This book reports on practical approaches for facilitating the process of achieving excellence in the management and leadership of organizational resources. It shows how the principles of creating shared value can be applied to ensure faster learning, training, business development, and social renewal. In particular, the book presents novel methods and tools for tackling the complexity of management and learning in both business organizations and society. It covers ontologies, intelligent management systems, methods for creating knowledge and value added. It gives novel insights into time management and operations optimization, as well as advanced methods for evaluating customers' satisfaction and conscious experience. Based on two conferences, the AHFE 2017 International Conference on Human Factors,
Business Management and Society and the AHFE 2017 International Conference on Human Factors in Management and Leadership, held on July 17-21, 2017, in Los Angeles, California, USA, the book provides both researchers and professionals with new tools and inspiring ideas for achieving excellence in various business activities. It has become a widely-recognized fact that entrepreneurs and information technology have become the backbone of the world economy. The increasing penetration of IT in society and in most of industries/businesses, as well as the joining forces of entrepreneurship and innovation in the economy, reinforce the need for a leading and authoritative research handbook to disseminate leading edge findings about entrepreneurship and innovation in the context of IT from an international perspective. Information Technology Entrepreneurship and Innovation presents current studies on the nature, process and practice of entrepreneurship and innovation in the development, implementation, and application of information technology worldwide, as well as providing academics, entrepreneurs, managers, and practitioners with up-to-date, comprehensive, and rigorous research-based articles on the formation and implementation of effective strategies and business plans.

This volume discusses the challenge of dealing with complexity in entrepreneurship, innovation and technology research. Businesses as well as entire economies are increasingly being confronted by widespread complex systems. Fields such as entrepreneurship and innovation cannot ignore this reality, especially with their inherent links to diverse research fields and interdisciplinary methods. However, most methods that allow more detailed analyses of complex problems are either neglected in mainstream research or are, at best, still emerging. Against this backdrop, this book provides a forum for the discussion of emergent and neglected methods in the context of complexity in entrepreneurship, innovation and technology research, and also acts as an inspiration for academics across related disciplines to engage more in complexity research.

Regional Development and Conditions for Innovation in the Network Society looks at fundamental changes at the start of the new millennium as innovation is gaining increasing importance for local economic prosperity and the emergence of learning societies. While much attention has been devoted to information and communication technologies, this analysis shows that innovation infrastructures should be understood as a broad framework for social and economic activities that transcends any specific technology and should be tied to attitudes and behaviors oriented towards the exploitation of change by adding value. This work builds on the idea of inclusive learning, which entails a process of shared prosperity across the globe following local-specific conditions. Inclusive learning also argues that it is crucial to understand the features of knowledge-induced growth in rich countries, as well as the challenges and opportunities for late-industrialized and less developed countries. To achieve these objectives, the relative importance of infrastructures and incentives is considered an increasingly important role in institutions towards the development of social capital. Learning societies will increasingly rely on "distributed knowledge bases," as a systematically coherent set of knowledge, maintained across an economically and/or socially integrated set of agents and institutions.

Present an overview of empirical and conceptual developments in the study of high-tech entrepreneurs from an interdisciplinary and multinational perspective. This book explores various conceptual frameworks and definitions of high-tech entrepreneurs and of the entrepreneurial process based on studies in different settings and contexts."
focused on key issues concerning technology in business"--Provided by publisher. Through the last decade, Internet technologies such as electronic commerce have experienced exponential growth, and emerging issues surrounding this phenomenon have necessitated the amassment of research on the cognitive impact of electronic commerce technologies around the world. Web Technologies for Commerce and Services Online delivers a global perspective on the influence of electronic commerce on organizational behavior, development, and management in organizations, discussing issues such as information security; strategic management of electronic commerce; organizational learning; business process management; mediated enterprises; and electronic marketplaces. With the new insights it delivers on this rapidly evolving technological and commercial domain, this incisive reference will prove an essential addition to library collections worldwide.

Provides ideas on how intellectual capital through emerging technologies can support business performance. Covers topics such as competitive strategy, human resource management, and organizational learning. Technology, Business and the Market provides an understanding of the connections between developing technologies, research and development, industrial design and the means by which these elements are managed to produce desirable products. John Sheldrake’s long experience of teaching business and management to engineers has highlighted a gap in the knowledge of students and practitioners alike, between their grasp of developments in science and technology and then how these developments lead to the creation of successful products. Using case studies examining the impact of new materials, techniques and technologies, this book explores the linkages between innovation, entrepreneurship, business (including finance), design, manufacturing, branding and marketing.

