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Part II of the Constitution of the Presbyterian Church (U.S.A.)

Pop City examines the use of Korean television dramas and K-pop music to promote urban and rural places in South Korea. Building on the phenomenon of Korean pop culture, Youjeong Oh argues that pop culture-featured place selling mediates two separate domains: political decentralization and the globalization of Korean popular culture. The local election system introduced in the mid 90s has stimulated strong desires among city mayors and county and district governors to develop and promote their areas. Riding on the Korean Wave—the overseas popularity of Korean entertainment, also called Hallyu—Korean cities have actively used K-dramas and K-pop idols in advertisements designed to attract foreign tourists to their regions. Hallyu, meanwhile, has turned the Korean entertainment industry into a speculative field into which numerous players venture by attracting cities as sponsors. By analyzing the process of culture-featured place marketing, Pop City shows that urban spaces are produced and sold just like TV dramas and pop idols by promoting spectacular images rather than substantial physical and cultural qualities. Popular culture-associated urban promotion also uses the emotional engagement of its users in advertising urban space, just as pop culture

draws on fans' and audiences' affective commitments to sell its products. Oh demonstrates how the speculative, image-based, and consumer-exploitive nature of popular culture shapes the commodification of urban space and ultimately argues that pop culture-mediated place promotion entails the domination of urban space by capital in more sophisticated and fetishized ways.

NSCA's Guide to Sport and Exercise Nutrition provides valuable information and guidelines that address the nutrition needs for the broad range of clientele serviced by strength and conditioning professionals, personal trainers, and sport dietitians. Whether you work with fitness enthusiasts or competitive athletes, this resource will lead you through the key concepts of sport and exercise nutrition so that you can assess an individual's nutrition status and—if it falls within your scope of practice—develop customized nutrition plans. Developed by the National Strength and Conditioning Association (NSCA) and subjected to an intensive peer-review process, this authoritative resource offers the latest research and literature review from respected scientists and practitioners with expertise in nutrition, exercise, and sport performance. NSCA's Guide to Sport and Exercise Nutrition covers all aspects of food selection, digestion, metabolism, and hydration relevant to sport and exercise performance. This comprehensive resource will help you understand safe and effective ways to improve training and

performance through natural nutrition-based ergogenic aids like supplementation and macronutrient intake manipulation. You will also learn guidelines about proper fluid intake to enhance performance and the most important criteria for effectively evaluating the quality of sport drinks and replacement beverages. Finally, cutting-edge findings on nutrient timing based on the type, intensity, and duration of activity will help you understand how to recommend the correct nutrients at the ideal time to achieve optimal performance results. In addition to presenting research relating to sport and exercise nutrition, each chapter includes a professional application section that will help you make the connection between the literature and its practical implementation. Sidebars emphasize important topics, and reproducible forms consisting of a food log, brief athlete nutrition assessment, and goal-setting questionnaire can be copied and shared with your clients. A running glossary keeps key terms at your fingertips, and extensive references within the text offer starting points for your continued study and professional enrichment. Each client and athlete requires a customized diet tailored to the frequency, intensity, duration, and specificity of the training and demands of the sport or activity. With NSCA's Guide to Sport and Exercise Nutrition, you will learn how food, sport supplements, and their interactions with a client's biological systems can enhance exercise and sport performance for

optimal training, recovery, and competition. NSCA's Guide to Sport and Exercise Nutrition is part of the Science of Strength and Conditioning series. Developed with the expertise of the National Strength and Conditioning Association (NSCA), this series of texts provides the guidelines for converting scientific research into practical application. The series covers topics such as tests and assessments, program design, nutrition, and special populations.

This book's authoritative blend of theory and practice makes it a matchless resource for everyone in the archives and records management field.

The third edition of this bestselling text will again provide the latest coverage of the biochemistry and physiology of vitamins and vitamin-like substances.

