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KEY=AND - SHANE TIANA

How People Learn II

Learners, Contexts, and Cultures

National Academies Press There are many reasons to be curious about the way people learn, and the past several decades have seen an explosion of research that has important implications for individual learning, schooling, workforce training, and policy. In 2000, *How People Learn: Brain, Mind, Experience, and School: Expanded Edition* was published and its influence has been wide and deep. The report summarized insights on the nature of learning in school-aged children; described principles for the design of effective learning environments; and provided examples of how that could be implemented in the classroom. Since then, researchers have continued to investigate the nature of learning and have generated new findings related to the neurological processes involved in learning, individual and cultural variability related to learning, and educational technologies. In addition to expanding scientific understanding of the mechanisms of learning and how the brain adapts throughout the lifespan, there have been important discoveries about influences on learning, particularly sociocultural factors and the structure of learning environments. *How People Learn II: Learners, Contexts, and Cultures* provides a much-needed update incorporating insights gained from this research over the past decade. The book expands on the foundation laid out in the 2000 report and takes an in-depth look at the constellation of influences that affect individual learning. *How People Learn II* will become an indispensable resource to understand learning throughout the lifespan for educators of students and adults.

Scientific and Technical Aerospace Reports

Machinery, Materials Science and Engineering Applications

Proceedings of the 6th International Conference on Machinery, Materials Science and Engineering Applications (MMSE 2016), Wuhan, China, October 26-29 2016

CRC Press This conference proceeding contains papers presented at the 6th International Conference on Machinery, Materials Science and Engineering Applications (MMSE 2016), held 28-30 October, 2016 in Wuhan, China. The conference proceeding contributions cover a large number of topics, both theoretical and applied, including Material science, Electrical Engineering and Automation Control, Electronic Engineering, Applied Mechanics, Mechanical Engineering, Aerospace Science and Technology, Computer Science and Information technology and other related engineering topics. MMSE provides a perfect platform for scientists and engineering researchers to exchange ideas, build cooperative relationships and discuss the latest scientific achievements. MMSE will be of interest for academics and professionals working in a wide range of industrial, governmental and academic sectors, including Material Science, Electrical and Electronic Engineering, Information Technology and Telecommunications, Civil Engineering, Energy Production, Manufacturing, Mechanical Engineering, Nuclear Engineering, Transportation and Aerospace Science and Technology.

Machine Learning: Concepts, Methodologies, Tools and Applications

Concepts, Methodologies, Tools and Applications

IGI Global "This reference offers a wide-ranging selection of key research in a complex field of study, discussing topics ranging from using machine learning to improve the effectiveness of agents and multi-agent systems to developing machine learning software for high frequency trading in financial markets"--Provided by publishe

The Start-up PUSH

A Guide for Developers, Directors and Residents: Incubators, Accelerators, and Science Parks

IAP This book explores, documents and establishes how to help founders start businesses with the collaboration of local and international resources. An incubator, accelerator or science park all have this goal but provide a variety of foci and support. At a minimum, it's important to not only attract entrepreneurs but to have support services that can include mentoring, financial support and other services that make the incubator really filled with energy and potential. It's becoming insufficient to just have office space and WiFi. It is also important to develop good interactions between directors, the start-up community and residents. Managing the community to help residents to launch successfully is the main goal of the director. It's also important to stay abreast of the innovations happening in start-up support. Today there are many ways to incubate from bare bones office space to Incubator 1.0 space with some support to Incubator 2.0 with a great deal of support including a fund. For that reason, it's important to develop a clear strategy for the type, style,

clientele and support that will be built. This book provides guidance in three main areas: 1) What are the different options for incubators, accelerators and science parks, 2) How to assist the start-up founders (residents) and 3) How to manage the space.

United States Government Manual

Applications and Challenges of Maintenance and Safety Engineering in Industry 4.0

IGI Global To plan, build, monitor, maintain, and dispose of products and assets properly, maintenance and safety requirements must be implemented and followed. A lack of maintenance and safety protocols leads to accidents and environmental disasters as well as unexpected downtime that costs businesses money and time. With the arrival of the Fourth Industrial Revolution and evolving technological tools, it is imperative that safety and maintenance practices be reexamined. Applications and Challenges of Maintenance and Safety Engineering in Industry 4.0 is a collection of innovative research that addresses safety and design for maintenance and reducing the factors that influence and degrade human performance and that provides technological advancements and emergent technologies that reduce the dependence on operator capabilities. Highlighting a wide range of topics including management analytics, internet of things (IoT), and maintenance, this book is ideally designed for engineers, software designers, technology developers, managers, safety officials, researchers, academicians, and students.

