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KEY=DECISION - SALAZAR BAILEY

Decision Making Under Uncertainty Theory and Application *MIT Press* An introduction to decision making under uncertainty from a computational perspective, covering both theory and applications ranging from speech recognition to airborne collision avoidance. Many important problems involve decision making under uncertainty—that is, choosing actions based on often imperfect observations, with unknown outcomes. Designers of automated decision support systems must take into account the various sources of uncertainty while balancing the multiple objectives of the system. This book provides an introduction to the challenges of decision making under uncertainty from a computational perspective. It presents both the theory behind decision making models and algorithms and a collection of example applications that range from speech recognition to aircraft collision avoidance. Focusing on two methods for designing decision agents, planning and reinforcement learning, the book covers probabilistic models, introducing Bayesian networks as a graphical model that captures probabilistic relationships between variables; utility theory as a framework for understanding optimal decision making under uncertainty; Markov decision processes as a method for modeling sequential problems; model uncertainty; state uncertainty; and cooperative decision making involving multiple interacting agents. A series of applications shows how the theoretical concepts can be applied to systems for attribute-based person search, speech applications, collision avoidance, and unmanned aircraft persistent surveillance. Decision Making Under Uncertainty unifies research from different communities using consistent notation, and is accessible to students and researchers across engineering disciplines who have some prior exposure to probability theory and calculus. It can be used as a text for advanced undergraduate and graduate students in fields including computer science, aerospace and electrical engineering, and management science. It will also be a valuable professional reference for researchers in a variety of disciplines. **Introduction to Information Retrieval** *Cambridge University Press* Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures. **Ethical Issues in Pediatric Hematology/Oncology** *Springer Nature* This book identifies the various ethical challenges that arise in pediatric hematology/oncology and provides the necessary tools to overcome these challenges. Aiming to expand upon and strengthen providers' knowledge and experience in pediatric health care ethical issues, the text positions providers to be beneficial resources to faculty, staff, patients, and families within their institution. It presents a multidisciplinary approach to sound ethical practices that is necessary to effectively care for these patients and their families. The book reviews the principles of ethical decision-making, the unique difficulties in using children as research subjects, common ethical conundrums involved in providing end-of-life care, and general moralities of professional practice. Written by experts in their fields, Ethical Issues in Pediatric Hematology/Oncology is an innovative and valuable resource for clinicians, practitioners, and trainees who work in the field of pediatric hematology/oncology. **Reinforcement Learning, second edition An Introduction** *MIT Press* The significantly expanded and updated new edition of a widely used text on reinforcement learning, one of the most active research areas in artificial intelligence. Reinforcement learning, one of the most active research areas in artificial intelligence, is a computational approach to learning whereby an agent tries to maximize the total amount of reward it receives while interacting with a complex, uncertain environment. In Reinforcement Learning, Richard Sutton and Andrew Barto provide a clear and simple account of the field's key ideas and algorithms. This second edition has been significantly expanded and updated, presenting new topics and updating coverage of other topics. Like the first edition, this second edition focuses on core online learning algorithms, with the more mathematical material set off in shaded boxes. Part I covers as much of reinforcement learning as possible without going beyond the tabular case for which exact solutions can be found. Many algorithms presented in this part are new to the second edition, including UCB, Expected Sarsa, and Double Learning. Part II extends these ideas to function approximation, with new sections on such topics as artificial neural networks and the Fourier basis, and offers expanded treatment of off-policy learning and policy-gradient methods. Part III has new chapters on reinforcement learning's relationships to psychology and neuroscience, as well as an updated case-studies chapter including AlphaGo and AlphaGo Zero, Atari game playing, and IBM Watson's wagering strategy. The final chapter discusses the future societal impacts of reinforcement learning. **Democracy in Motion Evaluating the Practice and Impact of Deliberative Civic Engagement** *Oxford