Extensively revised and expanded on the basis of recent research findings with enlarged coverage of health effects of vitamin-like factors, it is ideally suited for students and an important reference for anyone interested in nutrition, food science, animal science or endocrinology. It contains a cohesive and well-organized presentation of each of the vitamins, as well as the history of their discoveries and current information about their roles in nutrition and health. **NEW TO THIS EDITION:** *Includes approximately 30% new material *Substantial updates have been made to chapters on vitamins A, C, E, K, folate, and the quasi-vitamins *Provides checklists of systems affected by vitamin deficiencies

and food sources of vitamins *Key concepts, learning objectives, vocabulary, case studies, study questions and additional reading lists are included making this ideally suited for students * Thoroughly updated with important recent research results, including citations to key reports, many added tables and several new figures. *Addition of Health and Nutrition Examination Survey (HANES III) data *Updated Dietary Reference Values

This book “Preservation in Digital Cartography: Archiving Aspects” should give an overview on how to preserve digital cartographic applications and geospatial data in a sustainable way. The intention of this book is to shape the opinion of affected parties and to bring together various disciplines. Therefore adjacent chapters will generally deal with information technologies, Service-Oriented Architectures, cybercartography, reproduction and historic cartography, which all together can be subsumed in perspective cartographic heritage. The survival of this digital cartographic heritage will base on long-term preservation strategies that make use of intensive dissemination on the one hand and sustainable digital archiving methods on the other. This includes a massive development of paradigm that expands from “store-and-save” to “keep-it-online”. The paradigm “store-and-save” is mainly used for analogue masters that consist of storage media, like vellum, and their visible content. Avoiding the storage - dia from

degeneration in climate-controlled areas will help to keep the content accessible. In the digital domain the high interdependency of storage media, format, device and applications leads to the paradigm “keep-online” which for example describes the migration to new storage devices. In fact this expansion of paradigm means that the digital domain calls for ongoing actions in order to preserve cartography for a long term.

Sustainable Logistics and Supply Chain Management is the essential guide to the principles and practices of sustainable logistics operations and the responsible management of the entire supply chain. Based on extensive research by experts in the field, this comprehensive book covers the whole scope of sustainable logistics. The book provides carefully reviewed research-led applications and case studies that have been especially developed for this revised edition with particular attention for use in a teaching context. The mini case studies are highly topical, relating the theoretical concepts to practice and what is actually happening 'on the ground'. Examining the subject in an integrated manner, this book examines all the key areas in sustainable logistics and supply chain management, including: sustainable product design and packaging; sustainable purchasing and procurement; cleaner production; environmental impact of freight transport; sustainable warehousing and storage;

sustainable supply management; reverse logistics and recycling; supply chain management strategy, and much more. The book provides an excellent insight into the topic that will help managers, students, and scholars grasp the fundamentals of green supply and logistics management. This revised edition of Sustainable Logistics and Supply Chain Management includes valuable supporting online materials, including PPT presentations, chapter summaries, learning objectives, tips for teaching and in class activities.

The Global Innovation Index 2020 provides detailed metrics about the innovation performance of 131 countries and economies around the world. Its 80 indicators explore a broad vision of innovation, including political environment, education, infrastructure and business sophistication. The 2020 edition sheds light on the state of innovation financing by investigating the evolution of financing mechanisms for entrepreneurs and other innovators, and by pointing to progress and remaining challenges – including in the context of the economic slowdown induced by the coronavirus disease (COVID-19) crisis.

