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KEY=ESWS - AIYANA MILLS

Hazardous Waste and Pollution Detecting and Preventing Green Crimes Springer This volume examines crimes that violate environmental regulations, as part of an emerging area of criminology known as green criminology. The contributions to this book examine criminal justice concerns related to regulating and enforcing environmental laws, as well as the consequences for families and communities impacted by hazardous waste and pollution. It also describes possible strategies for deterring and preventing organized crime related to environmental regulations, including black market sales of ozone depleting substances. This innovative volume provides a criminological framework for understanding environmental harms. Examining cases from the US, Europe and Australia, this volume compares and contrasts international approaches for regulating hazardous substances, and enforcing those regulations. This work will be of interest to researchers in criminology and criminal justice, particularly interested in green criminology or environmental law, as well as researchers in environmental sciences, white collar and corporate crime, and policymakers. **Ontologies in Urban Development Projects** Springer Science & Business Media Ontologies are increasingly recognized as essential tools in information science. Although the concepts are well understood theoretically , the practical implementation of ontologies remains challenging. In this book, researchers in computer science, information systems, ontology engineering, urban planning and design, civil and building engineering, and architecture present an interdisciplinary study of ontology engineering and its application in urban development projects. The first part of the book introduces the general notion of ontology, describing variations in abstraction level, coverage, and formality. It also discusses the use of ontologies to achieve interoperability, and to represent multiple points of view and multilingualism. This is illustrated with examples from the urban domain. The second part is specific to urban development. It covers spatial and geographical knowledge representation, the creation of urban ontologies from various knowledge sources, the interconnection of urban models and the interaction between standards and domain models. The third part presents case studies of the development of ontologies for urban mobility, urban morphological processes, road systems, and cultural heritage. Other cases report on the use of ontologies to solve urban development problems, in construction business models, building regulations and urban regeneration. It concludes with a discussion of key challenges for the future deployment of ontologies in this domain. This book bridges the gap between urban practitioners and computer scientists. As the essence of most urban projects lies in making connections between worldviews, ontology development has an important role to play, in promoting interoperability between data sources, both formal (urban databases, Building Integrated Models, Geographical Information Systems etc.) and less formal (thesauri, text records, web sources etc.). This volume offers a comprehensive introduction to ontology engineering for urban development. It is essential reading for practitioners and ontology designers working in urban development. **Content Ontology Design Patterns: Qualities, Methods, and Tools** Linköping University Electronic Press Ontologies are formal knowledge models that describe concepts and relationships and enable data integration, information search, and reasoning. Ontology Design Patterns (ODPs) are reusable solutions intended to simplify ontology development and support the use of semantic technologies by ontology engineers. ODPs document and package good modelling practices for reuse, ideally enabling inexperienced ontologists to construct high-quality ontologies. Although ODPs are already used for development, there are still remaining challenges that have not been addressed in the literature. These research gaps include a lack of knowledge about (1) which ODP features are important for ontology engineering, (2) less experienced developers' preferences and barriers for employing ODP tooling, and (3) the suitability of the eXtreme Design (XD) ODP usage methodology in non-academic contexts. This dissertation aims to close these gaps by combining quantitative and qualitative methods, primarily based on five ontology engineering projects involving inexperienced ontologists. A series of ontology engineering workshops and surveys provided data about developer preferences regarding ODP features, ODP usage methodology, and ODP tooling needs. Other data sources are ontologies and ODPs published on the web, which have been studied in detail. To evaluate tooling improvements, experimental approaches provide data from comparison of new tools and techniques against established alternatives. The analysis of the gathered data resulted in a set of measurable quality indicators that cover aspects of ODP documentation, formal representation or axiomatisation, and usage by ontologists. These indicators highlight quality trade-offs: for instance, between ODP Learnability and Reusability, or between Functional Suitability and Performance Efficiency. Furthermore, the results demonstrate a need for ODP tools that support three novel property specialisation strategies, and highlight the preference of inexperienced developers for template-based ODP instantiation---neither of which are supported in prior tooling. The studies also resulted in improvements to ODP search engines based on ODP-specific attributes. Finally, the analysis shows that XD should include