Business Process Reengineering Text And Cases

Businesses must constantly adapt to a dynamically changing environment that requires choosing an adaptive and dynamic information architecture that has the flexibility to support both changes in the business environment and changes in technology. In general, information systems reengineering has the objective of extracting the contents, data structures, and flow of data and process contained within existing legacy systems in order to reconstitute them into a new form for subsequent implementation. Information Systems Reengineering for Modern Business Systems: ERP, Supply Chain and E-Commerce Management Solutions covers different techniques that could be used in industry in order to reengineer business processes and legacy systems into more flexible systems capable of supporting modern trends such as Enterprise Resource Planning (ERP), supply chain management systems and e-commerce. This reference book also covers other issues related to the reengineering of legacy systems, which include risk management and obsolescence management of requirements.

Organizations are being urged to experiment with new structures and processes. A 'process perspective' on organizing is emerging as a major challenge to 'functional' principles of organizing established during the last century. Business process reengineering is one exemplar of process thinking that has received great attention amongst organizational theorists and practitioners. This in-depth account of business process reengineering within a major NHS hospital is an important contribution to the very limited stock of empirical knowledge about new organizational forms, especially in the public sector. The book combines empirical data gathered through an intensive, comparative case study method with strategic choice and neo-institutional theories to analyse the changing context of public organizations, importation of models of organizing from private to public organizations, and dynamics of public sector transformation. The outcomes of the change programme add to our more general organizational knowledge about (a) the impact of corporate change programmes, particularly in professionalized and public sector settings, (b) impediments and enablers of lateral organizing structures and processes, and (c) contradictions within the New Public Management between functional and process principles for organizing.

BUSINESS PROCESS REENGINEERINGText and CasesPHI Learning Pvt. Ltd.

This volume shows how ICT (information and communications technology) can play the role of a driver of business process reengineering (BPR). ICT can aid in enabling improvement in BPR activity cycles as it provides many components that enhance performance that can lead to competitive advantages. IT can interface with BPR to improve business processes in terms of communication, inventory management, data management, management information systems, customer relationship management, computer-aided design, computer-aided manufacturing (CAM), and computer-aided engineering. This volume explores these issues in depth.

This book covers both theory and applications in the automation of software testing tools and techniques for various types of software (e.g. object-oriented, aspect-oriented, and web-based software). When software fails, it is most often due to lack of proper and thorough testing, an aspect that is even more acute for object-oriented, aspect-oriented, and web-based software. Further, since it is more difficult to test distributed and service-oriented architecture-based applications, there is a pressing need to discuss the latest developments in automated software testing. This book discusses the most relevant issues, models, tools, challenges, and applications in automated software testing. Further, it brings together academic researchers, scientists, and engineers from a wide range of industrial application areas, who present their latest findings and identify future challenges in this fledging research area.

Business Process Modeling, Simulation and Design, Third Edition provides students with a comprehensive coverage of a range of analytical tools used to model, analyze, understand, and ultimately design business processes. The new edition of this very successful textbook includes a wide range of approaches such as graphical flowcharting tools, cycle time and capacity analyses, queuing models, discrete-event simulation, simulation-optimization, and data mining for process analytics. While most textbooks on business process management either focus on the intricacies of computer simulation or managerial aspects of business processes, this textbook does both. It presents the tools to design business processes and management techniques on operating them efficiently. The book focuses on the use of discrete event simulation as the main tool for analyzing, modeling, and designing effective business processes. The integration of graphic user-friendly simulation software enables a systematic approach to create optimal designs.

Excerpt from The New Industrial Engineering: Information Technology and Business Process Redesign Our research also suggests that IT can also have a stronger role in business process redesign than that of useful tool. In leading edge practice, IT and bpr have a recursive relationship, as Figure 1 illustrates. Each is the key to thinking about the other. Thinking about information technology should be in terms of how it supports new or redesigned business processes, rather than business functions or other organizational entities. And thinking about business processes and process improvements should be in terms of the capabilities informationtechnology can provide. We refer to this broadened, recursive view of IT and epr as the new industrial engineering. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

Examines a broad range of research and case studies that throws light on potential, social and human factors which determine the success of information technology.

The most successful business book of the last decade, Reengineering the Corporation is the pioneering work on the most important topic in business today: achieving dramatic performance improvements. This book leads readers through the radical redesign of a company's processes, organization, and culture to achieve a quantum leap in performance. Michael Hammer and James Champy have updated and revised their milestone work for the New Economy they helped to create -- promising to help corporations save hundreds of millions of dollars more, raise their customer satisfaction still higher, and grow ever more nimble in the years to come.