For the Record

Protecting Electronic Health Information

National Academies Press When you visit the doctor, information about you may be recorded in an office computer. Your tests may be sent to a laboratory or consulting physician. Relevant information may be transmitted to your health insurer or pharmacy. Your data may be collected by the state government or by an organization that accredits health care or studies medical costs. By making information more readily available to those who need it, greater use of computerized health information can help improve the quality of health care and reduce its costs. Yet health care organizations must find ways to ensure that electronic health information is not improperly divulged. Patient privacy has been an issue since the oath of Hippocrates first called on physicians to "keep silence" on patient matters, and with highly sensitive data—genetic information, HIV test results, psychiatric records—entering patient records, concerns over privacy and security are growing. For the Record responds to the health care industry's need for greater guidance in protecting health information that increasingly flows through the national information infrastructure—from patient to provider, payer, analyst, employer, government agency, medical product manufacturer, and beyond. This book makes practical detailed recommendations for technical and organizational solutions and national-level initiatives. For the Record describes two major types of privacy and security concerns that stem from the availability of health information in electronic form: the increased potential for inappropriate release of information held by individual organizations (whether by those with access to computerized records or those who break into them) and systemic concerns derived from open and widespread sharing of data among various parties. The committee reports on the technological and organizational aspects of security management, including basic principles of security; the effectiveness of technologies for user authentication, access control, and encryption; obstacles and incentives in the adoption of new technologies; and mechanisms for training, monitoring, and enforcement. For the Record reviews the growing interest in electronic medical records; the increasing value of health information to providers, payers, researchers, and administrators; and the current legal and regulatory environment for protecting health data. This information is of immediate interest to policymakers, health policy researchers, patient advocates, professionals in health data management, and other stakeholders.

Export Administration Regulations

Patient Safety and Quality

An Evidence-based Handbook for Nurses

"Nurses play a vital role in improving the safety and quality of patient care -- not only in the hospital or ambulatory treatment facility, but also of community-based care and the care performed by family members. Nurses need know what proven techniques and interventions they can use to enhance patient outcomes. To address this need, the Agency for Healthcare Research and Quality (AHRQ), with additional funding from the Robert Wood Johnson Foundation, has prepared this comprehensive, 1,400-page, handbook for nurses on patient safety and quality -- Patient Safety and Quality: An Evidence-Based Handbook for Nurses. (AHRQ Publication No. 08-0043)."--Online AHRQ blurb, <http://www.ahrq.gov/qual/nursesdbk>.

Machine Vision and Augmented Intelligence—Theory and Applications

Select Proceedings of MAI 2021

Springer Nature This book comprises the proceedings of the International Conference on Machine Vision and Augmented Intelligence (MAI 2021) held at IIIT, Jabalpur, in February 2021. The conference proceedings encapsulate the best deliberations held during the conference. The diversity of participants in the event from academia, industry, and research reflects in the articles appearing in the volume. The book theme encompasses all industrial and non-industrial applications in which a combination of hardware and software provides operational guidance to devices in the execution of their functions based on the capture and processing of images. This book covers a wide range of topics such as modeling of disease transformation, epidemic forecast, COVID-19, image processing and computer vision, augmented intelligence, soft computing, deep learning, image reconstruction, artificial intelligence in healthcare, brain-computer interface, cybersecurity, and social network analysis, natural language processing, etc.

The 2020 International Conference on Machine Learning and Big Data Analytics for IoT Security and Privacy

SPIoT-2020, Volume 2

Springer Nature This book presents the proceedings of The 2020 International Conference on Machine Learning and Big Data Analytics for IoT Security and Privacy (SPIoT-2020), held in Shanghai, China, on November 6, 2020. Due to the COVID-19 outbreak problem, SPIoT-2020 conference was held online by Tencent Meeting. It provides comprehensive coverage of the latest advances and trends in information technology, science and engineering, addressing a number of broad themes, including novel machine learning and big data analytics methods for IoT security, data mining and statistical modelling for the secure IoT and machine learning-based security detecting protocols, which inspire the development of IoT security and privacy technologies. The contributions cover a wide range of topics: analytics and machine learning applications to IoT security; data-based metrics and risk assessment approaches for IoT; data confidentiality and privacy in IoT; and authentication and access control for data usage in IoT. Outlining promising future research

directions, the book is a valuable resource for students, researchers and professionals and provides a useful reference guide for newcomers to the IoT security and privacy field.

Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering

IGI Global Decision support systems (DSS) are widely touted for their effectiveness in aiding decision making, particularly across a wide and diverse range of industries including healthcare, business, and engineering applications. The concepts, principles, and theories of enhanced decision making are essential points of research as well as the exact methods, tools, and technologies being implemented in these industries. From both a standpoint of DSS interfaces, namely the design and development of these technologies, along with the implementations, including experiences and utilization of these tools, one can get a better sense of how exactly DSS has changed the face of decision making and management in multi-industry applications. Furthermore, the evaluation of the impact of these technologies is essential in moving forward in the future. The Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering explores how decision support systems have been developed and implemented across diverse industries through perspectives on the technology, the utilizations of these tools, and from a decision management standpoint. The chapters will cover not only the interfaces, implementations, and functionality of these tools, but also the overall impacts they have had on the specific industries mentioned. This book also evaluates the effectiveness along with benefits and challenges of using DSS as well as the outlook for the future. This book is ideal for decision makers, IT consultants and specialists, software developers, design professionals, academicians, policymakers, researchers, professionals, and students interested in how DSS is being used in different industries.

Vehicle, Mechatronics and Information Technologies

Trans Tech Publications Ltd Collection of selected, peer reviewed papers from the 2013 International Conference on Vehicle & Mechanical Engineering and Information Technology (VMEIT 2013), August 17-18, 2013, Zhengzhou, Henan, China. The 1094 papers are grouped as follows: Chapter 1: Design and Researches in Area of Vehicle and General Mechanical Engineering; Chapter 2: Mechatronics, Automation and Control; Chapter 3: Measurement and Instrumentation, Monitoring and Detection Technologies, Fault Diagnosis; Chapter 4: Computation Methods and Algorithms for Modeling, Simulation and Optimization, Data Mining and Data Processing; Chapter 5: Information Technologies, WEB and Networks Engineering, Information Security, Software Application and Development; Chapter 6: Power and Electric Systems, Electronics and Microelectronics, Embedded and Integrated Systems; Chapter 7: Communication, Signal and Image Processing, Data Acquisition, Identification and Recognition Technologies; Chapter 8: Information Technologies in Urban and Civil Engineering, Medicine and Biotechnology; Chapter 9: Material Science and Manufacturing Technology; Chapter 10: Information Technology in Management Engineering, Logistics, Economics, Finance, Assessment; Chapter 11: Related Themes.

Advanced Machine Learning Technologies and Applications

Proceedings of AMLTA 2020

Springer Nature This book presents the refereed proceedings of the 5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA 2020), held at Manipal University Jaipur, India, on February 13 - 15, 2019, and organized in collaboration with the Scientific Research Group in Egypt (SRGE). The papers cover current research in machine learning, big data, Internet of Things, biomedical engineering, fuzzy logic and security, as well as intelligence swarms and optimization.