guidance for the developer roles and responsibilities in ontology engineering projects, suggestions on how to reuse existing ontology resources, and approaches for adapting XD to project-specific contexts. **Dorland's Dictionary of Medical Acronyms and Abbreviations E-Book** Elsevier Health Sciences Medical acronyms and abbreviations offer convenience, but those countless shortcuts can often be confusing. Now a part of the popular Dorland's suite of products, this reference features thousands of terms from across various medical specialties. Its alphabetical arrangement makes for quick reference, and expanded coverage of symbols ensures they are easier to find. Effective communication plays an important role in all medical settings, so turn to this trusted volume for nearly any medical abbreviation you might encounter. Symbols section makes it easier to locate unusual or seldom-used symbols. Convenient alphabetical format allows you to find the entry you need more intuitively. More than 90,000 entries and definitions. Many new and updated entries including terminology in expanding specialties, such as Nursing; Physical, Occupational, and Speech Therapies; Transcription and Coding; Computer and Technical Fields. New section on abbreviations to avoid, including Joint Commission abbreviations that are not to be used. Incorporates updates suggested by the Institute for Safe Medication Practices (ISMP). **Measuring and Developing Professional Competences in COMET Method Manual** Springer Nature This book is a detailed manual for the implementation of competence diagnostics in the field of vocational training. With the COMET competence model, both conceptual competences as well as practical skills are recorded and evaluated. The manual guides through all methodological steps, including the preparation and implementation of tests, cross and longitudinal studies, the development of context analyses and measurement methods for the test motivation. The focus of the final chapter is the application of the COMET procedure for the design, organisation and evaluation of vocational education and training processes. **Semantic Web and Peer-to-Peer Decentralized Management and Exchange of Knowledge and Information** Springer Science & Business Media Just like the industrial society of the last century depended on natural resources, today's society depends on information and its exchange. Staab and Stuckenschmidt structured the selected contributions into four parts: Part I, "Data Storage and Access", prepares the semantic foundation, i.e. data modelling and querying in a flexible and yet scalable manner. These foundations allow for dealing with the organization of information at the individual peers. Part II, "Querying the Network", considers the routing of queries, as well as continuous queries and personalized queries under the conditions of the permanently changing topological structure of a peer-to-peer network. Part III, "Semantic Integration", deals with the mapping of heterogeneous data representations. Finally Part IV, "Methodology and Systems", reports experiences from case studies and sample applications. The overall result is a state-of-the-art description of the potential of Semantic Web and peer-to-peer technologies for information sharing and knowledge management when applied jointly. **Preoperative (Neoadjuvant) Chemotherapy** Springer Science & Business Media Despite recent advances in adjuvant therapies of cancer, the regi mens of postoperative adjuvant chemotherapy treatment which are presently available fail to cure the majority of cancer patients. Pre operative (neoadjuvant) chemotherapy represents a new approach in drug scheduling, based on sound theoretical, pharmacokinetic, and experimental principles. The preoperative timing of chemotherapy before definitive sur gery is not a minor change in the therapy of cancer. To be successful, large numbers of practitioners and their patients must participate. Substantial alterations of many aspects of the present management of cancer will have to follow. Therefore, before such therapy can be fully and routinely implemented, results of the novel treatment and its rationale have to be carefully evaluated. In preoperative treatment, other features will likely gain impor tance. For the first time, clinicians have a chance to follow the in vivo response of the tumor exposed to preoperative chemotherapy. The subsequent histological assessment of the tumor sample may likely become an important prognostic guide, permitting more re fined individual approaches to the planning of postoperative adju vant treatment. The value of such a treatment strategy can already be appreciated in the clinical setting, as seen from the therapy of osteosarcoma. Furthermore, preoperative chemotherapy might render previously inoperable tumors operable and hence resectable with a curative intention. The preoperative reduction of tumor bulk may also effectively decrease the need for more radical operations, permitting a more uniform adoption of conservative surgery. **Nonnos Dionysiaca (Volume II)** Alpha Edition This book has been considered by academicians and scholars of great significance and value to literature. This forms a part of the knowledge base for future generations. So that the book is never forgotten we have represented this book in a print format as the same form as it was originally first published. Hence any marks or annotations seen are left intentionally to preserve its true nature. **The Palgrave Handbook of Family Policy** Springer Nature "This engaging collection gathers theoretical and empirical insights from leading family policy experts. The authors - representing diverse countries, disciplines, and methods - bring to life the volume's innovative conceptual framework, which is organized around policy institutions, both public and private. The volume closes with a call for new lines of research that should inform family policy scholars for years to come."