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Q1FIQ4 - BOYER YOSELIN

As with other parts of business, technology is having a profound effect on the world of work and management of human resources. Technology is a key enabler for faster, cheaper and better delivery of HR services and in some cases can have a transformational as well as unintended negative effect. Designed for the digital era, e-HRM is one of the first textbooks on these developments. It incorporates the most current and important HR technology related topics in four distinct parts under one umbrella, written by leading scholars and practitioners drawn from across the world. All the chapters have a uniform structure and pay equal attention to theory and practice with an applied focus. Learning resources of the book include chapter-wide learning objectives, case studies, debates on related burning issues, and the companion website includes lecture slides and a question bank.

Cross-Cultural Management: With Insights from Brain Science explores a broad range of topics on the impact of culture in international business and vice versa, and the impact of businesses and individuals in shaping a culture. It provides critical and in-depth information on globalization, global/glocal leadership, cross-cultural marketing, and cross-cultural negotiation. It also discusses many other topics that are not typically found in the mainstream management textbooks such as diversity management, bias management, cross-cultural motivation strategies, and change management. While most literature in the field is dominated by the static paradigm, that is, culture is fixed, nation equates to culture, and values are binary, this book takes a different approach. It regards national values as a first-best-guess and balances it with an introduction of the dynamic paradigm. This school of thought posits that culture is not static, context is the software of the mind, opposing values coexist, change is constant, and individuals can develop a multicultural mind. A unique feature of this book is the contribution of an interdisciplinary approach. It's the first textbook of cross-cultural management that incorporates latest findings from the emerging discipline of cultural neuroscience and evolutionary biology in the discussion. Such a holistic approach is meant to help readers gain a deeper and broader understanding of the subjects.

Enter the fast-paced world of SAP HANA 2.0 with this introductory guide. Begin with an exploration of the technological backbone of SAP HANA as a database and platform. Then, step into key SAP HANA user roles and discover core capabilities for administration, application development, advanced analytics, security, data integration, and more. No matter how SAP HANA 2.0 fits into your business, this book is your starting point. In this book, you'll learn about: a. Technology Discover what makes an in-memory database platform. Learn about SAP HANA's journey from version 1.0 to 2.0, take a tour of your technology options, and walk through deployment scenarios and implementation requirements. b. Tools Unpack your SAP HANA toolkit. See essential tools in action, from SAP HANA cockpit and SAP HANA studio, to the SAP HANA Predictive Analytics Library and SAP HANA smart data integration. c. Key Roles Understand how to use SAP HANA as a developer, administrator, data scientist, data center architect, and more. Explore key tasks like backend programming with SQLScript, security setup with roles and authorizations, data integration with the SAP HANA Data Management Suite, and more. Highlights include: 1) Architecture 2) Administration 3) Application development 4) Analytics 5) Security 6) Data integration 7) Data architecture 8) Data center How can organizations complete a major business model transformation and how can leaders successfully guide their business through this radical shift? As markets are constantly transformed by new technologies and disruptor competitors, once successful business models designed to function in a different time now struggle as the mainstream changes. This book is the guide for organizations looking to turn downward trends into upward momentum and gain an edge on the competition. Now in its second edition, this book offers practical advice on how to understand the fit of an existing business model and reconstruct it with a forward-thinking approach. New illustrative case

studies of global organizations which have boldly transformed offer examples for change, including SAP, Netflix and Daimler. Business transformation is presented as a leadership challenge and methods to realize and implement opportunities for innovation company-wide are discussed in detail. Radical Business Model Transformation is essential reading for business leaders, transformation experts and MBA students interested in ensuring that their business model is future-proof and can withstand the new proliferation of innovations set to transform the business landscape.