Artificial Intelligence for Digitising Industry - Applications

CRC Press This book provides in-depth insights into use cases implementing artificial intelligence (AI) applications at the edge. It covers new ideas, concepts, research, and innovation to enable the development and deployment of AI, the industrial internet of things (IIoT), edge computing, and digital twin technologies in industrial environments. The work is based on the research results and activities of the AI4DI project, including an overview of industrial use cases, research, technological innovation, validation, and deployment. This book's sections build on the research, development, and innovative ideas elaborated for applications in five industries: automotive, semiconductor, industrial machinery, food and beverage, and transportation. The articles included under each of these five industrial sectors discuss AI-based methods, techniques, models, algorithms, and supporting technologies, such as IIoT, edge computing, digital twins, collaborative robots, silicon-born AI circuit concepts, neuromorphic architectures, and augmented intelligence, that are anticipating the development of Industry 5.0. Automotive applications cover use cases addressing AI-based solutions for inbound logistics and assembly process optimisation, autonomous reconfigurable battery systems, virtual AI training platforms for robot learning, autonomous mobile robotic agents, and predictive maintenance for machines on the level of a digital twin. AI-based technologies and applications in the semiconductor manufacturing industry address use cases related to AI-based failure modes and effects analysis assistants, neural networks for predicting critical 3D dimensions in MEMS inertial sensors, machine vision systems developed in the wafer inspection production line, semiconductor wafer fault classifications, automatic inspection of scanning electron microscope cross-section images for technology verification, anomaly detection on wire bond process trace data, and optical inspection. The use cases presented for machinery and industrial equipment industry applications cover topics related to wood machinery, with the perception of the surrounding environment and intelligent robot applications. AI, IIoT, and robotics solutions are highlighted for the food and beverage industry, presenting use cases addressing novel AI-based environmental monitoring; autonomous environment-aware, quality control systems for Champagne production; and production process optimisation and predictive maintenance for soybeans manufacturing. For the transportation sector, the use cases presented cover the mobility-as-a-service development of AI-based fleet management for supporting multimodal transport. This book highlights the significant technological challenges that AI application developments in industrial sectors are facing, presenting several research challenges and open issues that should guide future development for evolution towards an environment-friendly Industry 5.0. The challenges presented for AI-based applications in industrial environments include issues related to complexity, multidisciplinary and heterogeneity, convergence of AI with other technologies, energy consumption and efficiency, knowledge acquisition, reasoning with limited data, fusion of heterogeneous data, availability of reliable data sets, verification, validation, and testing for decision-making processes.

Enabling Machine Learning Applications in Data Science

Proceedings of Arab Conference for Emerging Technologies 2020

Springer Nature This book gathers selected high-quality research papers presented at Arab Conference for Emerging Technologies 2020 organized virtually in Cairo during 21-23 June 2020. This book emphasizes the role and recent developments in the field of emerging technologies and artificial intelligence, and related technologies with a special focus on sustainable development in the Arab world. The book targets high-quality scientific research papers with applications, including theory, practical, prototypes, new ideas, case studies and surveys which cover machine learning applications in data science.

The 8th International Conference on Advanced Machine Learning and Technologies and Applications (AMLTA2022)

Springer Nature This book constitutes the refereed proceedings of the 8th International Conference on Advanced Machine Learning Technologies and Applications, AMLTA 2022, held in Cairo, Egypt, during May 5-7, 2022. The 8th edition of AMLTA will be organized by the Scientific Research Group in Egypt (SRGE), Egypt, collaborating with Port Said University, Egypt, and VSB-Technical University of Ostrava, Czech Republic. AMLTA series aims to become the premier international conference for an in-depth discussion on the most up-to-date and innovative ideas, research projects, and practices in the field of machine learning technologies and their applications. The book covers current research on advanced machine learning technology, including deep learning technology, sentiment analysis, cyber-physical system, IoT, and smart cities informatics and AI against COVID-19, data mining, power and control systems, business intelligence, social media, digital transformation, and smart systems.

Commerce Business Daily

Proceedings of ACM SIGCOMM ... Conference

Machine Learning Applications in Software Engineering

World Scientific A collection of previously published articles from a variety of publications.

Improving Diagnosis in Health Care

National Academies Press Getting the right diagnosis is a key aspect of health care - it provides an explanation of a patient's health problem and informs subsequent health care decisions. The diagnostic process is a complex, collaborative activity that involves clinical reasoning and information gathering to determine a patient's health problem. According to *Improving Diagnosis in Health Care*, diagnostic errors-inaccurate or delayed diagnoses-persist throughout all settings of care and continue to harm an unacceptable number of patients. It is likely that most people will experience at least one diagnostic error in their lifetime, sometimes with devastating consequences. Diagnostic errors may cause harm to patients by preventing or delaying appropriate treatment, providing unnecessary or harmful treatment, or resulting in psychological or financial repercussions. The committee concluded that improving the diagnostic process is not only possible, but also represents a moral, professional, and public health imperative. *Improving Diagnosis in Health Care*, a continuation of the landmark Institute of Medicine reports *To Err Is Human* (2000) and *Crossing the Quality Chasm* (2001), finds that diagnosis-and, in particular, the occurrence of diagnostic errors"has been largely unappreciated in efforts to improve the quality and safety of health care. Without a dedicated focus on improving diagnosis, diagnostic errors will likely worsen as the delivery of health care and the diagnostic process continue to increase in complexity. Just as the diagnostic process is a collaborative activity, improving diagnosis will require collaboration and a widespread commitment to change among health care professionals, health care organizations, patients and their families, researchers, and policy makers. The recommendations of *Improving Diagnosis in Health Care* contribute to the growing momentum for change in this crucial area of health care quality and safety.

