, has done little to advance an acceptable form of genuine Shari'a governance. The Islamists' constitutional battles in Egypt and Pakistan, the Islamic legal and political failures of the Iranian Revolution, and similar disappointments underscore this fact. Nevertheless, the state remains the favored template of the Islamists and the ulama (Muslim clergymen). Providing Muslims with a path toward realizing the good life, Hallaq turns to the rich moral resources of Islamic history. Along the way, he proves political and other "crises of Islam" are not unique to the Islamic world nor to the Muslim religion. These crises are integral to the modern condition of both East and West, and by acknowledging these parallels, Muslims can engage more productively with their Western counterparts.

This book constitutes the refereed conference proceedings of the 10th International Conference on Multi-disciplinary Trends in Artificial Intelligence, MIWAI 2016, held in Chiang Mai, Thailand, in December 2016. The 22 revised full papers presented together with 5 short papers and 2 abstracts of invited talks were carefully reviewed and selected from 50 submissions. The workshop solicits papers from all areas of AI including cognitive science; computational intelligence; computational philosophy; game theory; machine learning; multi-agent systems; natural language; representation and reasoning; speech; vision and the web; as well as applications of AI in big data; bioinformatics; biometrics; decision support; e-commerce; image processing; analysis and retrieval; industrial applications; knowledge management; privacy; recommender systems; security; software engineering; spam filtering; surveillance; telecommunications; and web services. While Americans are generally aware of China's ambitions as a global economic and military superpower, few understand just how deeply and assertively that country has already sought to influence American society. As the authors of this volume write, it is time for a wake-up call. In documenting the extent of Beijing's expanding influence operations inside the United States,

they aim to raise awareness of China's efforts to penetrate and sway a range of American institutions: state and local governments, academic institutions, think tanks, media, and businesses. And they highlight other aspects of the propagandistic "discourse war" waged by the Chinese government and Communist Party leaders that are less expected and more alarming, such as their view of Chinese Americans as members of a worldwide Chinese diaspora that owes undefined allegiance to the so-called Motherland. Featuring ideas and policy proposals from leading China specialists, *China's Influence and American Interests* argues that a successful future relationship requires a rebalancing toward greater transparency, reciprocity, and fairness.

Throughout, the authors also strongly state the importance of avoiding casting aspersions on Chinese and on Chinese Americans, who constitute a vital portion of American society. But if the United States is to fare well in this increasingly adversarial relationship with China, Americans must have a far better sense of that country's ambitions and methods than they do now.

Design, deploy, and maintain your own private or public Infrastructure as a Service (IaaS), using the open source OpenStack platform. In this practical guide, experienced developers and OpenStack contributors show you how to build clouds based on reference architectures, as well as how to perform daily administration tasks. Designed for horizontal scalability, OpenStack lets you build a cloud by integrating several technologies. This approach provides flexibility, but knowing which options to use can be bewildering. Once you complete this book, you'll know the right questions to ask while you organize compute, storage, and networking resources. If you already know how to manage multiple Ubuntu machines and maintain MySQL, you're ready to:

Set up automated deployment and configuration
Design a single-node cloud controller
Use metrics to improve scalability
Explore compute nodes, network design, and storage
Install OpenStack packages
Use an example architecture to help simplify decision-making
Build a working environment to explore an IaaS cloud
Manage users, projects, and quotas
Tackle maintenance, debugging, and network troubleshooting
Monitor, log, backup, and restore

Living Downtown

Wonder-Full Education

Conservation Biology

Security Self-assessment Guide for Information Technology System

Penetrating the Secret World of Today's Advanced Technology Conflict

Private Security

Bootstrapping Trust in Modern Computers

Prepare for the CEH training course and exam by gaining a solid foundation of knowledge of key fundamentals such as operating systems, databases, networking, programming, cloud, and virtualization. Based on this foundation, the book moves ahead with simple concepts from the hacking world. The Certified Ethical Hacker (CEH) Foundation Guide also takes you through various career paths available upon completion of the CEH course and also prepares you to face job interviews when applying as an ethical hacker. The book explains the concepts with the help of practical real-world scenarios and examples. You'll also work with hands-on exercises at the end of each chapter to get a feel of the subject. Thus this book would be a valuable resource to any individual planning to prepare for the CEH certification course. What You Will Learn Gain the basics of hacking (apps, wireless devices, and mobile platforms) Discover useful aspects of databases and operating systems from a hacking perspective Develop sharper programming and networking skills for the exam Explore the penetration testing life cycle Bypass security appliances like IDS, IPS, and honeypots Grasp the key concepts of cryptography Discover the career paths available after certification Revise key interview questions for a certified ethical hacker Who This Book Is For Beginners in the field of ethical hacking and information security, particularly those who are interested in the CEH course and certification.