This book constitutes revised papers from the nine workshops and one accompanying event which took place at the 22nd International Conference on Business Information Systems, BIS 2019, held in Seville, Spain, in June 2019. There was a total of 139 submissions to all workshops of which 57 papers were accepted for publication. The workshops included in this volume are: AKTB 2019: 11th Workshop on Applications of Knowledge-Based Technologies in Business BITA 2019: 10th Workshop on Business and IT Alignment BSCT 2019: Second Workshop on Blockchain and Smart Contract Technologies DigEX 2019: First International Workshop on transforming the Digital Customer Experience iCRM 2019: 4th International Workshop on Intelligent Data Analysis in Integrated Social CRM iDEATE 2019: 4th Workshop on Big Data and Business Analytics Ecosystems ISMAD 2019: Workshop on Information Systems and Applications in Maritime Domain QOD 2019: Second Workshop on Quality of Open Data SciBOWater 2019: Second Workshop on Scientific Challenges and Business Opportunities in Water Management

This book provides a conceptual framework of global value chains, flexibility and sustainability, supported by research projects, case applications and models in various related areas organized into three parts. In the first part of the book, various authors discuss how to improve the efficiency and effectiveness of global value chains through various types of analyses. While the focus is on cluster management, and mergers and joint ventures, the legal aspects of control and liability concerning the integration of value chains, is also examined in one of the contributions. The second part includes chapters concerning 'Strategy and Flexibility'. Strategies concern topics such as inventory management, talent management, strategic alignment, decision making, behavioural change and HR systems. The third and final part of the volume concerns the topic of 'Sustainability', wherein the contributions focus on various initiatives intended to promote sustainability across respective value chains bearing in mind the concept of flexibility. The book is a valuable resource for a varied audience, ranging from management students and researchers, to practicing business managers, as well as for professional institutions, consultants, and corporate organizations.

Advances in Urban Engineering and Management Science contains the selected papers resulting from the 2022 3rd International Conference on Urban Engineering and Management Science (ICUEMS 2022). Covering a wide range of topics, the Proceedings of ICUEMS 2022 presents the latest developments in: (i) Architecture and Urban Planning (Architectural design and its theory, Urban planning and design, Building technology science, Urban protection and regeneration, Urban development strategy, Ecological construction and intelligent control, Sustainable infrastructure); (ii) Logistics and supply chain management (Warehousing and distribution, Logistics outsourcing, Logistics automation, Production and material flow, Supply chain management technology, Supply chain risk management, Global service supply chain management, Supply Chain Planning and Inventory Management, Coordination and collaboration of supply chain networks, Governance and regulatory aspects affecting supply chain management); (iii) Urban traffic management (Smart grid management, Belt and Road Development, Intelligent traffic analysis and planning management, Big data and transportation management). The Proceedings of ICUEMS 2022 will be useful to professionals, academics, and Ph.D. students interested in the above-mentioned fields. Emphasis was put on basic methodologies, scientific development and engineering applications. ICUEMS 2022 is to provide a platform for experts, scholars, engineers and technical researchers engaged in the related fields of urban engineering management to share scientific research achievements and cutt-

ing-edge technologies, understand academic development trends, broaden research ideas, strengthen academic research and discussion, and promote the industrialization cooperation of academic achievements. Experts, scholars, business people and other relevant personnel from universities and research institutions at home and abroad are cordially invited to attend and exchange.

Succeed in your career in the dynamic field of commercial truck engine service with this latest edition of the most comprehensive guide to highway diesel engines and their management systems available today! Ideal for students, entry-level technicians, and experienced professionals, MEDIUM/HEAVY DUTY TRUCK ENGINES, FUEL & COMPUTERIZED MANAGEMENT SYSTEMS, Fifth Edition, covers the full range of commercial vehicle diesel engines, from light- to heavy-duty, as well as the most current management electronics used in the industry. In addition, dedicated chapters deal with natural gas (NG) fuel systems (CNG and LPG), alternate fuels, and hybrid drive systems. The book addresses the latest ASE Education Foundation tasks, provides a unique emphasis on the modern multiplexed chassis, and will serve as a valuable toolbox reference throughout your career. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Implement a powerful end-to-end SAP administration solution Get peak performance from your SAP ERP infrastructure using the detailed implementation, maintenance, and support information in this comprehensive resource. SAP Basis Administration Handbook, NetWeaver Edition delivers integrated management strategies covering both ABAP and Java stacks. Discover how to deploy components, accurately size throughout, configure Oracle databases, back up your system, and repair performance problems. Career trends, certification requirements, and marketable SAP Basis skills are also discussed in this practical guide. Essential Skills for SAP Professionals: Plan, prepare, and install SAP NetWeaver Application Server Set up, configure, and troubleshoot Java and ABAP stacks Establish server infrastructure and efficiently balance workloads Incorporate transport management and software logistics Resolve performance issues and startup problems Access SAP support infrastructure through SAP Service Marketplace Manage and back up Oracle databases using BR*-TOOLS Perform system copies, stack upgrades, and OS/DB migrations