Advances In Manufacturing Technology VIII

Proceedings Of The 10th National Conference On Manufacturing Research

CRC Press This volume comprises the Proceedings of the Tenth National Conference on Manufacturing Research held at the University of Technology, Loughborough, UK, in September 1994, the latest in a series of meetings first convened in 1985, and the first to be published by Taylor & Francis Ltd.; Keith Case and Steven Newman, the Conference Chairs, the book c

Statistical Modelling and Machine Learning Principles for Bioinformatics Techniques, Tools, and Applications

Springer Nature This book discusses topics related to bioinformatics, statistics, and machine learning, presenting the latest research in various areas of bioinformatics. It also highlights the role of computing and machine learning in knowledge extraction from biological data, and how this knowledge can be applied in fields such as drug design, health supplements, gene therapy, proteomics and agriculture.

Educational Leadership and Administration: Concepts, Methodologies, Tools, and Applications

Concepts, Methodologies, Tools, and Applications

IGI Global The delivery of quality education to students relies heavily on the actions of an institution's administrative staff. Effective leadership strategies allow for the continued progress of modern educational initiatives. *Educational Leadership and Administration: Concepts, Methodologies, Tools, and Applications* provides comprehensive research perspectives on the multi-faceted issues of leadership and administration considerations within the education sector. Emphasizing theoretical frameworks, emerging strategic initiatives, and future outlooks, this publication is an ideal reference source for educators, professionals, school administrators, researchers, and practitioners in the field of education.

Intelligent Systems: Concepts, Methodologies, Tools, and Applications

Concepts, Methodologies, Tools, and Applications

IGI Global Ongoing advancements in modern technology have led to significant developments in intelligent systems. With the numerous applications available, it becomes imperative to conduct research and make further progress in this field. *Intelligent Systems: Concepts, Methodologies, Tools, and Applications* contains a compendium of the latest academic material on the latest breakthroughs and recent progress in intelligent systems. Including innovative studies on information retrieval, artificial intelligence, and software engineering, this multi-volume book is an ideal source for researchers, professionals, academics, upper-level students, and practitioners interested in emerging perspectives in the field of intelligent systems.

Policy Issues In Microcomputer Applications For Developing Countries

Routledge The growth of microcomputer applications in industrialized countries is predicated on an existing base that includes the ready availability of affordable hardware and software, trained personnel, capable maintenance, efficient communication systems, and a benign environment; applications are selected and facilitated by a wide range of underlying ex

1-to-1 Learning

Laptop Programs that Work

ISTE (Interntl Soc Tech Educ A timely book. . . . 1-to-1 Learning: Laptop Programs that Work is a comprehensive resource for planning and implementing laptop programs in the classroom. --CDW-G Newsletter When every student in the classroom has a laptop, tablet, or handheld computer at their fingertips, a whole new world of instructional possibilities appears. Get ready to map those possibilities with Pamela Livingston's guide to 1-to-1 programs that work. You'll find practical planning advice and a host of implementation resources. Learn how to form an effective and inclusive planning committee, choose hardware and software that will integrate well with existing systems, select the most cost-effective purchasing, support, and funding options, anticipate and overcome logistical challenges, plan professional development activities that inspire teacher buy-in, and much, much more! Learn from the leaders of the most successful 1-to-1 programs in the country how to plan and roll out a program that will work from day 1! About the Author Pamela Livingston has been an educator and administrator at independent schools for thirteen years. 1-to-1 Learning is the result of interviews with more than three dozen laptop school leaders, a review of the studies and research on laptops and schools, and the author's own professional experience leading the laptop program at the Peck School in Morristown, New Jersey, where she works as head of technology.