This is an important text for all students and practitioners of Business Process Reengineering. It provides a comprehensive resource for understanding and implementing BPR as relating to the needs of each individual business, and it places particular emphasis on the importance of the OHandS function within the commercial environment. This volume provides an in-depth

coverage of all the key areas which are essential to the implementation of BPR. It provides unique practical guidance on implementing BPR strategies as formulated by the author and a range of academic practitioners and industry experts. Importantly, it demonstrates how these initiatives can be implemented in a real-world environment and in accordance with stated business objectives, so as to effect positive and productive change. The advantages of a newly-developed business tool known as the "Sturdy BPR Matrix" are carefully considered, as is guidance on the implementation of BPR in any situational context.

Intermediate Examination Paper from the year 2005 in the subject Business economics - Business Management, Corporate Governance, University of Cooperative Education, 17 entries in the bibliography, language: English, abstract: In today's business world - no matter which market we are in - several key words keep reoccurring, which managers and Chief Executive Officers like to use to explain the reorganization of structures and processes of their companies. "Total Quality Management", "Business Reengineering", "Six Sigma", "Quality Function Development" and "ISO Standards" are just a few that could be mentioned. All their concepts have one thing in common which is the strive to remain profitable in a business world of faster changing, hard to forecast markets and growing customer expectations. This co-op report will discuss the meaning and implementation of "Business Process Reengineering" with the example of Lufthansa Cargo AG along with the importance of "Change Management" as an enabler.

This textbook explores the fundamental principles of Business Process Reengineering (BPR). The express aim of the book is to address the needs of MBA students opting for courses in 'Information Technology Management or 'Operations Management', MCA students who opt for Business Processes as an elective, and students of BE/B.Tech Mechanical Engineering and Production Engineering for courses in Process Engineering/Automation/Management System Design. The book provides them with the concepts, methodologies, models and tools needed to understand and implement BPR. In a nutshell, the book offers a step-by-step presentation of the practical framework and management techniques needed to achieve engineering solutions for implementation of BPR in an organization. The initial chapters introduce the reader to the need for BPR and its utility in relation to IT and manufacturing. The middle chapters cover the methodology, success factors, barriers, and the technologies that are relevant for BPR implementation. The latter chapters present solutions like lean and virtual manufacturing, enterprise resource planning, and functional information systems. An exclusive chapter is devoted to concepts and tasks of software reengineering. Aided by extensive illustrations, end-of-chapter review questions, as well as a chapter consisting entirely of case studies, this book will help students develop a rich, multifaceted perspective, to enable them to handle complex management and engineering problems. The book will be useful to students in practically all branches of engineering, not just mechanical/production/industrial engineering.

Organizations of all types are consistently working on new initiatives, product lines, or implementation of new workflows as a way to remain competitive in the modern business environment. No matter the type of project at hand, employing the best methods for effective execution and timely completion of the task at hand is essential to project success. Project Management: Concepts, Methodologies, Tools, and Applications presents the latest research and practical solutions for managing every stage of the project lifecycle. Emphasizing emerging concepts, real-world examples, and authoritative research on managing project workflows and measuring project success in both private and public sectors, this multi-volume reference work is a critical addition to academic, government, and corporate libraries. It is designed for use by project coordinators and managers, business executives, researchers, and graduate-level students interested in putting research-based solutions into practice for effective project management.

Providing accessible coverage of the basics and practical aspects of total quality management, this book is intended for students of management and engineering. The text adopts a realistic approach to the teaching of the subject with the principal focus on the philosophy of total quality management and its role in today's world of fierce business competition. Discusses the mechanism of quality control, quality assurance and different types of quality control tools and their usage. Features the Japanese management philosophy, quality awards and standards. Presents the differences between total quality management and business process re-engineering and approaches to integrate them. Describes the various aspects of benchmarking, capability maturity model and customer relationship management.