Despite all efforts to create a political union capable of improving European citizens' quality of life, there are several barriers to the European Union's (EU) expansion to the Balkan Region. The EU enlargement and expansion to the Balkan Region is one of the Union's greatest challenges and political objectives in recent years. In the turmoil of economic, social, and sanitarian crises, where is the space to debate the enlargement of the EU? Challenges and Barriers to the European Union Expansion to the Balkan Region presents the EU's structure, the process of enlargement, and the challenges related to the Balkan region. This book addresses critical issues and challenges in the EU and the emerging trends for the EU's future. Covering topics such as enlargement policy, integration, NATO, and political challenges, this book is a valuable resource for post-grad students of political science and international affairs, faculty of higher education, researchers, academicians, politicians, world leaders, and policymakers.

Revised copy of Knowledge management in organizations, [2013]

Leveraging their extensive background at multi-national corporations, co-authors Shad Morris and James Oldroyd created an International Business course that is current, concise, and easy to implement. As instructors themselves, the authors focused on engaging pedagogy that prepares students for the global marketplace and created interactive resources to deepen the learning experience. This second edition of International Business includes extensive updates including coverage on important topics like COVID-19, Brexit and the US-China trade war. Additionally, the WileyPLUS course provides just-in-time resources like chapter introductory videos, whiteboard animations, cases/case application problems, adaptive practice, and more to help students apply their learning

and think critically.

This self-contained book presents the main techniques of quantitative portfolio management and associated statistical methods in a very didactic and structured way, in a minimum number of pages. The concepts of investment portfolios, self-financing portfolios and absence of arbitrage opportunities are extensively used and enable the translation of all the mathematical concepts in an easily interpretable way. All the results, tested with Python programs, are demonstrated rigorously, often using geometric approaches for optimization problems and intrinsic approaches for statistical methods, leading to unusually short and elegant proofs. The statistical methods concern both parametric and non-parametric estimators and, to estimate the factors of a model, principal component analysis is explained. The presented Python code and web scraping techniques also make it possible to test the presented concepts on market data. This book will be useful for teaching Masters students and for professionals in asset management, and will be of interest to academics who want to explore a field in which they are not specialists. The ideal pre-requisites consist of undergraduate probability and statistics and a familiarity with linear algebra and matrix manipulation. Those who want to run the code will have to install Python on their pc, or alternatively can use Google Colab on the cloud. Professionals will need to have a quantitative background, being either portfolio managers or risk managers, or potentially quants wanting to double check their understanding of the subject.

Swiss citizens approve of their government and the way democracy is practiced; they trust the authorities and are satisfied with the range of services Swiss governments provide. This is quite unusual when compared to other countries. This open access book provides insight into the organization and the functioning of the Swiss state. It claims that, beyond politics, institutions and public administration, there are other factors which make a country successful. The authors argue that Switzerland is an interesting case, from a theoretical, scientific and a more practice-oriented perspective. While confronted with the same challenges as other countries, Switzerland offers different solutions, some of which work astonishingly well.