--Janet Gornick, Professor of Political Science and Sociology, and Director of the Stone Center on Socio-Economic Inequality, The Graduate Center, City University of New York, USA "Featuring exciting contributors from a range of often-siloed scholarly disciplines, countries and cultures, this Handbook offers nuanced insights into how interacting societal inequality factors influence family policy enactment to reinforce or improve inequality outcomes across gender, class, and nations. It is ambitious, broad-reaching, and succeeds in providing a strategic view within and across nations to inspire thoughtful evidence-based policy implications to improve societies in the future." - Ellen Ernst Kossek, Basil S. Turner Professor of Management, Purdue University, USA This open access handbook provides a multilevel view on family policies, combining insights from family policy outcomes at different levels of policymaking: supra-national organizations, national states, sub-national or regional levels, and finally smaller organizations and employers. At each of these levels, a multidisciplinary group of expert scholars assess policies and their implementation, such as child income support, childcare services, parental leave, and leave to provide care to frail and elderly family members. The chapters evaluate their impact in improving children's development and equal opportunities, promoting gender equality, regulating fertility, productivity and economic inequality, and take an intersectional perspective related to gender, class, and family diversity. The editors conclude by presenting a new research agenda based on five major challenges pertaining to the levels of policy implementation (in particular globalization and decentralization), austerity and marketization, inequality, changing family relations, and welfare states adapting to women's empowered roles **Diabetes and Cardiovascular Disease Etiology, Treatment, and Outcomes** Springer Science & Business Media Diabetes and cardiovascular disease together account for the largest portion of health care spending compared to all other diseases in Western society. This work seeks to provide an understanding of the causes of diabetes and its cardiovascular complications. As this understanding becomes more widely appreciated, it will serve as a foundation for evidence-based care and wider acceptance of sound science. The International Conference on Diabetes and Cardiovascular Disease, held in Winnipeg, in June 1999, was organized to bring together a multi-disciplinary group of researchers dedicated to further knowledge amongst researchers, care givers, and the managers of the health system. The invited speakers submitted their works for publication, which serves as the basis for this book. Major themes include: epidemiology of

diabetes mellitus, metabolic risk factors in diabetes and cardiovascular disease, hypertension in diabetes mellitus, cardiac function in diabetes, glycemic control and improved cardiovascular function, diabetes management, and endothelial function in diabetes. The Matrix System at Work An Evaluation of the World Bank s Organizational Effectiveness World Bank Publications This evaluation assesses the extent to which the dual objectives of the World Bank s matrix system enhancing client responsiveness and establishing strong technical networks to deliver quality services have been attained, and have enhanced the Bank s development effectiveness. Semantic Mining of Social Networks Morgan & Claypool Publishers Online social networks have already become a bridge connecting our physical daily life with the (web-based) information space. This connection produces a huge volume of data, not only about the information itself, but also about user behavior. The ubiquity of the social Web and the wealth of social data offer us unprecedented opportunities for studying the interaction patterns among users so as to understand the dynamic mechanisms underlying different networks, something that was previously difficult to explore due to the lack of available data. In this book, we present the architecture of the research for social network mining, from a microscopic point of view. We focus on investigating several key issues in social networks. Specifically, we begin with analytics of social interactions between users. The first kinds of questions we try to answer are: What are the fundamental factors that form the different categories of social ties? How have reciprocal relationships been developed from parasocial relationships? How do connected users further form groups? Another theme addressed in this book is the study of social influence. Social influence occurs when one's opinions, emotions, or behaviors are affected by others, intentionally or unintentionally. Considerable research has been conducted to verify the existence of social influence in various networks. However, few literature studies address how to quantify the strength of influence between users from different aspects. In Chapter 4 and in [138], we have studied how to model and predict user behaviors. One fundamental problem is distinguishing the effects of different social factors such as social influence, homophily, and individual's characteristics. We introduce a probabilistic model to address this problem. Finally, we use an academic social network, ArnetMiner, as an example to demonstrate how we apply the introduced technologies for mining real social networks. In this system, we try to mine knowledge from both the informative (publication) network and the social (collaboration) network, and to understand the interaction mechanisms between the two networks. The system has been in operation since 2006 and has already attracted millions of users from more than 220 countries/regions. Learning in the Synergy of Multiple Disciplines 4th European Conference on Technology Enhanced Learning, EC-TEL 2009 Nice, France, September 29--October 2, 2009 Proceedings Springer This book constitutes the refereed proceedings of the 4th European Conference on Technology Enhanced Learning, EC-TEL 2009, held in Nice, France in September/October 2009. The 35 revised full papers, 17 short papers, and 35 posters presented were carefully reviewed and selected from 136 paper submissions and 22 poster submissions. The papers are organized in topical sections on adaptation and personalization, interoperability, semantic Web, Web 2.0., data mining and social networks, collaboration and social knowledge construction, learning communities and communities of practice, learning contexts, problem and project-based learning, inquiry, learning, learning design, motivation, engagement, learning games, and human factors and evaluation. Publishing and Using Cultural Heritage Linked Data on the Semantic Web Morgan & Claypool Publishers Cultural Heritage (CH) data is syntactically and semantically heterogeneous, multilingual, semantically rich, and highly interlinked. It is produced in a distributed, open fashion by museums, libraries, archives, and media organizations, as well as individual persons. Managing publication of such richness and variety of content on the Web, and at the same time supporting distributed, interoperable content creation processes, poses challenges where traditional publication approaches need to be re-thought. Application of the principles and technologies of Linked Data and the Semantic Web is a new, promising approach to address these problems. This development is leading to the creation of large national and international CH portals, such as Europeana, to large open data repositories, such as the Linked Open Data Cloud, and massive publications of linked library data in the U.S., Europe, and Asia. Cultural Heritage has become one of the most successful application domains of Linked Data and Semantic Web technologies. This book gives an overview on why, when, and how Linked (Open) Data and Semantic Web technologies can be employed in practice in publishing CH collections and other content on the Web. The text first motivates and presents a general semantic portal model and publishing framework as a solution approach to distributed semantic content creation, based on an ontology infrastructure. On the Semantic Web, such an infrastructure includes shared metadata models, ontologies, and logical reasoning, and is supported by shared ontology and other Web services alleviating the use of the new technology and linked data in legacy cataloging systems. The goal of all this is to provide layman users and researchers with new, more intelligent and usable Web applications that can be utilized by other Web applications, too, via well-defined Application Programming Interfaces (API). At the same time, it is possible to provide publishing organizations with more cost-efficient solutions for content creation and publication. This book is targeted to computer scientists, museum curators, librarians, archivists, and other CH professionals interested in Linked Data and CH applications on the Semantic Web. The text is focused on practice and applications, making it suitable to students, researchers, and practitioners developing Web services and applications of CH, as well as to CH managers willing to understand the technical issues and challenges involved in linked data publication. Table of Contents: Cultural Heritage on the Semantic Web / Portal Model for Collaborative CH Publishing / Requirements for Publishing Linked Data / Metadata Schemas / Domain Vocabularies and Ontologies / Logic Rules for Cultural Heritage / Cultural Content Creation / Semantic Services for Human and Machine Users / Conclusions Intelligent Software Methodologies, Tools and Techniques 13th International Conference, SoMeT 2014, Langkawi, Malaysia, September 22-24, 2014. Revised Selected Papers This book constitutes the best papers selection from the proceedings of the 13th International Conference on Intelligent Software Methodologies, Tools and Techniques, SoMeT 2014, held in Langkawi, Malaysia, in September 2014. The 27 full papers presented were carefully reviewed, thoroughly revised or enlarged, and selected as best papers from the 79 published proceedings papers, which had originally been selected from 192 submissions. The papers are organized in topical sections on artificial intelligence techniques in software engineering; requirement engineering, high-assurance system; intelligent software systems design; creative and arts in interactive software design; software methodologies for reliable software design; software quality and assessment for business enterprise; software analysis and performance model; software applications systems. Preparing to Teach in Secondary Schools Open University Press Review of the first edition: "An excellent introduction to all of the core professional issues that trainee teachers need to address during their training… a first port of call for all student teachers keen to understand the challenges involved in becoming a professional teacher in today's schools." Professor John Furlong, Director, Department of Educational Studies, Oxford University, UK. The new edition of this bestseller is the definitive guide for all trainee secondary school and newly qualified teachers. Using practical examples, it covers the