This comprehensive volume introduces the nature and the impact of the new information and communication technologies on business and society. Emphasizing the global impact, it draws upon examples from the USA, Europe, and Japan as well as the newly industrialized countries of the Pacific Rim. Applying a systems thinking approach, author Stephen D. Tansey covers: the environment of computing the IT industry, government and the information economy - and the recent development of e-government initiatives the need to regulate computing the role of IT in the workplace: its effect on organizations and jobs the impact of IT on society at large. Written for students studying business or IT, this book is an invaluable resource offering topical insights into the ways in which information technology is shaping our work and our lives. Without assuming any prior knowledge of either business or IT, this key text provides a unique, essential guide.

This innovative edited collection explores digital business models (DBMs) in theory and practice to contribute to knowledge of how companies, organizations and networks can design, implement and apply DBMs. It views DBMs in a range of contexts and forms, which can be integrated in a number of ways, and aims to inspire and enable academics, students and practitioners to seize the opportunities posed by digital business models, technologies and platforms. One of the first and comprehensive contributions to the field of DBMs and digital business model innovations (DBMI), the authors discuss the opportunities, challenges, technologies, implementation and value creation, customer and data protection processes of DBMs in different contexts. Globalization has created an increase in the number of business opportunities presented to enterprises. A competitive market places demands on businesses to think differently and follow new
access free information technology entrepreneurship and innovation approaches to managing their business goals and remaining acceptable to suppliers and service providers. Effective Open Innovation Strategies in Modern Business: Emerging Research and Opportunities is a comprehensive resource that focuses on the importance of interdisciplinary concepts in open innovation projects. Using case illustrations, the book examines concepts such as virtual reality, knowledge harvesting, and business process reengineering in relation to open innovation initiatives. As a publication exploring the areas of management and information technology disciplines, this resource is useful for corporate executives, business managers, entrepreneurs, business professionals, and graduate-level students seeking current research on business innovation techniques and approaches.

Moving beyond the narrow confines of a "how to" of innovation management, The Business of Innovation takes a contemporary approach reflecting on the wider, external contexts in which management decisions are made. Recognizing the unique needs of the technology startup, Duening focuses on intellectual property development, funding, and marketing/selling more than other texts in this market. Extensive use of technology examples, case studies, and assignments keeps the book relevant and motivating for engineering students. Rich in case studies, examples, and in-chapter elements that focus on the challenges of launching and operating a technology venture In-depth examination of intellectual property development, valuation, deal structuring, and equity preservation, issues of most relevance to technology start-ups Extensive discussion of technology management and continuous innovation as a competitive advantage Addresses the issue of leading, managing, motivating, and compensating technical workers More time on the fundamentals of marketing and selling, as these are elements of entrepreneurship commonly most neglected by engineers and scientists Many businesses around the world use technology as a means to set-up, run and improve their commercial performance but not all countries have sufficient access to technology. In fact the "digital divide" between rich and poor countries is one of the major international challenges facing our society. Technology Business Incubation describes a concept whereby technological support and services are offered to start-up companies in the fields of engineering, science and technology to help them further their own research and develop viable businesses. Aimed at developed and developing countries this concept could provide a solution in bridging the knowledge gap. Written by Rustam Lalkaka, a well-known expert in the field, the toolkit provides invaluable information for carrying out feasibility studies; preparing business plans; choosing a location; finding sponsors; selecting managers and tenants; and monitoring a technology business incubator. Annexes contain checklists and report pro formas to help prepare relevant documents based on local needs.