For any organization to be successful, it must operate in such a manner that knowledge and information, human resources, and technology are continually taken into consideration and managed effectively. Business concepts are always present regardless of the field or industry – in education, government, healthcare, not-for-profit, engineering, hospitality/tourism, among others. Maintaining organizational awareness and a strategic frame of mind is critical to meeting goals, gaining competitive advantage, and ultimately ensuring sustainability. The Encyclopedia of Organizational Knowledge, Administration, and Technology is an inaugural five-volume publication that offers 193 completely new and previously unpublished articles authored by leading experts on the latest concepts, issues, challenges, innovations, and opportunities covering all aspects of modern organizations. Moreover, it is comprised of content that highlights major breakthroughs, discoveries, and authoritative research results as they pertain to all aspects of organizational growth and development including methodologies that can help companies thrive and analytical tools that assess an organization's internal health and performance. Insights are offered in key topics such as organizational structure, strategic leadership, information technology management, and business analytics, among others. The knowledge compiled in this publication is designed for entrepreneurs, managers, executives, investors, economic analysts, computer engineers, software programmers, human resource departments, and other industry professionals seeking to understand the latest tools to emerge from this field and who are looking to incorporate them in their practice. Additionally, academicians, researchers, and students in fields that include but are not limited to business, management science, organizational development, entrepreneurship, sociology, corporate psychology, computer science, and information technology will benefit from the research compiled within this publication.

The book focuses on key emerging areas concerning flexible systems management as an approach for transforming organizations. It is divided into three parts, discussing Enterprise Flexibility and Performance Management; Transformational Strategies and Organizational Competitiveness; and Supply Chain Flexibility. Part I addresses the integration aspects of learning, innovation, and entrepreneurship for organizational success, performance gains through cross-border acquisitions, flexibility measurement, and organizational competitiveness, impact of disinvestment, employability gaps and sustainable growth. Part II then examines risk governance structure, supporting culture, channel collaboration, waste management, IT-based process re-engineering, HR flexibility and adoption of big data as transformational strategies. Lastly, the third part investigates the development of a framework for a green flexible manufacturing system, measuring the effect of supp-

ly chain design on firm performance, exploring and ranking logistics service providers' best practices, and exploring the relationship between optimism and career planning in the context of manufacturing sector, and analyzes customers' emotional engagement and their inclinations towards the brand. The concept of flexibility is a common thread running through the three parts. The book is supported by both quantitative- and qualitative-based research as well as case applications relating to different areas of government and profit and not for profit organizations. Written by leading academics and practitioners, it is a useful resource for management students, scholars, consultants and practicing managers in both government and corporate sectors.

This edited volume focuses on the core aspects of sugarcane production-management under stressful environments as well as innovative strategies for augmenting crop growth & productivity through intrinsic and extrinsic manipulations. The various chapters aim at bringing out comprehensive and advance information on different aspects of sugarcane cultivation under stress environments and impact of climate change on the sustainability of sugarcane production. The book encompasses information about crop production management, physiological & nutritional requirements, ratooning, ripening and post-harvest losses management. It also delineates various technologies that support the continued use and improvement of sugarcane as renewable source of food, fiber and bio-energy. The manipulations at cellular and molecular levels, molecular breeding approaches and post-harvest technologies are also included. The area under sugarcane cultivation is gradually increasing because of its diversification potential. The high productivity and biomass of the cane crop also makes it a key source for use as bio-energy crop and a promising raw material for bio-based agro-industries. However, poor crop & biomass productivity due to abiotic stress is the foremost constraint in its future commercial exploitation as sustainable feed-stock for bio-based industries. It is therefore imperative to understand the cellular-molecular modulation responsible to productivity barrier under specific stress situation(s) for better sugarcane quality and quantum under field condition. Some of these innovative approaches are delineated in this book. This book is of interest to progressive sugarcane growers, millers, industrial entrepreneurs, sugarcane scientists, cane development and extension officers, sugar industry managers and valuable source of reference worldwide.