University Press* Democracy in Motion uses theory, research, and practice to comprehensively explore what we know, how we know it, and what remains to be understood about deliberative civic engagement. The book is useful to scholars, practitioners, public officials, activists, and citizens who seek to utilize deliberative civic engagement in their communities. **Why Are We The Good Guys? Reclaiming Your Mind From The Delusions Of Propaganda** *John Hunt Publishing* One of the unspoken assumptions of the Western world is that we are great defenders of human rights, a free press and the benefits of market economics. Mistakes might be made along the way, perhaps even tragic errors of judgement such as the 2003 invasion of Iraq. But the prevailing view is that the West is essentially a force for good in the wider world. Why Are We The Good Guys? is a provocative challenge of this false ideology. David Cromwell digs beneath standard accounts of crucial issues such as foreign policy, climate change and the constant struggle between state-corporate power and genuine democracy. The powerful evidence-based analysis of current affairs is leavened by some of the formative experiences that led the author to question the basic myth of Western benevolence: from schoolroom experiments in democracy, exposure to radical ideas at home, and a mercy mission while at sea; to an unexpected encounter with former Foreign Secretary Robin Cook, the struggles to publish hard-hitting journalism, and the founding of Media Lens in 2001. **Students of Color and the Achievement Gap Systemic Challenges, Systemic Transformations** *Routledge* Students of Color and the Achievement Gap is a comprehensive, landmark analysis of an incontrovertible racialized reality in U.S. K-12 public education---the relentless achievement gap between low-socioeconomic students of color and their economically advantaged White counterparts. Award winning author and scholar Richard Valencia provides an authoritative and systemic treatment of the achievement gap, focusing on Black and Latino/Latina students. He examines the societal and educational factors that help to create and maintain the achievement gap by drawing from critical race theory, an asset-based perspective and a systemic inequality approach. By showing how racialized opportunity structures in society and schools ultimately result in racialized patterns of academic achievement in schools, Valencia shows how the various indicators of the achievement gap are actually symptoms of the societal and school quality gaps. Following each of these concerns, Valencia provides a number of reform suggestions that can lead to systemic transformations of K-12 education. Students of Color and the Achievement Gap makes a persuasive and well documented case that school success for students of color, and the empowerment of their parents, can only be fully understood and realized when contextualized within broader political, economic, and cultural frameworks. **Risk and Resolution** *Page Publishing Inc* America repeatedly finds itself mired in military interventions long after public buy-in to the national interest has waned. Why is the timely disengagement of military forces so difficult to achieve? Traditional international relations theories diminish the role of the individual leader in favor of the state or international institutions. Behavioral science theories have in recent years experienced a resurgence. However, the dominant behavioral explanation of foreign policy decision-making, prospect theory, while it focuses on how people tend to make decisions under risk, still minimizes the influence of the individual president. Decisions to disengage military forces are presidential decisions, just like the decisions to commit forces to foreign interventions. If we accept this, then it is important to understand if, and if so why, some presidents inherently are more or less acceptant of the risks disengagement presents. This book operationalizes a competing personality-based model of decision-making under risk. Referred to here as the trait-based model, it is assessed using disengagement opportunities in three varied levels of military intervention across four presidencies: humanitarian relief turned nation-building under George H. W. Bush and Bill Clinton in Somalia, compellent air campaigns turned peace-making/keeping in Bosnia and Kosovo under Clinton, and major combat operations turned irregular warfare in Iraq under George W. Bush and Barack Obama. Data for the model predominantly comes from existing presidential personality profiles based on the dominant model of personality theory, the five-factor model, augmented by Myers-Briggs Type Inventory data from public sources. This study aims to explain the roughly 30 percent of cases which defy prospect theory's predictions and to better explain those cases where prospect theory might heretofore have sufficed. The results suggest specific personality traits do in fact point to presidents' predispositions toward risk, which in turn help explain their disengagement decisions. This work may be only the second to apply the five-factor model to presidential foreign policy decision-making