The WHO World report on ageing and health is not for the book shelf it is a living breathing testament to all older people who have fought for their voice to be heard at all levels of government across disciplines and sectors. - Mr Bjarne Hastrup President International Federation on Ageing and CEO DaneAge This

report outlines a framework for action to foster Healthy Ageing built around the new concept of functional ability. This will require a transformation of health systems away from disease based curative models and towards the provision of older-person-centred and integrated care. It will require the development sometimes from nothing of comprehensive systems of long term care. It will require a coordinated response from many other sectors and multiple levels of government. And it will need to draw on better ways of measuring and monitoring the health and functioning of older populations. These actions are likely to be a sound investment in society's future. A future that gives older people the freedom to live lives that previous generations might never have imagined. The World report on ageing and health responds to these challenges by recommending equally profound changes in the way health policies for ageing populations are formulated and services are provided. As the foundation for its recommendations the report looks at what the latest evidence has to say about the ageing process noting that many common perceptions and assumptions about older people are based on outdated stereotypes. The report's recommendations are anchored in the evidence comprehensive and forward-looking yet eminently practical. Throughout examples of experiences from different countries are used to illustrate how specific problems can be addressed through innovation solutions.

Topics explored range from strategies to deliver comprehensive and person-centred services to older populations to policies that enable older people to live in comfort and safety to ways to correct the problems and injustices inherent in current systems for long-term care.

This introductory textbook describes the basics of supply chain management, manufacturing planning and control systems, purchasing, and physical distribution. The fourth edition makes additions in kanban, supply chain concepts, system selection, theory of constraints and drum-buffer-rope, and need f Advanced Oxidation Processes (AOPs) rely on the efficient generation of reactive radical species and are increasingly attractive options for water remediation from a wide variety of organic micropollutants of human health and/or environmental concern. Advanced Oxidation Processes for Water Treatment covers the key advanced oxidation processes developed for chemical contaminant destruction in polluted water sources, some of which have been implemented successfully at water treatment plants around the world. The book is structured in two sections; the first part is dedicated to the most relevant AOPs, whereas the topics covered in the second section include the photochemistry of chemical contaminants in the aquatic environment, advanced water treatment for water reuse, implementation of advanced treatment processes for drinking water production at a state-of-the

art water treatment plant in Europe, advanced treatment of municipal and industrial wastewater, and green technologies for water remediation. The advanced oxidation processes discussed in the book cover the following aspects:

- Process principles including the most recent scientific findings and interpretation.
- Classes of compounds suitable to AOP treatment and examples of reaction mechanisms.
- Chemical and photochemical degradation kinetics and modelling.
- Water quality impact on process performance and practical considerations on process parameter selection criteria.
- Process limitations and byproduct formation and strategies to mitigate any potential adverse effects on the treated water quality.
- AOP equipment design and economics considerations.
- Research studies and outcomes.
- Case studies relevant to process implementation to water treatment.
- Commercial applications.
- Future research needs.

Advanced Oxidation Processes for Water Treatment presents the most recent scientific and technological achievements in process understanding and implementation, and addresses to anyone interested in water remediation, including water industry professionals, consulting engineers, regulators, academics, students. Editor: Mihaela I. Stefan - Trojan Technologies - Canada

The global upswing in economic activity is strengthening. Global growth, which in

2016 was the weakest since the global financial crisis at 3.2 percent, is projected to rise to 3.6 percent in 2017 and to 3.7 percent in 2018. The growth forecasts for both 2017 and 2018 are 0.1 percentage point stronger compared with projections earlier this year. Broad-based upward revisions in the euro area, Japan, emerging Asia, emerging Europe, and Russia—where growth outcomes in the first half of 2017 were better than expected—more than offset downward revisions for the United States and the United Kingdom. But the recovery is not complete: while the baseline outlook is strengthening, growth remains weak in many countries, and inflation is below target in most advanced economies. Commodity exporters, especially of fuel, are particularly hard hit as their adjustment to a sharp step down in foreign earnings continues. And while short-term risks are broadly balanced, medium-term risks are still tilted to the downside. The welcome cyclical pickup in global activity thus provides an ideal window of opportunity to tackle the key policy challenges—namely to boost potential output while ensuring its benefits are broadly shared, and to build resilience against downside risks. A renewed multilateral effort is also needed to tackle the common challenges of an integrated global economy.

