Our day-to-day experiences over the past decade have taught us that there must be limits to our tremendous appetite for energy, natural resources, and consumer goods. Even utility and oil companies now promote conservation in the face of demands for dwindling energy reserves. And for years some biologists have
warned us of the direct correlation between scarcity and population growth. These scientists see an appalling future riding the tidal wave of a worldwide growth of population and technology. A calm but unflinching realist, Catton suggests that we cannot stop this wave – for we have already overshot the Earth's capacity to support so huge a load. He contradicts those scientists, engineers, and technocrats who continue to write optimistically about energy alternatives. Catton asserts that the technological panaceas proposed by those who would harvest from the seas, harness the winds, and farm the deserts are ignoring the fundamental premise that "the principals of ecology apply to all living things." These principles tell us that, within a finite system, economic expansion is not irreversible and population growth cannot continue indefinitely. If we disregard these facts, our sagging American Dream will soon shatter completely. A large part of academic literature, business literature as well as practices in real life are resting on the assumption that uncertainty and risk does not exist. We all know that this is not true, yet, a whole variety of methods, tools and practices are not attuned to the fact that the future is uncertain and that risks are all around us. However, despite risk management entering the agenda some decades ago, it has introduced risks on its own as illustrated by the financial crisis. Here is a book that goes beyond risk management as it is today and tries to discuss what needs to be improved further. The book also offers some cases. For courses in Graduate MIS, Decision Support Systems, and courses covering the principles of enterprise resource planning systems. This text takes a generic approach to enterprise resource planning systems and their interrelationships, covering all functional areas of this new type of management challenge. It discusses the re-design of business processes, changes in organizational structure, and effective management strategies that will help assure competitiveness,
responsiveness, productivity, and global impact for many organizations in the years ahead. An examination of the pros and cons of ERP systems and their role in e-commerce. Completely revised and updated, ERP: Tools, Techniques, and Applications for Integrating the Supply Chain, Second Edition describes, from the perspective of a business manager, concepts and tools for enterprise planning, management, and execution. The text is written in an easy-to-read format, with many real examples from a variety of industries. This easy-to-read book prepares engineers to fulfill their managerial responsibilities, acquire useful business perspectives, and take on the much-needed leadership roles to meet the challenges in the new millennium. The book is organized in three parts: Part I reviews the basic functions of engineering management; Part II provides backgrounds in cost accounting, financial analysis, financial management and marketing management; and Part III readies the reader for exercising leadership in managing technologies through discussions related to engineers as managers/leaders, ethics, web-based tools, globalization and engineering management in the decades to come. For engineering professionals who have an interest in becoming managers and/or leaders in their field. For undergraduate and MBA-level Enterprise Systems courses. An approach to understanding and implementing ERP systems for success in today's organizations. Motiwalla teaches students the components of an ERP system, and the process of implementing ERP systems within a corporation to increase the overall success of the organization. This text also places major importance on the strategic role of ERP systems in providing a platform for improved business operations and productivity. The second edition reflects the nature of today's enterprise systems. Governance is a word that is increasingly heard and read in modern times, be it corporate governance, global governance, or investment governance. Investment governance, the central concern of this modest volume, refers to the
effective employment of resources—people, policies, processes, and systems—by an individual or governing body (the fiduciary or agent) seeking to fulfil their fiduciary duty to a principal (or beneficiary) in addressing an underlying investment challenge. Effective investment governance is an enabler of good stewardship, and for this reason it should, in our view, be of interest to all fiduciaries, no matter the size of the pool of assets or the nature of the beneficiaries. To emphasize the importance of effective investment governance and to demonstrate its flexibility across organization type, we consider our investment governance process within three contexts: defined contribution (DC) plans, defined benefit (DB) plans, and endowments and foundations (E&Fs). Since the financial crisis of 2007-2008, the financial sector’s place in the economy and its methods and ethics have (rightly, in many cases) been under scrutiny. Coupled with this theme, the task of investment governance is of increasing importance due to the sheer weight of money, the retirement savings gap, demographic trends, regulation and activism, and rising standards of behavior based on higher expectations from those fiduciaries serve. These trends are at the same time related and self-reinforcing. Having explored the why of investment governance, we dedicate the remainder of the book to the question of how to bring it to bear as an essential component of good fiduciary practice. At this point, the reader might expect investment professionals to launch into a discussion about an investment process focused on the best way to capture returns. We resist this temptation. Instead, we contend that achieving outcomes on behalf of beneficiaries is as much about managing risks as it is about capturing returns—and we mean “risks” broadly construed, not just fluctuations in asset values. The international bestseller on the extent to which personal freedom has been eroded by government regulations and agencies while personal prosperity has
been undermined by government spending and economic controls. New Foreword by the Authors;

Index. Conservation Biology for All provides cutting-edge but basic conservation science to a global readership. A series of authoritative chapters have been written by the top names in conservation biology with the principal aim of disseminating cutting-edge conservation knowledge as widely as possible. Important topics such as balancing conversion and human needs, climate change, conservation planning, designing and analyzing conservation research, ecosystem services, endangered species management, extinctions, fire, habitat loss, and invasive species are covered. Numerous textboxes describing additional relevant material or case studies are also included.