Utilizing Open Source Tools for Online Teaching and Learning: Applying Linux Technologies

Applying Linux Technologies

IGI Global "This book covers strategies on using and evaluating open source products for online teaching and learning systems"--Provided by publisher.

Application of Modern Technologies to International Development

Application of Big Data, Deep Learning, Machine Learning, and Other Advanced Analytical Techniques in Environmental Economics and Policy

Frontiers Media SA

Software Applications: Concepts, Methodologies, Tools, and Applications

Concepts, Methodologies, Tools, and Applications

IGI Global Includes articles in topic areas such as autonomic computing, operating system architectures, and open source software technologies and applications.

U.S. Machine Tool Industry

Its Relation to National Security : Joint Hearing Before the Committee on Foreign Relations and the Subcommittee on Energy, Nuclear Proliferation, and Government Processes of the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, First Session, November 28, 1983

Designing Electronic Performance Support Tools

Improving Workplace Performance with Hypertext, Hypermedia, and Multimedia

Educational Technology

Machine Learning and Cognitive Science Applications in Cyber Security

IGI Global In the past few years, with the evolution of advanced persistent threats and mutation techniques, sensitive and damaging information from a variety of sources have been exposed to possible corruption and hacking. Machine learning, artificial intelligence, predictive analytics, and similar disciplines of cognitive science applications have been found to have significant applications in the domain of cyber security. Machine Learning and Cognitive Science Applications in Cyber Security examines different applications of cognition that can be used to detect threats and analyze data to capture malware. Highlighting such topics as anomaly detection, intelligent platforms, and triangle scheme, this publication is designed for IT specialists, computer engineers, researchers, academicians, and industry professionals interested in the impact of machine learning in cyber security and the methodologies that can help improve the performance and reliability of machine learning applications.

1978 ERDA authorization

hearing before the Committee on Science and Technology, U.S. House of Representatives, Ninety-fifth Congress, first session ...

Man-Machine Interactions 4

4th International Conference on Man-Machine Interactions, ICMMI 2015 Kocierz Pass, Poland, October 6–9, 2015

Springer This book provides an overview of the current state of research on development and application of methods, algorithms, tools and systems associated with the studies on man-machine interaction. Modern machines and computer systems are designed not only to process information, but also to work in dynamic environment, supporting or even replacing human activities in areas such as business, industry, medicine or military. The interdisciplinary field of research on man-machine interactions focuses on broad range of aspects related to the ways in which human make or use computational artifacts, systems and infrastructure. This monograph is the fourth edition in the series and presents new concepts concerning analysis, design and evaluation of man-machine systems. The selection of high-quality, original papers covers a wide scope of research topics focused on the main problems and challenges encountered within rapidly evolving new forms of human-machine relationships. The presented material is structured into following sections: human-computer interfaces, robot, control, embedded and navigation systems, bio-data analysis and mining, biomedical signal processing, image and motion data processing, decision support and expert systems, pattern recognition, fuzzy systems, algorithms and optimisation, computer networks and mobile technologies, and data management systems.

Proliferation Concerns

Assessing U.S. Efforts to Help Contain Nuclear and Other Dangerous Materials and Technologies in the Former Soviet Union

National Academies Press The successor states of the former Soviet Union have enormous stocks of weapons-usable nuclear material and other militarily significant commodities and technologies. Preventing the flow of such items to countries of proliferation concern and to terrorist groups is a major objective of U.S. national security policy. This book reviews the effectiveness of two U.S. programs directed to this objective. These programs have supported the efforts of Russia, Ukraine, Belarus, and Kazakstan in upgrading the physical protection, control, and accountability of highly enriched uranium and plutonium and strengthening systems to control the export of many types of militarily sensitive items.

Advances in Machine Learning Research and Application: 2012 Edition

ScholarlyEditions *Advances in Machine Learning Research and Application / 2012 Edition* is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Machine Learning. The editors have built *Advances in Machine Learning Research and Application / 2012 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about Machine Learning in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Advances in Machine Learning Research and Application / 2012 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Energy and Water Development Appropriations for Fiscal Year 2001

Hearings Before a Subcommittee of the Committee on Appropriations, United States Senate, One Hundred Sixth Congress, Second Session, on H.R. 4635, 4733, and 5483, an Act Making Appropriations for Energy and Water Development for the Fiscal Year Ending September 30, 2001, and for Other Purposes