Business Process Reengineering BreakPoint Strategies for MarketDominance Business Process Reengineering shows you how to take thevital next step to attain market dominance and become a worldleader * A team of internationally recognized Coopers & Lybrandmanufacturing consultants explain why they believe the businessworld needs to move beyond continuous improvement and TQM conceptsto Business Process Reengineering (BPR). * BPR involves a dramatic redesign of business processes,organization structures and use of technology, to achieve"breakthroughs" in business competitiveness. * The book is based on the authors experience of extensiveinternational work with leading corporations including AT&T,Asea Brown Boveri (ABB), Allied-Signal, and Coca-Cola &Schweppes (CC&SB). * Focusing on the effectiveness of BPR, the book shows howcompanies can streamline operations, and inevitably cut costs, onthe way to creating process excellence in all key aspects of theorganization. Reengineering goes beyond continuous improvement "Continuousimprovement is exactly the right idea if you are the world leaderit is probably a disastrous idea if you are far behind in the worldstandard we need rapid, quantum-leap improvement. We cannot besatisfied to lay out a plan that will move us towards the existingworld standard over some protracted period of time if we acceptsuch a plan; we will never be the world leader." Paul O Neill,Chairman ALCOA

This book shows you how to achieve business process excellence through change management activities, with case studies from major corporations such as American Meter and the US Navy. The book defines business process change management as information, communication, and training that enable people to make change and improvements happen. Using case studies the text shows how this change management is applied in practice using a framework like the ARIS House of Business Process Excellence or software tools like the ARIS Toolset.

The vision of the MIT Process Handbook Project is the creation of a systematic and powerful method of organizing and sharing business knowledge. This text presents the key findings of a multidisciplinary research group at MIT's Sloan School of Management.

The construction industry faces continual challenges and demands, due to market conditions and coercion by governments, for improvements in safety, quality and cost control, and in the avoidance of contractual disputes. To meet these challenges construction enterprises need to constantly seek new directions and business models in construction management. A number of tools, methods and concepts have been developed and advocated as aids to achieving improved performance, but many in the industry find them confusing or are sceptical of their relevance.

The third edition of Construction Management: New Directionsbrings together, in a single volume, detailed discussion of a range of contemporary management concepts which are relevant to the construction industry, including strategic management; benchmarking; reengineering; partnering and alliancing; enterprise risk management; total safety management; total quality management; value management and constructability. It provides a straightforward, accessible and objective account of these concepts, showing how they interrelate and can be used to improve the performance of the construction firm. This research based text will be essential reading for industry leaders and practitioners, as well as researchers, postgraduate and senior undergraduate students. From a review of previous editions I am in no doubt that this book will quickly become a favourite among students and practitioners alike —Construction Manager

The second edition of 'Business Process Reengineering' encompasses the theoretical background as well as the conceptual framework of Business Process Re-engineering. With management students being the primary audience, the book covers the strategic perspectives, models, implementation, success factors as well as future course sufficiently. Highlights: 1. The book presents how Indian companies should be willing to look across and beyond financial departments to processes. 2. Extremely relevant for Indian companies in present liberalized scenario. 3. Students would get actual insights about BPR implementation from the Indian context.

"This book generates a comprehensive overview of the recent advances in concepts, technologies, and applications that enable advanced business process management in various enterprises"--Provided by publisher.

For advanced courses in Management Information Systems. Organizational Transformation Through Business Process Reengineering deals with both successes and failures of business process reengineering, maintaining that no one management approach is a cure-all for organizational change. This book contains 36 readings and 8 cases, and builds on the evidence gained in actual firms with various business processes, using many different business process reengineering approaches. The information and knowledge currently available is much richer, more comprehensive, and detailed than has been previously available.

Automating Business Process Reengineering is the only book of its kind that tells you not only what you need to know but shows you how to put that knowledge to work immediately. The book includes numerous examples that demonstrate the power of computer-aided reengineering in action. A few years ago, simulation tools weren't available to anyone except experts in the field. Now these powerful, low cost visual simulation tools are designed for practical use. This book is meant for anyone responsible for process or profit improvement in an organization.

Today enterprises must strive to improve their competitiveness in a changing environment. To reach this objective it is necessary for companies to evaluate their performances and to combine modelling, business process re-engineering and benchmarking techniques. This book demonstrates the successful combination and implementation of these various techniques.

This book highlights interdisciplinary insights, latest research results, and technological trends in Business Intelligence and Modelling in fields such as: Business Intelligence, Business Transformation, Knowledge Dissemination & Implementation, Modeling for Logistics, Business Informatics, Business Model Innovation, Simulation Modelling, E-Business, Enterprise & Conceptual Modelling, etc. The book is divided into eight sections, grouping emerging marketing technologies together in a close examination of practices, problems and trends. The chapters have been written by researchers and practitioners that demonstrate a special orientation in Strategic Marketing and Business Intelligence. This volume shares their recent contributions to the field and showcases their exchange of insights.