The global biodiversity crisis is now unstoppable; what can be saved in the developing world will require an educated constituency in both the developing and developed world. Habitat loss is particularly acute in developing countries, which is of special concern because it tends to be these locations where the greatest species diversity and richest centres of endemism are to be found. Sadly, developing world conservation scientists have found it difficult to access an authoritative textbook, which is particularly ironic since it is these countries where the potential benefits of knowledge application are greatest. There is now an urgent need to educate the next generation of scientists in developing countries, so that they are in a better position to protect their natural resources. For courses in Graduate MIS, Decision Support Systems, and courses covering the principles of enterprise resource planning systems. This text takes a generic approach to enterprise resource planning systems and their interrelationships, covering all functional areas of this new type of management challenge. It discusses the re-design of business processes, changes in organizational structure, and effective management strategies that will help assure competitiveness,
responsiveness, productivity, and global impact for many organizations in the years ahead. This latest edition of an official U.S. Government military history classic provides an authoritative historical survey of the organization and accomplishments of the United States Army. This scholarly yet readable book is designed to inculcate an awareness of our nation's military past and to demonstrate that the study of military history is an essential ingredient in leadership development. It is also an essential addition to any personal military history library.

This text is used in military ROTC training courses as a basic military history textbook. Volume 1 of 2 volume set.

To achieve success in today's business climate you must do more than provide high quality low cost products to customers when and how they want them. Customers and suppliers require fully integrated information - throughout the supply chain or value chain. You must integrate your organization so completely that executive decisions are implemented effortlessly. Competitive pressures often cause a reduction in prices, in spite of continually rising costs. A decrease in prices paired with increased costs quickly eliminates any profitability and threatens your company's ability to survive. This book shows you how you can reduce costs through the elimination of waste caused by poor communication and coordination throughout a company as well as between the company, its suppliers, and its customers. The author explains Enterprise Resource Planning (ERP) in non-technical terms, describing how an ERP system can fully integrate all functions in your manufacturing organization. He demonstrates the system's capability to increase efficiency and profitability - and to delight the customer - as well as its current deficiencies. In addition to his thorough coverage of ERP, the author introduces Total Enterprise Integration (TEI), the process of integrating all the information required to fully support a manufacturing company. TEI represents a logical extension of
complete information integration throughout a manufacturing enterprise and into the supply chain. This new concept shows you how the intelligent use of work flow allows responsibility to go to the most appropriate front-line decision makers while maintaining proper budgetary and operational controls. The power of TEI is in the integration of communication across the entire manufacturing company, and out through the supply chain to customers and suppliers. Enterprise Resource Planning and Beyond: Integrating Your Entire Organization focuses on what a fully integrated system can do for you. FeaturesFor courses in Graduate MIS, Decision Support Systems, and courses covering the principles of enterprise resource planning systems, this text takes a generic approach to enterprise resource planning systems and their interrelationships, covering all functional areas of this new type of management challenge. Over the last two decades, large corporations and companies worldwide have been implementing Enterprisewide Resource Planning (ERP) applications. This has today percolated down to the midsize companies as the benefits of ERP applications are appreciated. Not surprisingly, in business schools across the country, ERP has become a popular and major subject of study. This accessible, easy-to-read book explains the ERP concept, its theory and implementation with practical case studies. Throughout, the focus remains on the Indian scenario. While Part I of the book deals with the theory of ERP with detailed discussions on best practices in ERP, ERP vendor analysis, its basic functional modules and its implementation, Part II describes ERP “As Is” to ERP “To Be”. The book details and delineates the fundamental and advanced features of ERP in a style that is intelligible to the reader. It presents a structured methodology designed to help students understand the conceptual elements of ERP as well its implementation. The book is intended as a text for postgraduate students of management and as a valuable reference for the practicing professionals.
That it is based on the author’s vast experience in the subject in more than 65 Indian manufacturing companies, and is a reader-friendly text with a number of diagrams, screenshots, and tables further enhances its value. Show your students how to master and maximize enterprise resource planning (ERP) software -- which continues to become more critical in business today – with the latest edition of Monk/Wagner's successful CONCEPTS IN ENTERPRISE RESOURCE PLANNING. Equip students to use ERP tools to increase growth and productivity as they learn how to effectively combine an organization's numerous functions into one comprehensive, integrated system. CONCEPTS IN ENTERPRISE RESOURCE PLANNING, 4E reflects the latest trends and updates in ERP software while demonstrating how to make the most of this important technology. The authors introduce the basic functional areas of business and how they are related. The book demonstrates how information systems that are not effectively integrated fail to support business functions and business processes that extend across functional area boundaries. By contrast, students clearly see how integrated information systems help organizations improve business process and provide managers with accurate, consistent, and current data for making informed strategic decisions. All-new sidebar cases and real examples throughout this edition not only thoroughly introduce the practical aspects of enterprise resource planning, but also prepare readers for ongoing ERP success in business today and tomorrow. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. An essential resource presenting state-of-the-art theory and process of project management, The AMA Handbook of Project Management has long been considered the authoritative guide. Managing complex projects can stretch you to the limits. But with a book full of experts coaching you each step of the way, you’ll never be baffled, blocked, or misdirected.
again. Packed with essays and insights from the field's top professionals, The AMA Handbook of Project Management is the resource professionals and students rely on for its practical guidance and big picture overview of the entire field: scheduling and budgeting, engaging stakeholders, measuring performance, managing multiple projects, resolving conflicts, using agile practices, and more. Whether you need advice keeping projects on track or help preparing for certification, this new edition explains every principle, process, and development. Revised to reflect the latest changes to A Guide to the Project Management Body of Knowledge (PMBOK®), the fifth edition includes new information on how to: Close the strategy-implementation gap Tap the power of digital transformation Navigate M&A environments Revise your methods for nonprofit settings Keep pace with your evolving role And more