and is the first to do so in the context of disengagement decisions. Hopefully it will foster further work in both areas. **The Oxford Handbook of Economic Conflict Resolution** *Oxford University Press* Individuals, groups, and societies all experience and resolve conflict. In this handbook, scholars from multiple disciplines offer perspectives on the current state and future challenges in negotiation and conflict resolution. This confluence of research perspectives will identify synergies and advances in our understanding of conflict resolution. **Decisions and Orders of the National Labor Relations Board** **Justice Department Policy Concerning News Media Search Warrants Hearing Before a Subcommittee of the Committee on Government Operations, House of Representatives, Ninety-fifth Congress, Second Session, June 26, 1978** **Citizens Privacy Protection Act Hearings Before the Subcommittee on the Constitution of the Committee on the Judiciary, United States Senate, Ninety-fifth Congress, Second Session, on S. 3162 ... and S. 3164** **Twice As Good Condoleezza Rice and Her Path to Power** *Rodale* Examines the life and achievements of Secretary of State Condoleezza Rice, from her childhood in Alabama and Colorado to her controversial role in sending Americans to war in Iraq. Reprint. **Firewalls and Internet Security Repelling the Wily Hacker** *Addison-Wesley Professional* Introduces the authors' philosophy of Internet security, explores possible attacks on hosts and networks, discusses firewalls and virtual private networks, and analyzes the state of communication security. **Convex Optimization** *Cambridge University Press* A comprehensive introduction to the tools, techniques and applications of convex optimization. Shakespeare, Einstein, and

the Bottom Line *Harvard University Press* How can you turn an English department into a revenue center? How do you grade students if they are "customers" you must please? How do you keep industry from dictating a university's research agenda? What happens when the life of the mind meets the bottom line? Wry and insightful, Shakespeare, Einstein, and the Bottom Line takes us on a cross-country tour of the most powerful trend in academic life today--the rise of business values and the belief that efficiency, immediate practical usefulness, and marketplace triumph are the best measures of a university's success. With a shrewd eye for the telling example, David Kirp relates stories of marketing incursions into places as diverse as New York University's philosophy department and the University of Virginia's business school, the high-minded University of Chicago and for-profit DeVry University. He describes how universities "brand" themselves for greater appeal in the competition for top students; how academic super-stars are wooed at outsized salaries to boost an institution's visibility and prestige; how taxpayer-supported academic research gets turned into profitable patents and ideas get sold to the highest bidder; and how the liberal arts shrink under the pressure to be self-supporting. Far from doctrinaire, Kirp believes there's a place for the market--but the market must be kept in its place. While skewering Philistinism, he admires the entrepreneurial energy that has invigorated academe's dreary precincts. And finally, he issues a challenge to those who decry the ascent of market values: given the plight of higher education, what is the alternative? Table of Contents: Introduction: The New U Part I: The Higher Education Bazaar 1. This Little Student Went to Market 2. Nietzsche's Niche: The University of Chicago 3. Benjamin Rush's "Brat": Dickinson College 4. Star Wars: New York University Part II: Management 101 5. The Dead Hand of Precedent: New York Law School 6. Kafka Was an Optimist: The University of Southern California and the University of Michigan 7. Mr. Jefferson's "Private" College: Darden Graduate School of Business Administration, University of Virginia Part III: Virtual Worlds 8. Rebel Alliance: The Classics Departments of Sixteen Southern Liberal Arts Colleges 9. The Market in Ideas: Columbia University and the Massachusetts Institute of Technology 10. The British Are Coming-and Going: Open University Part IV: The Smart Money 11. A Good Deal of Collaboration: The University of California, Berkeley 12. The Information Technology Gold Rush: IT Certification Courses in Silicon Valley 13. They're All Business: DeVry University Conclusion: The Corporation of Learning Notes Acknowledgments Index Reviews of this book: An illuminating view of both good and bad results in a market-driven educational system. --David Siegfried, Booklist Reviews of this book: Kirp has an eye for telling examples, and he captures the turmoil and transformation in higher education in readable style. --Karen W. Arenson, New York Times Reviews of this book: Mr. Kirp is both quite fair and a good reporter; he has a keen eye for the important ways in which bean-counting has transformed universities, making them financially responsible and also more concerned about developing lucrative specialties than preserving the liberal arts and humanities. Shakespeare, Einstein, and the Bottom Line is one of