As technology continues to evolve, existing business models become limited with respect to complexity and speed. Accordingly, significant transformation has shaped the economy and business environments in recent decades. Implementing New Business Models in For-Profit and Non-Profit Organizations: Technologies and Applications provides relevant theoretical frameworks and the latest empirical research findings on a new platform of business models and then explores the relationship between the new Business 2.0 alliance and Web 2.0. The Springer book series Innovation, Technology, and Knowledge Management was launched in March 2008 as a forum and intellectual, scholarly podium for global/local, transdisciplinary, transsectoral, public/private, and leading bleeding-edge ideas, theories, and
perspectives on these topics. The book series is accompanied by the Springer Journal of the Knowledge Economy, which was launched in 2009 with the same editorial leadership. The series showcases provocative views that diverge from the current conventional wisdom, that are properly grounded in theory and practice, and that consider the concepts of robust competitiveness, sustainable entrepreneurship, and democratic capitalism, central to its philosophy and objectives. More specifically, the aim of this series is to highlight emerging research and practice at the dynamic intersection of these fields, where individuals, organizations, industries, regions, and nations are harnessing creativity and invention to achieve and sustain growth. Books that are part of the series explore the impact of innovation at the macro (economies, markets), meso (industries, firms), and micro (teams, individuals) levels. Drawing from such related disciplines as finance, organizational psychology, research and development, science policy, information systems, and We define sustainable entrepreneurship as the creation of viable, profitable, and scalable firms. Such firms engender the formation of self-replicating and mutually enhancing innovation networks and knowledge clusters (innovation ecosystems), leading toward robust competitiveness (E.G. Carayannis, International Journal of Innovation and Regional Development, 1(3), 235–254, 2009). Innovating in Product/Process Development demonstrates how to achieve true innovation in product development, and how to launch a new product in the quickest and cheapest way. The new approach to product development proposed in this book is based on the most recent research in the field. It suggests the integration of several tools that are currently only used independently, with the aim of stimulating the creation of innovative ideas in general, and specifically in the areas of product/process improvements and problem solving. Innovating in Product/Process Development explores different aspects of innovation processes in twenty-first century industry from a global economic perspective. It presents in detail several approaches to support these processes, from ICT-based systems to collaborative working environments, all of which will be of interest to MBA or advanced students; researchers; and design teams charged with the creation of new product lines. The regional development of society and economy are closely related with innovative capacities. As the benefits of Regional information systems in establishing innovative regional planning are more widely recognized, there is a greater demand for a definitive text on the nascent subject. Regional Innovation Systems and Sustainable Development: Emerging Technologies promotes scientific discussion on standards and practices of regional development, while also covering emerging research topics in regional innovation systems and sustained development. A leading source of information from experts in the field, this text demonstrates the capacity of regional innovation systems, information technology, management and sustainable development for the mutual understanding, prosperity and well being of all the citizens in the world. Technology has emerged as an important component in businesses and organizations by allowing for modern innovations through the internet and other information and communication technologies. Modern Entrepreneurship and E-Business Innovations provides advanced knowledge of e-entrepreneurship and innovation as well as emerging theories, applications and challenges. This book is an essential reference source for researchers, practitioners, and executives interested in a better understanding of a comprehensive framework for e-business and entrepreneurship. The impact of information technology, innovation and entrepreneurship on economic performance is the
subject of heated debate. This special edition of the Science, Technology and Industry Outlook takes a closer look at the ways in which these factors are evolving and how they relate to each other. Managing Technology Entrepreneurship and Innovation is the first textbook for non-business based entrepreneurship courses, focused on students with a background in science and technology. Its comprehensive, rigorous and yet accessible approach originates from the authors' considerable experience mentoring students as they turn their technological ideas into real-life business ventures. The text is separated into three parts providing a roadmap for successful entrepreneurial projects: Part I focuses on how to create your venture, turning technology into businesses and how to link together entrepreneurship and innovation. Part II shows you how to grow your venture and make it profitable, looking at the early development of academic spin-outs and how to adapt your technology to the customers' needs. Part III takes you through the day-to-day running on your business; whether to adopt a contingency or contextual approach, how to develop new products and services and alternative options for growth. With a wide range of practical steps, lists of things to consider and guidelines on how to turn your technology based ideas into a successful business, this text will be essential for all non-business students who need to understand entrepreneurship, management and innovation. It will also prove a useful introduction to all Masters-level students taking these subjects in business schools. Shows how information technology can be put to work to transform business organizations. The National Study on Intellectual Property and Small and Medium-Sized Enterprises - India, under the WIPO Development Agenda is a study that has relied on information and data collected through surveys, annual reports of the Office of Controller General of Patents, Designs, Trademarks and Geographical Indications, Government of India; publications of Government of India, other published research reports and studies and interviews and opinions of experts. This book constitutes the refereed proceedings of the 4th International Conference on Digital Economy, ICDEc 2019, held in Beirut, Lebanon, in April 2019. The conference was founded in 2016 to discuss innovative research and projects related to the support role of Information System Technologies in the digital transformation process, business innovation and e-commerce. The 31 papers presented in this volume were carefully reviewed and selected from 89 submissions. The theme of ICDEc 2019 was "Digital Economy: Emerging Technologies and Business Innovation". The