inclui o papel da BIM na gestão dos processos de projeto e obra Este livro reúne a experiência de seus autores em uma visão consistente de gestão, aliada

a uma visão prática, de quem vive o dia a dia da construção e que percebe a necessidade de mudanças. Trata-se de uma fonte de referência para empresários da construção, gestores de obras, engenheiros, projetistas, arquitetos, fornecedores e estudantes. Os capítulos abordam: boas práticas de gestão de projetos na construção civil, de como deveria ser a gestão financeira; a importância da governança corporativa na gestão da empresa, assim como na obra; a gestão dos processos e das pessoas que implementam e usam os sistemas de gestão como o da qualidade e o da segurança e saúde; a gestão jurídica e os aspectos fundamentais para uma boa relação das partes envolvidas e o sucesso da obra; o papel das novas tecnologias da construção e de métodos construtivos; a gestão integrada de todos os projetos e recursos via BIM, um sistema que visa fazer diferente e de forma integrada a gestão da construção top-down. A intenção dos autores é que este livro seja uma semente para alavancar a maturidade de gestão na construção civil, condizente com o potencial existente no setor.

What is the licensing framework of standard essential patents (SEPs) for connectivity standards such as 5G and Wi-Fi? How will the framework change with the Internet of Things (IoT)? This book provides comprehensive answers to these questions. For over two decades, connectivity standards have been the

subject of litigation and controversy around the globe. Now, with the introduction of 5G and the emergence of the world of connected objects, or the IoT, the licensing framework for SEPs is becoming even more contentious. In order to bring clarity to the debate, this book analyses and explains key components of a fair, reasonable and non-discriminatory (FRAND) licence for SEPs; clarifies the economic, policy and market background of SEP disputes; examines the interrelated application of contract, patent and competition laws; and describes the approaches by courts and regulators in the EU, US and the UK. Importantly, the book also assesses how the experience from the smartphone and ICT industries can be applied in a new environment of the IoT, and considers what needs to be changed in the future SEP licensing landscape. The book provides a holistic coverage of SEP licensing issues in an attempt to reduce uncertainty within this highly complex and technical area, and will be useful to practitioners, policy makers, SMEs and large technology companies in the IoT, as well as academics interested in the field.

Raymond Noe's Employee Training and Development sets the standard in this course area. First introduced in 1998, ETD became the market-defining text within 6 months of publication. Its popularity is due to its lively writing style and relevant examples of the most up-to-date developments in training, research and practice, including the strategic role of training and the

use of new technologies in training. Employee Training and Development strikes a balance between research and real company practices. It provides students with a solid background in the fundamentals of training and development such as needs assessment, transfer of training, learning environment design, methods, and evaluation. To help students better understand the relationship between the main elements of the book, the book is now organized into five different parts. Part I focuses on the context for training and development and includes a chapter devoted to strategic training. Part II includes coverage related to the fundamentals of designing training programs. Chapters in Part II focus on needs assessment, learning theories and program design, transfer of training, and training evaluation. Part III focuses on training and development methods and includes chapters devoted to traditional training methods, e-learning and the use of technology in training, employee development, and special issues in employee development, such as managing diversity, succession planning, and cross-cultural preparation. Chapters in Part IV cover career issues and how companies manage careers, as well as challenges in career management, such as dealing with work-life conflict, retirement, and socialization. Finally, Part V provides a look at the future of training and development. A roadmap for how we can rebuild America's working class by transforming workforce education and training. The American dream promised that if you worked hard, you could move up, with well-paying working-class jobs providing a gateway to an ever-growing middle class. Today, however, we have increasing inequality, not economic convergence. Technological advances are putting quality jobs out of reach for workers who lack the proper skills and training. In *Workforce Education*, William Bonvillian and Sanjay Sarma offer a roadmap for rebuilding America's working class. They argue that we need to train more

workers more quickly, and they describe innovative methods of workforce education that are being developed across the country.

The automotive industry appears close to substantial change engendered by “self-driving” technologies. This technology offers the possibility of significant benefits to social welfare—saving lives; reducing crashes, congestion, fuel consumption, and pollution; increasing mobility for the disabled; and ultimately improving land use. This report is intended as a guide for state and federal policymakers on the many issues that this technology raises.