the best education books of the year, and anyone interested in higher education will find it to be superior. --Martin Morse Wooster, Washington Times Reviews of this book: There is a place for the market in higher education, Kirp believes, but only if institutions keep the market in its place...Kirp's bottom line is that the bargains universities make in pursuit of money are, inevitably, Faustian. They imperil academic freedom, the commitment to sharing knowledge, the privileging of need and merit rather than the ability to pay, and the conviction that the student/consumer is not always right. --Glenn C. Altschuler, Philadelphia Inquirer Reviews of this book: David Kirp's fine new book, Shakespeare, Einstein, and the Bottom Line, lays out dozens of ways in which the ivory tower has leaned under the gravitational influence of economic pressures and the market. --Carlos Alcal', Sacramento Bee Reviews of this book: The real subject of Kirp's well-researched and amply footnoted book turns out to be more than this volume's subtitle, 'the marketing of higher education.' It is, in fact, the American soul. Where will our nation be if instead of colleges transforming the brightest young people as they come of age, they focus instead on serving their paying customers and chasing the tastes they should be shaping? Where will we be without institutions that value truth more than money and intellectual creativity more than creative accounting? ...Kirp says plainly that the heart of the university is the common good. The more we can all reflect upon that common good--not our pocketbooks or retirement funds, but what is good for the general mass of men and women--the better the world of the American university will be, and the better the nation will be as well. --Peter S. Temes, San Francisco Chronicle Reviews of this book: David Kirp's excellent book Shakespeare, Einstein, and the Bottom Line provides a remarkable window into the financial challenges of higher education and the crosscurrents that drive institutional decision-making...Kirp explores the continuing battle for the soul of the university: the role of the marketplace in shaping higher education, the tension between revenue generation and the historic mission of the university to advance the public good...This fine book provides a cautionary note to all in higher education. While seeking as many additional revenue streams as possible, it is important that institutions have clarity of mission and values if they are going to be able to make the case for continued public support. --Lewis Collens, Chicago Tribune Reviews of this book: In this delightful book David Kirp...tells the story of markets in U.S. higher education...[It] should be read by anyone who aspires to run a university, faculty or department. --Terence Kealey, Times Higher Education Supplement The monastery is colliding with the market. American colleges and universities are in a fiercely competitive race for dollars and prestige. The result may have less to do with academic excellence than with clever branding and salesmanship. David Kirp offers a compelling account of what's happening to higher education, and what it means for the future. --Robert B. Reich, University Professor, Brandeis University, and former U.S. Secretary of Labor Can universities keep their purpose, independence, and public trust when forced to prove themselves cost-effective? In this shrewd and readable book, David Kirp explores what happens when the pursuit of truth becomes entwined with the pursuit of money. Kirp finds bright spots in unexpected places--for instance, the emerging for-profit higher education sector--and he describes how some traditional institutions balance their financial needs with their academic missions. Full of good stories and swift character sketches, Shakespeare, Einstein, and the Bottom Line is engrossing for anyone who cares about higher education. --Laura D'Andrea Tyson, former Chair, Council of Economic Advisers David Kirp wryly observes that "maintaining communities of scholars is not a concern of the market." His account of the state of higher education today makes it appallingly clear that the conditions necessary for the flourishing of both scholarship and community are disappearing before our eyes. One would like to think of this as a wake-up call, but the hour may already be too late. --Stanley Fish, Dean of the College of Liberal Arts and Sciences, the University of Illinois at Chicago This is, quite simply, the most deeply informed and best written recent book on the dilemma of undergraduate education in the United States. David Kirp is almost alone in stressing what relentless commercialization of higher education does to undergraduates. At the same time, he identifies places where administrators and faculty have managed to make the market work for, not against, real education. If only college and university presidents could be made to read this book! --Stanley N. Katz, Center for Arts and Cultural Policy Studies, Princeton University Once a generation a book brilliantly gives meaning to seemingly disorderly trends in higher education. David Kirp's Shakespeare, Einstein, and the Bottom Line is that book for our time [the early 21st century?]