Packed with models, case studies, and in-depth solutions, this trusted guide helps you master the discipline, overcome obstacles, and fast track your projects and career.

An executive’s transition into any leadership role can be a challenge. Such transitions do not always go smoothly, and the negative consequences can be significant. This is particularly so for Chief Information Officers (CIOs), as the role has evolved significantly over the years yet remains deeply ambiguous. This is despite information and technology moving from the periphery of an organization to a fundamental driver of innovation and competitive advantage. This book is to help the newly appointed CIO “take charge”: the process of learning and taking action that the newly appointed CIO goes through until s/he has mastered the new assignment in sufficient depth to be effective in the role. This book provides keen insights into the challenges faced by today's CIOs while transitioning into a new role and enlightens readers on how to
navigate the organizational environment in order to implement necessary changes. With plenty of practical tools and insights it will help you to: • Decide how best to approach the job • Prioritize the first areas of the business you should attend to • Draw up your goals for the first few weeks and months into the role • Find out if there are there any decisions that you can postpone making Based on over 200 interviews with CIOs, CxOs, and recruiters, this book offers readers guidance on how to take on the role of a business executive with special responsibility for information and technology, with ten key prescriptions to maximize success.This book contains 15 thoroughly refereed research papers selected from 90 submissions for the 5th, 6th, and 7th International Workshop on Enterprise Systems, Pre-ICIS 2010–2012, held in St. Louis, MO, USA, in December 2010, in Shanghai, China, in December 2011, and in Orlando, FL, USA, in December 2012, respectively. In addition, two invited papers complete this volume. The contributions in this edited book are multidisciplinary in scope and cover strategic, organizational, and technological dimensions. They range from purely conceptual to literature reviews to papers on teaching-related aspects. Taken together, these papers provide a holistic view of the enterprise systems research domain, including key characteristics, implementation issues, general aspects of enterprise systems use, specific solutions such as CRM and SCM, and future research directions.Class A ERP is often misunderstood and confused with software tools and implementations, but is actually a management system for continuous improvement. This book will resolve these myths by thoroughly describing the definition of Class A ERP and giving specifics for achieving Class A performance in a reasonable timeframe. Examples from successes will be referenced to and the author will build a case for breaking the journey to world-class performance into bite-sized, doable focus areas. Class A ERP Implementation will help organizations set the stage
for maximum effectiveness of both Lean strategies and Six Sigma and establish ERP disciplines as the prerequisite to success. This handbook is a repository of state-of-the-art knowledge about enterprise resource planning (ERP) systems and applications. It presents cutting edge articles on ERP systems by leading researchers in the field from around the world. The articles discuss frontier areas of research in the field of ERP. They cover a wide range of topics concerned with ERP systems including their technology-related issues, their architecture, and their implementation. The book also presents case studies and practical examples in its final section to further clarify the concepts. Widely praised for its balanced treatment of computer ethics, Ethics for the Information Age offers a modern presentation of the moral controversies surrounding information technology. Topics such as privacy and intellectual property are explored through multiple ethical theories, encouraging readers to think critically about these issues and to make their own ethical decisions. Enterprise Resource Planning (ERP) is an enterprise-wide software solution that integrates and automates business functions of an organization. This real-time information integration across the organization's functional areas increases operational efficiencies and helps managers to arrive at better decisions making the organization more competitive. Today having an ERP system is not a luxury, but a necessity. A robust ERP system along with a fully trained workforce is a must for an organization's survival. "The emergence of the networked information economy is unleashing two powerful forces. On one hand, easy access to high-speed networks is empowering individuals. People can now discover and consume information resources and services globally from their homes. Further, new social computing approaches are inviting people to share in the creation and edification of information on the Internet. Empowerment of the individual -- or