Run your SAP system on Microsoft Azure with this guide to architecture design and system administration! Get to know Microsoft Azure and its prerequisites, service options, and supported SAP products. Plan and build your system to last with high availability and disaster recovery, and then see how to migrate and operate your system once it's live. Learn to configure and use encryption, backups, automation, compliance, and other key features. Make your cloud project painless! a. Designing Your System Begin with design considerations: sizing, availability, security, cost, and more. Then understand Microsoft Azure's architecture and recommended practices for architecture design and service configuration. Walk through network architecture, storage options, and optimizations for your system. b. Operating Your System Make sure your system is operating at peak efficiency with tools like SAP Solution Manager and Azure monitor, and keep the bottom line in mind with cost management tools. c. Protecting Your System Hope for the best, plan for the worst. Make sure your system can run without significant downtime (high availability) and can be restored in the event of failure (disaster recovery). Leverage backup mechanisms, shared storage, and encryption to make your system resilient! d. Preparing for Migration Evaluate your migration readiness, preview the states of any migration project, and begin planning your migration. 1) Architecture 2) Deployment models and infrastructure 3) High availability and disaster recovery 4) Automation 5) Encryption 6) Governance and compliance 7) Backup and recovery 8) Migration 9) Operations and monitoring 10) Case studies

Preparing for your SAP HANA 2.0 technology associate exam? Make the grade with this C - HANATEC - 16 certification study guide! From installation and configuration to monitoring and troubleshooting, this guide will review the key technical and functional knowledge you need to pass with flying colors. Explore test methodology, key concepts for each area, and practice questions and answers. Your path to SAP HANA 2.0 certification begins here! --

SAP S/4HANA is here, and the stakes are high. Get your project right with this guide to SAP Activate! Understand the road ahead: What are the phases of SAP Activate? Which activities happen when? Start by setting up a working system, then walk through guided configuration, and learn how to deploy SAP S/4HANA in your landscape: on-premise, cloud, or hybrid. Take advantage of SAP Activate's agile methodology, and get the guidance you need for a smooth and successful go-live! In this book, you'll learn about: a. Foundations Get up to speed with SAP Activate. Learn about key concepts like fit-to-standard and fit/gap analysis, understand the methodology, and walk

through the key phases of project management. b. Tools and Technologies Open up your SAP Activate toolkit. See how to access SAP Activate content with SAP Best Practices Explorer, SAP Solution Manager, and more. Then, use SAP Best Practices and SAP Model Company to set up a working system for your workshops. c. Deployment Deploy SAP S/4HANA, step by step. Follow detailed instructions to plan, prepare for, and execute your on-premise or cloud deployment activities according to SAP Activate. Walk through key scenarios for a hybrid implementation of SAP S/4HANA in your landscape. Highlights Include: 1) Deployment 2) Guided configuration 3) Agile project delivery 4) SAP Best Practices 5) SAP Model Company 6) Organizational change management 7) SAP S/4HANA 8) SAP S/4HANA Cloud 9) Hybrid landscapes 10) C_ACTIVATE05 certification

Prepare for success on the 2022 CFA Level I exam with the latest official CFA® Program Curriculum. The 2022 CFA Program Curriculum Level I Box Set contains all the material you need to succeed on the Level I CFA exam in 2022. This set includes the full official curriculum for Level I and is part of the larger CFA Candidate Body of Knowledge (CBOOK). Highly visual and intuitively organized, this box set allows you to: Learn from financial thought leaders. Access market-relevant instruction. Gain critical knowledge and skills. The set also includes practice questions to assist with your recall of key terms, concepts, and formulas. Perfect for anyone preparing for the 2022 Level I CFA exam, the 2022 CFA Program Curriculum Level I Box Set is a must-have resource for those seeking the foundational skills required to become a Chartered Financial Analyst®.