This is the digital version of the printed book (Copyright © 1998). This book answers the call for a concise, comprehensive introduction to IDEF0 and its application in business process reengineering (BPR) efforts. Here is all the essential information about the IDEF0 method, the function analysis portion of the Integration Definition (IDEF) Methods—its definition, basic rules of usage (including the standard language syntax and semantics as contained in the Federal Standard), and lessons learned from many years of application in the real world. The book features examples based on actual models of commercial clients and government agencies. By studying IDEF0 models, readers learn how the method might be applied to the various aspects of enterprise analysis or systems analysis and what goals and benefits are reasonable to expect from its application. IDEF0 is at the heart of the DoD's version of BPR. In the private sector, industrial organizations that may have initially discovered IDEF through one or more government contracts have adopted it as a method for use with their own corporate BPR efforts. Use this book to apply the techniques of this increasingly popular member of the IDEF family of methods! Three Major Elements of the Method: 1. The concepts are at the foundation of IDEF0, and they preserve the logical sense and intention of the model. These concepts answer why one approach is used over another in the application of IDEF0, and they provide the experienced analyst with the rationale for when it may be necessary to bend the rules. 2. The language of IDEF0 is the analyst's means of describing the activities of an enterprise to other analysts, readers, enterprise management and staff, and others. The language is written in graphical box-and-arrow notation on diagram forms that are structured to form IDEF0 models. 3. The pragmatics of IDEF0 provide the engineering procedures and the do's and don'ts for the use of IDEF0. In many cases, the pragmatics are so closely tied to the concepts and language that they are inseparable, and analysts who have attempted to use IDEF0 without employing the pragmatics have typically been unsuccessful. The most common misuses of IDEF0 are illustrated to show the kinds of problems that can occur if the pragmatics are not followed.

Professional quality Workflow BPR (Business Process Reengineering) software is packaged with the text and can be used with the cases described. The software is easy to use and can be used to model workflows for feedback on BPR designs. The text creates a theoretical framework for BPR.

"This book addresses the many new resource discovery tools and products in existence as well as their potential uses and applications"--Provided by publisher.

Daily procedures such as scientific experiments and business processes have the potential to create a huge amount of data every day, hour, or even second, and this may lead to a major problem for the future of efficient data search and retrieval as well as secure data storage for the world's scientists, engineers, doctors, librarians, and business managers. Design, Performance, and Analysis of Innovative Information Retrieval examines a number of emerging technologies that significantly contribute to modern Information Retrieval (IR), as well as fundamental IR theories and concepts that have been adopted into new tools or systems. This reference is essential to researchers, educators, professionals, and students interested in the future of IR.

"This book brings together the necessary methodologies and resources for organizations to understand the challenges and discover the solutions that will enhance their businesses"-- Enterprise Architects, in their endeavor to achieve Enterprise Integration, have limited guidance on how best to use Enterprise Models and Modeling Tools to support their practice. It is widely recognized that the practice of engineering enterprises needs a number of models, but how to maintain the relation between these models with ease is still a problem. Model interoperability is an issue on multiple counts: - How to interchange models between enterprise modeling tools? - How to maintain the interdependencies between models - whether they describe the enterprise on the same level (but from different points of view), or from the same point of view (but on different levels of abstraction and granularity)? - How to maintain a coherent and evolving set of enterprise models in support onf continuous change processes? - How to use and reuse enterprise models as a knowledge resource? The answers to these questions are of great importance to anyone who is implementing ISO9001:2000 requirements, whether through using enterprise architecture practice or not - although it can be argued that a well executed architecture practice should satisfy ISO9001 without additional effort. This volume attacks the problem on three fronts: 1. Authors working in international standardisation and tool development as well as in enterprise modeling research present the latest developments in semantic integration; 2. Authors who are practitioners of, or conducting active research in, enterprise architecting methodologies give an account on the latest developments and strategic directions in architecture frameworks and methodologies; 3. Authors who use or develop information integration infrastructures present best practice and future trends of this aspect of enterprise integration. Chapters of this book include contributions to the International Conference on Enterprise Integration and Modelling Technology (ICEIMT'04), and those presented at the Design of Information Infrastructure Systems for Manufacturing (DIISM'04) Workshop. While DIISM is traditionally oriented at supporting manufacturing practice, the results have a far greater domain of applicability.

This research-oriented book presents key contributions on architecting the digital transformation. It includes the following main sections covering 20 chapters: · Digital Transformation · Digital Business · Digital Architecture · Decision Support · Digital Applications Focusing on digital architectures for smart digital products and services, it is a valuable resource for researchers, doctoral students, postgraduates, graduates, undergraduates, academics and practitioners interested in digital transformation.