This book explores a specific ecosystem in depth, in order to weave a story built on place and history. It incorporates the theme of a journey to help reveal the environment-human-health-food system-problem. While drawing on a historical approach stretching back to the American colonial era, it also incorporates more contemporary scientific findings. By crafting its story around a specific place, the book makes it easier for readers to relate to the content, and to subsequently use what they learn to better understand the role of food systems at the global scale.

The diary and essays of Brian Eno republished twenty-five years on with a new introduction by the artist in a beautiful hardback edition. 'A cranium tour of one of the most creative minds of our age . . . [Eno] delivers razor-sharp commentary with devilish snarkiness and brutal honesty.' *Wired* At the end of 1994, Brian Eno resolved to keep a diary. His plans to go to the cinema, theatre and galleries fell quickly to the wayside. What he did do - and write - however, was astonishing: ruminations on his collaborative work with David Bowie, U2, James and Jah Wobble, interspersed with correspondence and essays dating back to 1978. These 'appendices' covered topics from the generative and ambient music Eno pioneered to what he believed the role of an artist and their art to be, alongside adroit commentary on quotidian tribulations and happenings around the world. An intimate insight into one of the most influential creative artists of our time, *A Year with Swollen Appendices* is an essential classic.

Fred Van Dyke's new textbook, *Conservation Biology: Foundations, Concepts, Applications*, 2nd Edition, represents a major new text for anyone interested in conservation. Drawing on his vast experience, Van Dyke's organizational clarity and readable style make this book an invaluable resource for students in conservation around the globe. Presenting key information and well-selected examples, this student-friendly volume carefully integrates the science of conservation biology with its implications for ethics, law, policy and economics.

Motivation in History and the Social Sciences

Why Do We Do What We Do?

Set Up and Manage Your OpenStack Cloud

Behavior, Power and Diplomacy

Emerging Research in Data Engineering Systems and Computer Communications

Creating the Productive Workplace

Report of the Task Force on Private Security

Cyber norms and other ways to regulate responsible state behavior in cyberspace is a fast-moving political and diplomatic field. The academic study of these processes is varied and interdisciplinary, but much of the literature has been organized according to discipline. Seeking to cross disciplinary boundaries, this timely book brings together researchers in fields ranging from international law, international relations, and political science to business studies and philosophy to explore the theme of responsible state behavior in cyberspace. . Divided into three parts,

Governing Cyberspace first looks at current debates in and about international law and diplomacy in cyberspace. How does international law regulate state behaviour and what are its limits? How do cyber superpowers like China and Russia shape their foreign policy in relation to cyberspace? The second focuses on power and governance. What is the role for international organisations like NATO or for substate actors like intelligence agencies? How do they adapt to the realities of cyberspace and digital conflict? How does the classic balance of power play out in cyberspace and how do different states position themselves? The third part takes a critical look at multistakeholder and corporate diplomacy. How do global tech companies shape their role as norm entrepreneurs in cyberspace, and how do their cyber diplomatic efforts relate to their corporate identity?

A new edition of a classic title, featuring updated and additional material to reflect today's competitive work environments, contributed by a team of international experts. Essential for anyone involved in the design, management and use of work places, this is a critical multidisciplinary review of the factors affecting productivity, as well a practical solutions manual for common problems and issues.

China's Influence and American Interests Promoting Constructive Vigilance Hoover Press

*English is the language of science today. No matter which languages you know, if you want your work seen, studied, and cited, you need to publish in English. But that hasn't always been the case. Though there was a time when Latin dominated the field, for centuries science has been a polyglot enterprise, conducted in a number of languages whose importance waxed and waned over time—until the rise of English in the twentieth century. So how did we get from there to here? How did French, German, Latin, Russian, and even Esperanto give way to English? And what can we reconstruct of the experience of doing science in the polyglot past? With *Scientific Babel*, Michael D. Gordin resurrects that lost world, in part through an ingenious mechanism: the pages of his highly readable narrative account teem with footnotes—not offering background information, but presenting quoted material in its original language. The result is stunning: as we read about the rise and fall of languages, driven by politics, war, economics, and institutions, we actually see it happen in the ever-changing web of multilingual examples. The history of science, and of English as its dominant language, comes to life, and brings with it a new understanding not only of the frictions generated by a scientific community that spoke in many often mutually unintelligible voices, but also of the possibilities of the polyglot, and the losses that the dominance of English entails. Few historians of science write as well as Gordin, and *Scientific Babel* reveals his incredible command of the literature, language, and intellectual essence of science past and present. No reader who takes this linguistic journey with him will be disappointed.*

Foundations, Concepts, Applications

Fundamentals of Digital Manufacturing Science

Issues and Research

10th International Workshop, MIWAI 2016, Chiang Mai, Thailand, December 7-9, 2016, Proceedings

How Science Was Done Before and After Global English

Black Americans in Congress, 1870-2007

China's Influence and American Interests