This research scholarly illustrated book has more than 250 illustrations. The simple models of supervised machine learning with Gaussian Naïve Bayes, Naïve Bayes, decision trees, classification rule learners, linear regression, logistic regression, local polynomial regression, regression trees, model trees, K-nearest neighbors, and support vector machines lay a more excellent foundation for statistics. The author of the book Dr. Ganapathi Pulipaka, a top influencer of machine learning in the US, has created this as a reference book for universities. This book contains an incredible foundation for machine learning and engineering beyond a compact manual. The author goes to extraordinary lengths to make academic machine learning and deep learning literature comprehensible to create a new body of knowledge. The book aims at readership from university students, enterprises, data science beginners, machine learning and deep learning engineers at scale for high-performance computing environments. A Greater Foundation of Machine Learning Engineering covers a broad range of classical linear algebra and calculus with program implementations in PyTorch, TensorFlow, R, and Python with in-depth coverage. The author does not hesitate to go into math equations for each algorithm at length that usually many foundational machine learning books lack leveraging the JupyterLab environment. Newcomers can leverage the book from University or people from all walks of data science or software lives to the advanced practitioners of machine learning and deep learning. Though the book title suggests machine learning, there are several implementations of deep learning algorithms, including deep reinforcement learning. The book's mission is to help build a strong foundation for machine learning and deep learning engineers with all the algorithms, processors to train and deploy into production for enterprise-wide machine learning implementations. This book also introduces all the concepts of natural language processing required for machine learning algorithms in Python. The book covers Bayesian statistics without assuming high-level mathematics or statistics experience from the readers. It delivers the core concepts and implementations required with R code with open datasets. The book also covers unsupervised machine learning algorithms with association rules and k-means clustering, metal-learning algorithms, bagging, boosting, random forests, and ensemble methods. The book delves into the origins of deep learning in a scholarly way covering neural networks, restricted Boltzmann machines, deep belief networks, autoencoders, deep Boltzmann machines, LSTM, and natural language processing techniques with deep learning algorithms and math equations. It leverages the NLTK library of Python with PyTorch, Python, and TensorFlow's installation steps, then demonstrates how to build neural networks with TensorFlow. Deploying machine learning algorithms require a blend of cloud computing platforms, SQL databases, and NoSQL databases. Any data scientist with a statistics background that looks to transition into a machine learning engineer role requires an in-depth understanding of machine learning project implementations on Amazon, Google, or Microsoft Azure cloud computing platforms. The book provides real-world client projects for understanding the complete implementation of machine learning algorithms. This book is a marvel that does not leave any application of machine learning and deep learning algorithms. It sets a more excellent foundation for newcomers and expands the horizons for experienced deep learning practitioners. It is almost inevitable that there will be a series of more advanced algorithms follow-up books from the author in some shape or form after setting such a perfect foundation for ma-

chine learning engineering.

This book, the third one of three volumes, focuses on data and the actions around data, like storage and processing. The angle shifts over the volumes from a business-driven approach in “Disruption and DNA” to a strong technical focus in “Data Storage, Processing and Analysis”, leaving “Digitalization and Machine Learning Applications” with the business and technical aspects in-between. In the last volume of the series, “Data Storage, Processing and Analysis”, the shifts in the way we deal with data are addressed.

This book is the first to present a rich selection of over 30 real-world cases of how leading organizations conduct Business Process Management (BPM). The cases stem from a diverse set of industry sectors and countries on different continents, reporting on best practices and lessons learned. The book showcases how BPM can contribute to both exploitation and exploration in a digital world. All cases are presented using a uniform structure in order to provide valuable insights and essential guidance for students and practitioners.

Attention administrators! Are you pursuing a background in SAP Basis, or just seeking brush up on your skills? If so, look no further than this practical guide! Updated for SAP NetWeaver 7.4, this resource offers the fundamental concepts of system administration, with step-by-step instructions and hundreds of screenshots. From system monitoring with SAP Solution Manager to database administration and disaster recovery, learn how to handle everything from the routine to the occasional hiccup.

Designing and controlling the process of production and redesigning business operations in the production of goods or services is what Operations Management is all about. This book is a concise volume on all those bare essentials of Operations Management. Authored with a practical approach, the book focuses on applications involved in Operations Management which are used to streamline the systems and functions of any organization. The chapters are well-supported with Cases, Solved Examples, and Numerical Problems. The book is also incorporated with Appendices on the Standard and Normal Distribution Table, the Poisson Distribution Table, and Linear Programming to make the calculations on statistics and mathematics easy. Designed as a text for the undergraduate students of Engineering (Mechanical) and postgraduate students of Management, the book is equally useful as a handy reference for Engineers, Operations Managers and Management Professionals.