range of core professional skills and concepts that all student teachers need to acquire, irrespective of their subject specialism or training route. Updated and revised throughout to take into account recent developments in teaching, the second edition covers topics such as Every Child Matters, Special Educational Needs, and ICT in the classroom, making it suitable for use by newly qualified teachers to support their early professional development. Informative, accessible and engaging, the book offers students: Use of examples and illustrations to make abstract or unfamiliar ideas concrete and meaningful An interactive approach whereby readers are invited to engage with the text and respond to it through a set of objectives, to be achieved by the end of the chapter Thought-provoking research to alert readers to fresh thinking and initiatives, which are at the cutting-edge of developments in the field Self-contained tasks to enable readers to complete them there and then Product Lifecycle Management for Digital Transformation of Industries 13th IFIP WG 5.1 International Conference, PLM 2016, Columbia, SC, USA, July 11-13, 2016, Revised Selected Papers Springer This book constitutes the refereed proceedings of the 13th IFIP WG 5.1 International Conference on Product Lifecycle Management, PLM 2016, held in Columbia, SC, USA, in July 2016. The 57 revised full papers presented were carefully reviewed and selected from 77 submissions. The papers are organized in the following topical sections: knowledge sharing, re-use and preservation; collaborative development architectures; interoperability and systems integration; lean product development and the role of PLM; PLM and innovation; PLM tools; cloud computing and PLM tools; traceability and performance; building information modeling; big data analytics and business intelligence; information lifecycle management; industry 4.0; metrics, standards and regulation; and product, service and systems. Agent-Based Service-Oriented Computing Springer Science & Business Media Service-Oriented Computing (SOC) allows software development time to be shortened by the composition of existing services across the Internet. Further exploitation of this revolutionary trend is feasible through automation, thanks to the use of software agents and techniques from distributed artificial intelligence. This book provides an overview of the related technologies and insight into state-of-the art research results in the field. The topics discussed cover the various stages in the life cycle of service-oriented software development using agent technologies to automate the development process and to manage services in a dynamic environment. The book presents both academic research results and the latest developments from industry. Researchers from academia and industry, as well as postgraduates, will find this cutting-edge volume indispensable in order to gain understanding of the issues associated with agent-based service-oriented computing along with recent, and likely future technology trends. Practical Aspects of Knowledge Management 5th International Conference, PAKM 2004, Vienna, Austria, December 2-3, 2004, Proceedings Springer Science & Business Media This book contains the papers presented at the 5th International Conference on Pr- tical Aspects of Knowledge Management organized by the Department of Knowledge Management, Institute of Computer Science and Business Informatics, University of Vienna. The event took place on December 02-03, 2004 in Vienna. The PAKM conference series offers a communication forum and meeting ground for practitioners and researchers engaged in developing and deploying advanced bu- ness solutions for the management of knowledge and intellectual capital. Contributions pursuing integrated approaches which consider organizational, technological and c- tural issues of knowledge management have been elected for presentation. PAKM is a forum for people to share their views, to exchange ideas, to develop new insights, and to envision completely new kinds of solutions for knowledge management problems. The accepted papers are of high quality and are not too specialized so that the main issues can be understood by someone outside the respective ?eld. This is crucial for an interdisciplinary exchange of ideas. Like its predecessors, PAKM 2004 featured two invited talks. It is a real joy seeing the visibility of the conferenceincrease and noting that kno- edge management researchers and practitioners from all over the world submitted - pers. This year, 163 papers and case studies were submitted, from which 48 were - cepted. Personnelman 3 & 2 Intelligent Tools for Building a Scientific Information Platform Springer Science & Business Media This book is a selection of results obtained within one year of research performed under SYNAT - a nation-wide scientific project aiming to create an infrastructure for scientific content storage and sharing for academia, education and open knowledge society in Poland. The selection refers to the research in artificial intelligence, knowledge discovery and data mining, information retrieval and natural language processing, addressing the problems of implementing intelligent tools for building a scientific information platform. The idea of this book is based on the very successful SYNAT Project Conference and the SYNAT Workshop accompanying the 19th International Symposium on Methodologies for Intelligent Systems (ISMIS 2011). The papers included in this book present an overview and insight into such topics as architecture of scientific information platforms, semantic clustering, ontology-based systems, as well as, multimedia data processing. The Semantic Web: Research and Applications 4th European