papers were organized in topical sections named: digital transformation; e-finance; social media communication; intelligent systems; e-commerce and business analytics; e-learning and cloud education; e-commerce and digital economy; data science; digital marketing; and digital business model. Information Technology for Small Business: Managing the Digital Enterprise provides an overview of how small and medium business enterprises (SMEs) can use flexibility, agility, and anticipation strategies to better utilize information technology and knowledge management. Because small and medium businesses tend to be late technology adopters, they could miss versatile and strategic workforce advantages that enable them to achieve higher efficiency and effectiveness through technology. This book shows these SMEs new technology trends that can transform the nature of their operations both in an evolutionary business path and through revolutionary opportunities. Information Technology for Small Business: Managing the Digital Enterprise applied correctly to small and medium business can be used as a strategic tool to reach growth and profit goals for the
SMEs competing in a very dynamic and global marketplace. Examples include: identifying ways that IT can be used to develop strong relationships with customers and suppliers, and how to select the best technologies for business needs. Information Technology for Small Business: Managing the Digital Enterprise targets SME owners, educators, and practitioners working in the related fields of management, IT, IS, and CS-related disciplines. Advanced-level students and policy makers focusing on SMEs will also find this book valuable in terms of main concepts for discussion. Technology Entrepreneurship: Taking Innovation to the Marketplace, Third Edition provides a practical toolkit for potential entrepreneurs with technology backgrounds that will help them navigate complex issues such as raising capital, IP protection, product development, and more. The book's structure follows the entrepreneurial process in a step-by-step way, defining key terms and helping readers without business qualifications engage with the activities addressed. In addition, it covers a discussion of current trends and developments relevant for tomorrow's entrepreneurs. In-depth information on the practicalities of technology entrepreneurship are combined with experience from academics to provide a unique resource on how to approach this crucial subject. Presents an intense focus on product design and development, with customers and markets in mind Includes extensive discussions on intellectual property development, management and protection Provides potent insights into marketing and selling technology products to the global marketplace Covers techniques for forecasting financials, raising funds, establishing venture valuation, and exit strategies"This book provides information on emerging trends in business innovation, entrepreneurship, and marketing strategies. While highlighting challenges such as successful social media interactions and consumer engagement, this book explores valuable information within various business environments and industries such as e-commerce, small and medium enterprises, hospitality and tourism management, and customer relationship management"--This book introduces the students, researchers and practitioners into the subject and enabling technologies and applications pertaining to of technology, entrepreneurship and business development through research articles, case studies etc. It is primarily intended for academic purposes for learners of computer Science, management, accounting and information systems disciplines, economics, entrepreneurship. Publishing chapters in the book is new innovative idea to spread the book in the Middle East and Arab countries and make the book achieve more sales. As many students in all levels, graduates and undergraduates in addition to research, professionals are not able to get sufficient resources because of the language concern. Information and communication technologies related to digital networks enable the continued rise of entrepreneurial business opportunities and inventive business models. E-Entrepreneurship and ICT Ventures: Strategy, Organization and Technology provides a unique and quintessential overview of the current state of conceptual and empirical research at the interface of e-business and entrepreneurship research. Contributing an enhanced understanding of the important interface of e-business and entrepreneurship, this reference publication brings together leading academics and practitioners from around the world, offering essential reading material for students, educators, managers, entrepreneurs, and political decision makers interested in applying and fostering e-business concepts in an entrepreneurial environment. Enhances libraries worldwide through top research compilations from over 250 international authors in the field of e-business. This volume of Eurasian Studies in Business and
Economics includes selected papers from the 22nd Eurasia Business and Economics Society (EBES) Conference in Rome. It presents original empirical research from several countries and regions including many developing economies such as Poland, Russia, Tunisia, Lebanon, Belarus, and Lithuania. Both the theoretical and empirical papers in this volume cover diverse areas of business and management from various regions. The main focus is on sharing the latest research results on evolving approaches to entrepreneurship research, behavioral aspects of entrepreneurship and SME development, and policy development. The volume also includes related studies that analyze international business cooperation, performance assessment, and a range of other current topics. In order to establish and maintain a successful company in the digital age, managers are digitally transforming their organizations to include such tools as disruptive technologies and digital data to improve performance and efficiencies. As these companies continue to adopt digital technologies to improve their businesses and create new revenues and value-producing opportunities, they must also be aware of the challenges digitalization can present. Business Transformations in the Era of Digitalization is a collection of innovative research on the latest trends, business opportunities, and challenges in the digitalization of businesses. Highlighting a range of topics including business-IT alignment, cloud computing, Internet of Things (IoT), business sustainability, small and medium-sized enterprises, and digital entrepreneurship, this book is ideally designed for managers, professionals, consultants, entrepreneurs, and researchers.

Profiling Smart Development: A thorough comparative empirical review of real and best e-Development policies and practices towards the Knowledge Economy. Based on the analysis of policies, practices and empirical development case studies, this book provides a methodology for matching development stage and development strategy, identifying best and real policies and practices for the most appropriate use of information and communication technologies (ICT) and knowledge to foster innovation and entrepreneurship and trigger, catalyze and accelerate sustainable development.

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