This book gives a comprehensive overview on Software Product Management (SPM) for beginners as well as best practices, methodology and in-depth discussions for experienced product managers. This includes product strategy, product planning, participation in strategic management activities and orchestration of the functional units of the company. The book is based on the results of the International Software Product Management Association (ISPMA) which is led by a group of SPM experts from industry and research with the goal to foster software product management excellence across industries. This book can be used as textbook for ISPMA-based education and as guide for anybody interested in SPM as one of the most exciting and challenging disciplines in the business of software. Hans-Bernd Kittlaus is the Chairman of ISPMA and owner and managing director of InnoTivum Consulting, Germany. Samuel Fricker is Board Member of ISPMA and Professor at FHNW, Switzerland.

In this book, leading international experts describe and discuss the various techniques available for the screening, diagnosis, management, and follow-up of digestive diseases, providing clinically useful, up-to-date reviews that draw upon their own experience and focus attention on the most recent advances in the field. Among the wide range of topics covered are the use of confocal laser endomicroscopy in the gastrointestinal tract, endoscopic suture systems, endoscopic submucosal dissection, per oral endoscopic myotomy, and cholangioscopy systems. The experience of a leading surgical group in the application of endoscopic radiofrequency ablation in pancreatic cancer is reported, and new surgical and endoscopic techniques for the treatment of Zenker's diverticulum are proposed. The closing chapters examine the present and future of esophageal motility testing and

the diagnostic yield of novel parameters in reflux monitoring. In addition to the discussion of techniques, advice is provided on training, endoscopy and imaging equipment, and set-up of endoscopy units during procedures.

Geminivirus: Detection, Diagnosis and Management focuses on the latest techniques for managing diseases caused by these circular, single-stranded (ss) DNA genomes. The most significant impact of plant diseases in host populations is often caused by emerging diseases, whose incidence in a plant host is increasing as a result of long-term changes in their underlying epidemiology. Genetic changes in pathogen and host populations, as well as changes in host ecology and environment, are major factors contributing to disease emergence. Understanding plant virus evolution is crucial for modeling the within-host and between-host dynamics and genetics of virus populations. The book presents a comprehensive review of how these viruses develop, including contributing factors such as population bottlenecks during cell-to-cell movement, systemic colonization, or between-host transmission by different procedures. Presented in five sections—Detection and Diagnosis, Emergence and Diversity, Vector and Transmission, Virus-Host Interaction, and Disease Management, the book includes host range determinant and virulence factors involved in pathogenesis, virus-vector interactions during acquisition, retention, and transmission and evaluating management strategies to control Geminivirus. The book is an essential reference for students and researchers interested in plant virology, particularly begomoviruses, geminiviruses, and vector transmission biology. Introduces identification and characterization of geminiviruses that infect agricultural crops, their wild relatives, and weed hosts Discusses recombination and reassortment mechanisms influencing viral genetic diversity, virulence, and vector transmission Explores the origin, evolution, and bottlenecks of Geminiviruses Introduces identification and characterization of geminiviruses that infect agricultural crops, their wild relatives, and weed hosts Discusses recombination and reassortment mechanisms influencing viral genetic diversity, virulence, and vector transmission Explores the origin, evolution, and bottlenecks of Geminiviruses

Project Management covers the full range of issues of vital concern to IT managers working in today's hurry-up, budget-conscious business environment. The handbook provides valuable advice and guidance on how to get projects finished on-time, within budget, and to the complete satisfaction of users, whether a high-tech, low-tech, financial, manufacturing, or service organization. Project Management Handbook brings together contributions from an all-star team of more than 40 of experts working at leading enterprise organizations and consulting firms across America, and around the world. With the help of dozens of fascinating and instructive case studies and vignettes, reporting experiences in a wide range of business sectors, those experts share their insights and experience and extrapolate practicable guidelines and actions steps that project managers can put to work on their current projects.