consumerization -- is reducing the individual's reliance on traditional brick-and-mortar institutions in favor of new and emerging virtual ones. Second, ubiquitous access to high-speed networks along with network standards, open standards and content, and techniques for virtualizing hardware, software, and services is making it possible to leverage scale economies in unprecedented ways. What appears to be emerging is industrial-scale computing -- a standardized infrastructure for delivering computing power, network bandwidth, data storage and protection, and services. Consumerization and industrialization beg the question "Is this the end of the middle?"; that is, what will be the role of "enterprise" IT in the future? Indeed, the bigger question is what will become of all of our intermediating institutions? This volume examines the impact of IT on higher education and on the IT organization in higher education." -Web site blurb. The revised and updated edition includes the latest developments in the field of ERP, information technology and new technologies that are changing the ERP landscape. Divided into eight sections, the book covers ERP Basics, ERP and Technology, ERP Implementation, Operation and Maintenance of the ERP system, Business Modules of ERP, ERP Market, Present and Future of ERP, ERP Resources, Case studies, Career guidance, Manufacturing perspective, etc. Overviews enterprise system (ES) opportunities and challenges and suggests the ESs are not the right choice for every company. Provides a set of guidelines to help managers evaluate the benefits and risks of ES implementation, stressing that an organization must make simultaneous changes in its information systems, business processes, and business strategy. Such changes are described in detail with extensive examples from real organizations, demonstrating that ESs should be viewed as business rather than technology projects. Davenport is director of a consulting institute and professor of information management at Boston University.
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Annotation The complete, strategic guide to ASP options for every business and technical decision-maker. -- Written by the world's leading ASP researchers based on their extensive studies at leading companies. -- Discover which ASP applications have been most successful -- and which have been most likely to fail. -- Review the leading players -- and learn best practices for evaluating and partnering with them. Effective ASP decision-making has never been more crucial, as companies increasingly prepare to explore outsourcing mission critical operations into a rapidly-changing ASP marketplace. Now, the world's leading ASP research team shares its up-to-the-minute, provocative findings -- offering practical advice for every aspect of the outsourcing decision, and every phase of the outsourcing project lifecycle. You'll learn which ASP applications have proven most and least successful; who the leading market players are and how their services have evolved; how to manage technology infrastructure in an outsourced environment; and much more. This book includes detailed guidance on defining an ASP strategy and mitigating its attendant risks; evaluating and selecting ASPs; and managing ASP partnerships. It also previews new trends that will shape the future of ASPs -- and your relationships with them.How to get the most out of Enterprise Resource Planning (ERP) systems. Addresses the field of enterprise systems, covering progressive technologies, leading theories, and advanced applications. Virtual worlds are increasingly incorporated into modern universities and teaching pedagogy. Over 190 higher education institutions worldwide have done teaching in the virtual world of Second Life (SL). This book is based on the first Scandinavian project to experiment with the design and testing of teaching platforms for life long learning in SL. In 2007, it created a virtual island or "sim" in SL called "Kamimo Education Island." The project generated a number of courses
taught in SL, and instructed educators in the use of SL. This book disseminates the experiences and lessons learned from that project and from other educational projects in SL. The book identifies the gaps in traditional forms of education. It provides a roadmap on issues of instructional design, learner modeling, building simulations, exploring alternatives to design, and integrating tools in education with other learning systems.

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