Giving organizations the ability to track, secure, and manage items from the time they are raw materials through the life-cycle of the product, radio frequency identification (RFID) makes internal processes more efficient and improves overall supply chain responsiveness. Helping you bring your organization into the future, RFID in the Supply Chain: A Guide to Selection and Implementation explains RFID technology, its applications in SCM, data storage and retrieval, business processes, operational and implementation problems, risks, security and privacy, facility layout, handling systems and methods, and transportation costs. In short, with its soup-to-nuts coverage, the book ensures that your RFID implementation is successful and that you get the most from your investment. The book discusses the major paradigm shift in product traceability that began with transitioning to RFID technology from bar code technology. It examines the economic feasibility of rolling out RFID and the challenges in supply chain synchronization, customer privacy, security, operations and IT, logistics, program management, education and training, and implementation, as well as what lessons have been learned. The author addresses the RFID business processes needed to analyze and resolve problems the suppliers face when they deal with multiple customers, each with a different mandate, and with their own set of suppliers. Going beyond the technology and how it has changed supply chain processes, the book includes selection guidelines and implementation examples, such as speed of tag reads versus quality of computer inputs and optimal tag location. The author discusses the implementation of a business process model and the separate but equal concerns that business and IT executives have about the implementation of RFID applications. The book also covers security, integrated control management linked to the corporate strategy, and laws and regulations.

Presents competitive strategy for the learning organization in the context of technological advances and continual process reengineering.

?Business process reengineering (BPR) focuses on redesigning the strategic and value-added processes which transcend the organizational boundaries. It is a cross-functional approach that requires support from almost all the departments of the organization. Business Process Reengineering: Automation Decision Points in Process Reengineering offers a new framework based process reengineering and links it to organization life cycle, process life cycle, and process management. This volume describes the fundamental concepts behind business process reengineering and examines them through case studies, and should appeal to researchers and academics interested in business process reengineering, operations strategy, and organizational restructuring and design.

Business Process Change, 3rd Edition provides a balanced view of the field of business process change. Bestselling author Paul Harmon offers concepts, methods, cases for all aspects and phases of successful business process improvement. Updated and added for this edition is new material on the development of business models and business process architecture development, on integrating decision management models and business rules, on service processes and on dynamic case management, and on integrating various approaches in a broad business process management approach. New to this edition: How to develop business models and business process architecture How to integrate decision management models and business rules New material on service processes and on dynamic case management Learn to integrate various approaches in a broad business process management approach Extensive revision and update addresses Business Process Management Systems, and the integration of process redesign and Six Sigma Learn how all the different process elements fit together in this best first book on business process, now completely updated Tailor the presented methodology, which is based on best practices, to your organization's specific needs Understand the human aspects of process redesign Benefit from all new detailed case studies showing how these methods are implemented

The book deals with the powerful concept of Business Process Reengineering (BPR) employed to bring about dramatic improvement in key business processes. It compares other important management concepts with BPR like Kaizen, TQM, Quality Function Deployment (QFD), ISO Standards and Enterprise Resource Planning (ERP). The book also deals with the management of change at length for a clear understanding of several aspects of change needed for the successful implementation of BPR in an organization.1. Business Process Reengineering and Kaizen 2. Definition and Illustrations of Business Process Reengineering 3. Business Process Reengineering and Other Management Concepts 4. Implementation of Business Process Reengineering5. Reengineering Structure 6. Common Pitfalls in Business Process Reengineering 7. Change Management in Business Process Reengineering

If one thing catches the eye in almost all literature about (re)designing or (re)engineering of enterprises, it is the lack of a well-founded theory about their construction and operation. Often even the most basic notions like "action" or "process" are not precisely defined. Next, in order to master the diversity and the complexity of contemporary enterprises, theories are needed that separate the stable essence of an enterprise from the variable way in which it is realized and implemented. Such a theory and a matching methodology, which has passed the test of practical experience, constitute the contents of this book.

The enterprise ontology, as developed by Dietz, is the starting point for profoundly understanding the organization of an enterprise and subsequently for analyzing, (re)designing, and (re)engineering it. The approach covers numerous issues in an integrated way: business processes, in- and outsourcing, information systems, management control, staffing etc. Researchers and students in enterprise engineering or related fields will discover in this book a revolutionary new way of thinking about business and organization. In addition, it provides managers, business analysts, and enterprise information system designers for the first time with a solid and integrated insight into their daily work.
"This book presents a wide range of issues and challenges related to business process reengineering technologies and systems through the use of case studies"--Provided by publisher.
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