This book explains the functional scope, the data model, the solution architecture, the underlying engineering concepts, and the programming model of SAP S/4HANA as the most well-known enterprise resource planning (ERP) system. The approach is to start with general concepts and then to proceed step-by-step to concrete implementations in SAP S/4HANA. In the first part the reader learns about the market view of ERP solutions and vendors. The second part deals with the business processes for sales, marketing, finance, supply chain, manufacturing, services, procurement, and human resources which are covered with SAP S/4HANA. In the third part the underlying concepts of SAP S/4HANA are described, for example in-memory storage, analytics and search, artificial intelligence, process and data integration, security and compliance, lifecycle management, performance and scalability, configuration and implementation. The book is concluded with a final chapter explaining how to deploy an appliance to explore SAP S/4HANA. The target audience for the book are managers and business analysts who want to understand the market situation and future ERP trends, end users and process experts who need to comprehend the business processes and the according solution capabilities provided with SAP S/4HANA, architects and developers who

have to learn the technical concepts and frameworks for enhancing SAP S/4HANA functionality, and consultants and partners who require to adopt and configure SAP S/4HANA.

This management book presents value-driven business process management as a successful discipline to turn strategy into people- and technology-based execution, quickly and at minimal risk. It shows how to achieve high performance successfully in a digital business environment. Static business models do not keep pace with the dynamic changes in our digital world. Organizations need a management approach that fits this environment and capitalizes on its opportunities while minimizing the related risks. They need to execute their business strategy fast and reliably. In effect, they have to know how and when to modify or enhance their business processes, which processes are the best candidates for intervention, and how to move rapidly from strategy to execution. This means organizations need to establish business process management as a real management discipline. The importance of process innovation, digital technology and people aspects, process governance, internationalization, emerging processes and the unique situation in mid-market organizations are some of the key topics discussed in this book. It ends with a comprehensive case study and a discussion about what process engineers can learn from jazz musicians.

This book reviews the unique ecosystem of the Lake Skadar/Shkodra and its basin, and discusses the latest advances made in this region to face the impact of climate change. Divided into 23 chapters, the book gathers leading expertise from various scientific and engineering communities and provides readers with extensive discussions of core issues, including the water and sediment chemistry of Lake Skadar/Shkodra and the metal pollution that is evident in plants, aquatic invertebrates and fish. Readers will discover how a sustainable science-based management approach can be applied to the Lake Skadar/Shkodra region, and will learn about the environment prospects for the region. This book is intended as an essential tool for all scientists interested in the Lake Skadar/Shkodra environment - in particular those investigating the interactions between land and water, between limnology and biota, and between natural and cultural resources.

Dynamic economics, technological changes, increasing pressure from competition and customers to improve manufacturing and services are some of the major challenges to enterprises these days. New ways of improving organizational activities and management processes have to be created, in order to allow enterprises to manage the seemingly intensifying competitive markets successfully. Enterprises apply business optimizing solutions to meet new challenges and conditions. But also ensuring effective development for long-term competitiveness in a global environment. This is necessary for the application of qualitative changes in the industrial policy. “New Trends in Process Control and Production Management” (MTS 2017) is the collection of research papers from authors from seven countries around the world. They present case studies and empirical research which illustrates the progressive trends in business process management and the drive to achieve enterprise development and sustainability.

All CFA® Program exams through November 2021 will reflect the 2020 curriculum. Purchase your copy and begin studying for Level I now! The CFA® Program Curriculum 2020 Level I Box Set provides candidates and other motivated investment professionals with the official curriculum tested on the Level I CFA exam. This box set includes all the content Chartered Financial Analyst® candidates are expected to know for the Level I exam, including concise instruction on the 10 core topics covered in the Candidate Body of Knowledge (CBOK). Utilizing engaging visuals, cases, and examples to illustrate key concepts, this box set helps candidates apply what they learn in real-world investment scenarios. The CFA® Program Curriculum 2020 Level I Box Set offers: A comprehensive Learning Ecosystem designed to take you through the entire curriculum or help you focus on areas where you need additional study time. Practice questions to assist with your recall of key terms, concepts, and formulas. Mock exams to help you become accustomed to the pace and pressure of the real-world exam. Perfect for anyone considering the CFA® designation or currently preparing for a 2021 exam window, the 2020 Level I Box Set is a must-have resource for building basic skills required to become a Chartered Financial Analyst®.