Semantic Web Conference, ESWC 2007, Innsbruck, Austria, June 3-7, 2007, Proceedings Springer This book constitutes the refereed proceedings of the 4th European Semantic Web Conference, ESWC 2007, held in Innsbruck, Austria, in June 2007. Coverage includes semantic Web services, ontology learning, inference and mapping, social semantic Web, ontologies, personalization, foundations of the semantic Web, natural languages and ontologies, and querying and Web data models. Creating New Learning Experiences on a Global Scale Second European Conference on Technology Enhanced Learning, EC-TEL 2007, Crete, Greece, September 17-20, 2007, Proceedings Springer Science & Business Media This book constitutes the refereed proceedings of the Second European Conference on Technology Enhanced Learning, EC-TEL 2007, held in Crete, Greece in September 2007. The papers presented were carefully reviewed and selected from 116 submissions. The conference provides a unique forum for all research related to technology-enhanced learning, as well as its interactions with knowledge management, business processes and work environments. The World Bank Group A to Z 2016 World Bank Publications The World Bank Group A to Z provides the most concise and essential information about the mission, policies, procedures, products, and services of the new World Bank Group. This second edition is a follow-up to the first volume released for the 2014 Annual Meetings. The World Bank Group A to Z series builds on previous editions of A Guide to the World Bank to include features not found in its predecessors including: a graphical introduction to the World Bank Group, highlighting the Bank Group's goals, financials, regions, and results; examples and photos of Bank Group projects and programs; and tools to guide you to the information you are looking for (even if you don't know exactly what that is). It also reflects the wide-ranging reforms

that have taken place within the World Bank Group in recent years, including the launch of the new World Bank Group Strategy; new approaches to development; the establishment of new Global Practice Groups and Cross Cutting Solutions Areas; and the goal of becoming a "Solutions Bank," one that will marshal the vast reserves of evidence and experiential knowledge across the five World Bank Group agencies and apply them to local problems. With more than 280 entries arranged in encyclopedic A-to-Z format, readers can easily find up-to-date information about the five agencies of the World Bank Group and the wide range of areas in which they work: from agriculture, education, energy, health, social protection and labor to gender, jobs, conflict, private sector development, trade, water and climate change. The World Bank Group's work in all of these areas now focuses on two new twin goals: eliminating extreme poverty by 2030 and boosting shared prosperity of the poorest 40 percent in every developing country. Na-ion Batteries John Wiley & Sons This book covers both the fundamental and applied aspects of advanced Na-ion batteries (NIB) which have proven to be a potential challenger to Li-ion batteries. Both the chemistry and design of positive and negative electrode materials are examined. In NIB, the electrolyte is also a crucial part of the batteries and the recent research, showing a possible alternative to classical electrolytes – with the development of ionic liquid-based electrolytes – is also explored. Cycling performance in NIB is also strongly associated with the quality of the electrode-electrolyte interface, where electrolyte degradation takes place; thus, Na-ion Batteries details the recent achievements in furthering knowledge of this interface. Finally, as the ultimate goal is commercialization of this new electrical storage technology, the last chapters are dedicated to the industrial point of view, given by two startup companies, who developed two different NIB chemistries for complementary applications and markets. Compressed Air; 24 Legare Street Press This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant. Aviation Maintenance Ratings Fundamentals The Knowledge Gap The hidden cause of America's broken education system--and how to fix it Penguin The untold story of the root cause of America's education crisis--and the seemingly endless cycle of multigenerational poverty. It was only after years within the education reform movement that Natalie Wexler stumbled across a hidden explanation for our country's frustrating lack of progress when it comes to providing every child with a quality education. The problem wasn't one of the usual scapegoats: lazy teachers, shoddy facilities, lack of accountability. It was something no one was talking about: the elementary school curriculum's intense focus on decontextualized reading comprehension "skills" at the expense of actual knowledge. In the tradition of Dale Russakoff's The Prize and Dana Goldstein's The Teacher Wars, Wexler brings together history, research, and compelling characters to pull back the curtain on this fundamental flaw in our education system--one that fellow reformers, journalists, and policymakers have long overlooked, and of which the general public, including many parents, remains unaware. But The Knowledge Gap isn't just a story of what schools have gotten so wrong--it also follows innovative educators who are in the process of shedding their deeply ingrained habits, and describes the rewards that have come along: students who are not only excited to learn but are also acquiring the knowledge and vocabulary that will enable them to succeed. If we truly want to fix our education system and unlock the potential of our neediest children, we have no choice but to pay attention. The Future of Violence - Robots and Germs, Hackers and Drones Confronting the New Age of Threat Amberley Publishing Limited The terrifying new role of technology in a world at war Navy Performance Evaluation System BUPERS Instruction 1610. 