This book challenges the ways we read, write, store, and retrieve information in the digital age. Computers—from electronic books to smart phones—play an active role in our social lives. Our technological choices thus entail theoretical and political commitments. Dennis Tenen takes up today's strange enmeshing of humans, texts, and machines to argue that our most ingrained intuitions about texts are profoundly alienated from the physical contexts of their intellectual production. Drawing on a range of primary sources from both literary theory and software engineering, he makes a case for a more transparent practice of human–computer interaction. Plain Text is thus a rallying call, a frame of mind as much as a file format. It reminds us, ultimately, that our devices also encode specific modes of governance and control that must remain available to interpretation.

Global growth for 2018–19 is projected to remain steady at its 2017 level, but its pace is less vigorous than projected in April and it has become less balanced. Downside risks to global growth have risen in the past six months and the potential for upside surprises has receded. Global growth is projected at 3.7 percent for 2018–19—0.2 percentage point lower for both years than forecast in April. The downward revision reflects surprises that suppressed activity

in early 2018 in some major advanced economies, the negative effects of the trade measures implemented or approved between April and mid-September, as well as a weaker outlook for some key emerging market and developing economies arising from country-specific factors, tighter financial conditions, geopolitical tensions, and higher oil import bills. The balance of risks to the global growth forecast has shifted to the downside in a context of elevated policy uncertainty. Several of the downside risks highlighted in the April 2018 World Economic Outlook (WEO)—such as rising trade barriers and a reversal of capital flows to emerging market economies with weaker fundamentals and higher political risk—have become more pronounced or have partially materialized. Meanwhile, the potential for upside surprises has receded, given the tightening of financial conditions in some parts of the world, higher trade costs, slow implementation of reforms recommended in the past, and waning growth momentum.

The U.S. Census Bureau has reported that 56.7 million Americans had some type of disability in 2010, which represents 18.7 percent of the civilian noninstitutionalized population included in the 2010 Survey of Income and Program Participation. The U.S. Social Security Administration (SSA) provides disability benefits through the Social Security Disability Insurance (SSDI) program and the Supplemental Security Income (SSI) program. As of December 2015, approximately 11 million individuals were SSDI beneficiaries, and about 8 million were SSI beneficiaries. SSA currently considers assistive devices in the nonmedical and medical areas of its program guidelines. During determinations of substantial gainful activity and income eligibility for SSI benefits, the reasonable cost of items, devices, or services applicants need to enable them to work with their impairment is subtracted from eligible earnings, even if those items or services are used for activities of daily living in addition to work. In addition, SSA

considers assistive devices in its medical disability determination process and assessment of work capacity. The Promise of Assistive Technology to Enhance Activity and Work Participation provides an analysis of selected assistive products and technologies, including wheeled and seated mobility devices, upper-extremity prostheses, and products and technologies selected by the committee that pertain to hearing and to communication and speech in adults.

Voluntary sustainability standards (VSS) and other private governance instruments (e.g., Fair Trade, Forest Stewardship Council, Fair Wear Foundation, GLOBALGAP) are increasingly regulating global production processes and economic activities. VSS verify the compliance of products or production processes with sustainability standards. The importance of voluntary sustainability standards is now widely recognized. After being operational for more than two decades, they have established themselves as private governance instruments. This recognition is also exemplified by their integration in public regulatory approaches. Governments and international organizations are partnering with voluntary sustainability standards to pursue sustainable development policies. We witness the integration of VSS in the regulatory approaches of local and national governments in countries around the world, the integration of VSS in trade policies, the emergence of public–private initiatives to govern global supply chains, and the inclusion of private initiatives in experimentalist governance regimes. This Special Issue seeks to bring together research on the interface between private and public governance. We welcome contributions which analyze specific case studies on the emergence and development of these private–public interactions, the design of public–private governance, the effectiveness of these governance arrangements, and critical perspectives on

the possibilities and limitations of such public–private forms of governance. We welcome multi-disciplinary perspectives including contributions from economics, political science, law, sociology, geography, and anthropology. Papers selected for this Special Issue are subject to a peer review procedure with the aim of rapid and wide dissemination of research results, developments, and applications.