1B BUPERS 1610.1B The Factors Effecting Student Achievement Meta-Analysis of Empirical Studies Springer This book focuses on the effect of psychological, social and demographic variables on student achievement and summarizes the current research findings in the field. It addresses the need for inclusive and interpretive studies in the field in order to interpret student achievement literature and suggests new pathways for further studies. Appropriately, a meta-analysis approach is used by the contributors to show the big picture to the researchers by analyzing and combining the findings from different independent studies. In particular, the authors compile various studies examining the relationship between student achievement and 21 psychological, social and demographic variables separately. The philosophy behind this book is to direct future research and practices rather than addressing the limits of current studies. Handbook of Semantic Web Technologies Springer Science & Business Media After years of mostly theoretical research, Semantic Web Technologies are now reaching out into application areas like bioinformatics, eCommerce, eGovernment, or Social Webs. Applications like genomic ontologies, semantic web services, automated catalogue alignment, ontology matching, or blogs and social networks are constantly increasing, often driven or at least backed up by companies like Google, Amazon, YouTube, Facebook, LinkedIn and others. The need to leverage the potential of combining information in a meaningful way in order to be able to benefit from the Web will create further demand for and interest in Semantic Web research. This movement, based on the growing maturity of related research results, necessitates a reliable reference source from which beginners to the field can draw a first basic knowledge of the main underlying technologies as well as state-of-the-art application areas. This handbook, put together by three leading authorities in the field, and supported by an advisory board of highly reputed researchers, fulfils exactly this need. It is the first dedicated reference work in this field, collecting contributions about both the technical foundations of the Semantic Web as well as their main usage in other scientific fields like life sciences, engineering, business, or education. NeOn Methodology for Building Ontology Networks Specification, Scheduling and Reuse Ios PressInc A new ontology development paradigm has started its emphasis lies on the reuse and possible subsequent reengineering of knowledge resources, on the collaborative and argumentative ontology development, and on the building of ontology networks this new trend is the opposite of building new ontologies from scratch. To help ontology developers in this new paradigm, it is important to provide strong methodological support.However, up to date, there are no methodological approaches that help ontology developers to build large ontologies embedded in ontology networks in complex settings where distributed teams could Public Perception of Local Governments Inst for Local Government & "Public Perception of Local Governments" concentrates on changes in public attitudes towards local governments, and on differences in approaches towards various components of the respective municipal systems. As local governments become increasingly important in citizens' everyday lives, political institutions and public actors who can demonstrate greater sensitivity towards public opinion are vital for the success of future reforms. The hidden message of this work is that without regular and systematic analysis of public opinion, viable local government policies will become even more difficult to design and implement in the future. The book comprises research on this issue in the Czech Republic, Hungary, Poland and Slovakia. "Public Perception of Local Governments" seeks to answer three basic questions: (1) What is the public's opinion on the newly created local governments? (2) How did general public opinion influenced the various decentralization reforms of the past decade? (3) What are the typical forms of communication with the general public at the local level? Navy Tactics, Techniques, and Procedures Underway Replenishment (NTTP 4-01.4) Summary. The information contained in NTTP 4-01.4, Underway Replenishment, is directed toward preparing both the replenishment and customer ship for a replenishment evolution. Detailed rig make-up, requisite equipment, and standardized procedures are established to serve as specific guidelines for all aspects of replenishment at sea. Each ship shall ensure wide dissemination to all personnel involved in the planning of, supervision of, and participation in underway replenishment evolutions. Enlisted Aviation Warfare Specialist (EAWS) Study Guide Basic Safety Principles for Nuclear Power Plants 75-INSAG-3 Rev. 1 The present report is a revision of Safety Series No. 75-INSAG-3 (1988), updating the statements made on the objectives and principles of safe design and operation for electricity generating nuclear power plants. It includes the improvements made in the safety of operating nuclear power plants and identifies the principles underlying the best current safety policies to be applied in future plants. It presents INSAG's understanding of the principles underlying the best current safety policies and practices of the nuclear power industry. Dictionary of Medical Acronyms & Abbreviations W B Saunders Company CHEAT Cambridge Handbook of Educational Abbreviations and Terms