Drawing on OECD statistics in particular, 'Understanding Economic Statistics: an OECD perspective' shows readers how to use statistics to understand the world economy. It gives an overview of the history, key concepts and the main providers of economic statistics.

Also known as "The Red Book", this authoritative manual from the creators of PostScript contains the complete description of every command and operation in the language, plus information on the recent Language Level 3 extensions. The CD-ROM contains the entire text in PDF.

PDF/A is an ISO standard for using the PDF format for long-term archiving of digital documents. "PDF/A in a Nutshell 2.0" provides a comprehensive introduction to the material and shows off the latest developments available with PDF/A-2 and PDF/A-3. The brochure provides information about PDF/A tools and strategies for creating and validating PDF/A files.

Effective administration of libraries is a crucial part of delivering library services to

the public. To develop and implement best practices, librarians must be aware and informed of the recent advances in library administration. *Library Science and Administration: Concepts, Methodologies, Tools, and Applications* is a comprehensive reference source for the latest scholarly material on trends, techniques, and management of libraries and examines the benefits and challenges of library administration. Highlighting a range of pertinent topics such as digital libraries, information sciences, and academic libraries, this multi-volume book is ideally designed for academicians, researchers, practitioners, and librarians seeking current research on library science and administration. This book is jointly compiled by Chinese Academy of Sciences, Cyberspace Administration of China, Ministry of Education of the People's Republic of China, Ministry of Science and Technology of the People's Republic of China, Chinese Academy of Social Sciences, National Natural Science Foundation of China and Chinese Academy of Agricultural Sciences. Over the past several years, Chinese scholars have contributed numerous research works on the development of Chinese scientific information and technology, and produced a range of outstanding achievements. Focusing on the main topic of e-Science, this book explores the forefront of science and technology around the globe, the major demands in China and the main fields in China's economic development.

Furthermore, it reviews the major achievements and the typical cases in China's e-Science research. It provides a valuable reference source for future technological innovations and will introduce researchers and students in the area of e-Science to the latest results in China.

To advance education about ICT standardization, comprehensive and up-to-date teaching materials must be available. With the support of the European Commission, ETSI has developed this textbook to facilitate education on ICT standardization, and to raise the knowledge level of ICT standardization-related topics among lecturers and students in higher education, in particular in the fields of engineering, business administration and law. Readers of this book are not required to have any previous knowledge about standardization. They are introduced firstly to the key concepts of standards and standardization, different elements of the ecosystem and how they interact, as well as the procedures required for the production of standardization documents. Then, readers are taken to the next level by addressing aspects related to standardization such as innovation, strategy, business, and economics. This textbook is an attempt to make ICT standardization accessible and understandable to students. It covers the essentials that are required to get a good overview of the field. The book is organized in chapters that are self-contained, although it would be advantageous

to read the book from cover to cover. Each chapter begins with a list of learning objectives and key messages. The text is enriched with examples and case studies from real standardization practice to illustrate the key theoretical concepts. Each chapter also includes a quiz to be used as a self-assessment learning activity. Furthermore, each book chapter includes a glossary and lists of abbreviations and references. Alongside the textbook, we have produced a set of slides that are intended to serve as complementary teaching materials in face-to-face teaching sessions. For all interested parties there is also an electronic version of the textbook as well as the accompanying slides that can be downloaded for free from the ETSI website (www.etsi.org/standardization-education).

Practical recommendations for application developers who want to generate efficient PDF files. New PDF 1.4 features include Tagged PDF, Referenced PDF, PDF Metadata Architecture, forms enhancements, JBIG2 support, and more. Example files, predefined font encodings, PDF page-marking operators, and other essential information.

Recent years have yielded significant advances in computing and communication technologies, with profound impacts on society. Technology is transforming the way we work, play, and interact with others. From these technological capabilities, new

industries, organizational forms, and business models are emerging. Technological advances can create enormous economic and other benefits, but can also lead to significant changes for workers. IT and automation can change the way work is conducted, by augmenting or replacing workers in specific tasks. This can shift the demand for some types of human labor, eliminating some jobs and creating new ones. Information Technology and the U.S. Workforce explores the interactions between technological, economic, and societal trends and identifies possible near-term developments for work. This report emphasizes the need to understand and track these trends and develop strategies to inform, prepare for, and respond to changes in the labor market. It offers evaluations of what is known, notes open questions to be addressed, and identifies promising research pathways moving forward.

A complete reference to the file format for Adobe Acrobat products. It contains a detailed description of the file format and provides invaluable tips and techniques showing how to optimize programming.

Wie kann die Bau- und Immobilienwirtschaft nachhaltig professionalisiert werden? Wie kann eine realistische Zeit- und Kostenplanung auch bei komplexen Projekten vorgenommen werden? Und wie können Immobilienhalter den Wert ihrer Immobilien erhöhen? Erfahrene Praktiker aus unterschiedlichen Wissenschaftsbereichen bündeln in diesem Buch ihre wichtigsten Empfehlungen für Gewerbe, Immobilienfonds, Industrie, Kirchen, Öffentliche Hand, Sozialwirtschaft und Wohnungswirtschaft. Von der

Vision über Strategien, Ziele und Rahmenbedingungen bis zu Fragen der Organisation, der Umsetzung und der Dokumentation wird in Form von Best Practices beschrieben, wie Immobilien zielgerichtet gemanagt werden können. Mit Fachbeiträgen von Holger Basten, Ulrich Baum, Martin Dossmann und Thomas Weiler, Peter Forster, Gerhard Führer, Siegfried Gallitschke, Thomas Giel, Thomas Glatte, Bernd Hanke, Wolfgang Inderwies, Stefan Korthals und Emanuel Eckel, Johannes Krämer, Dagmar Reiß-Fechter, Birgit Schaarschmidt, Adalbert Schmidt, Marc Schulirsch, Ingo Strugalla, Jörn von der Lieth und Dorit Brauns sowie Gerd Warda.

This book contains selected papers from the 8th International Conference on Information Science and Applications (ICISA 2017) and provides a snapshot of the latest issues encountered in technical convergence and convergences of security technology. It explores how information science is core to most current research, industrial and commercial activities and consists of contributions covering topics including Ubiquitous Computing, Networks and Information Systems, Multimedia and Visualization, Middleware and Operating Systems, Security and Privacy, Data Mining and Artificial Intelligence, Software Engineering, and Web Technology. The proceedings introduce the most recent information technology and ideas, applications and problems related to technology convergence, illustrated through case studies, and reviews converging existing security techniques. Through this volume, readers will gain an understanding of the current state-of-the-art information strategies and technologies

of convergence security. The intended readerships are researchers in academia, industry and other research institutes focusing on information science and technology. "This book is designed to answer some of your questions about the accessibility and usability of PDF documents. The focus is on Adobe Systems© tools, Microsoft Office© and its tools and an ability to use them to create tagged, accessible PDF documents ..." -- P. 19.

This book describes basic concepts of workflow automation in the graphic industry. There are three main chapters: Scope of Workflows in the Printing Industry, Production Models, and Metadata Formats. The book does not describe the individual business and production steps for manufacturing a print product. Rather, it describes what kinds of data exchanges are required between management software and devices to make the automatic execution of processes possible. Primary audience is students studying graphic arts technology, practitioners at printing and manufacturing companies, and computer scientists who are interested in workflow-related matters. It is presupposed that the reader is familiar with the basic procedures in the printing industry as well with the fundamental concepts of IT technology.

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