. With passion and eloquence, Kirp describes the decline of higher education as a public good, the loss of university governing authority to constituent groups and external funding sources, the two-edged sword of collaboration with the private sector, and the rise of business values in the academy. This is a must read for all who care about the future of our universities. --Mark G. Yudof, Chancellor, The University of Texas System David Kirp not only has a clear theoretical grasp of the economic forces that have been transforming American universities, he can write about them without putting the reader to sleep, in lively, richly detailed case studies. This is a rare book. --Robert H. Frank, Johnson Graduate School of Management, Cornell University David Kirp wanders America's campuses, and he wonders--are markets, management and technology supplanting vision, values and truth? With a large dose of nostalgia and a penchant for academic personalities, he ponders the struggles and synergies of Ivy and Internet, of industry and independence. Wandering and wondering with him, readers will feel the speed of change in contemporary higher education. --Charles M. Vest, President, Massachusetts Institute of Technology Advanced Methodologies and Technologies in Modern Education Delivery *IGI Global* Recent innovations and new technologies in education have altered the way teachers approach instruction and learning and can provide countless advantages. The pedagogical value of specific technology tools and the cumulative effects of technology exposure on student learning over time are two areas that need to be explored to better determine the improvements needed in the modern classroom. Advanced Methodologies and Technologies in Modern Education Delivery provides emerging research on educational models in the continually improving classroom. While highlighting the challenges facing modern in-service and pre-service teachers when educating students, readers will learn information on new methods in curriculum development, instructional design, and learning assessments to implement within their classrooms. This book is a vital resource for pre-service and in-service teachers, teacher education professionals, higher education administrative professionals, and researchers interested in new curriculum development. Expertise and Decision Support *Springer Science & Business Media* This volume brings together a range of contributors from Europe and North America. All contributions were especially commissioned with a view to e- cidating a major multidisciplinary topic that is of concern to both academics and practitioners. The focus of the book is on expert judgment and its interaction with decision support systems. In the first part, the nature of expertise is discussed and characteristics of expert judges are described. Issues concerned with the eval- tion of judgment in the psychological laboratory are assessed and contrasted with studies of expert judgment in ecologically valid contexts. In addition, issues concerned with eliciting and validating expert knowledge are discussed. Dem- strations of good judgmental performance are linked to situational factors such as feedback cycles, and measurement of coherence and reliability in expert ju- ment is introduced as a baseline determinant of good judgmental performance. Issues concerned with the representation of elicited expert knowledge in kno- edge-based systems are evaluated and methods are described that have been shown to produce improvements in judgmental performance. Behavioral and mathematical ways of combining judgments from multiple experts are discussed. Finally, the issues developed in the preceding contributions are focused on current controversies in decision support. Expert judgment is utilized as a major input into decision analysis, forecasting with statistical models, and expert s- tems. The ex-ante regulation of artificial intelligence in Ethiopia *GRIN Verlag* Master's Thesis from the year 2019 in the subject Sociology - Culture, Technology, Peoples / Nations, grade: very good, Ethiopian Civil Service University (leadership and good governance), course: Law, language: English, abstract: Artificial intelligence is one of the newly emerging technologies which are creating new challenges to the existing laws and raising serious survival questions. Regarding the relation of artificial intelligence and the law, there are serious concerns on how the law regulates artificial intelligence as it is now being more difficult for traditional public regulatory bodies to control the development of AI. Some form of regulation is likely necessary to protect society from harm. Due to the power and complexity of this new emerging technology, Regulation can, indeed, be very impactful, but it also carries risks. This thesis tried to solve this difficulty and examined different issue to answer whether artificial intelligence should be regulated or not and, if so, which basic principles should be followed and who are the suitable organs to regulate it. It also demonstrated the intricacy of this newly emerging technology as it has its own positive and negative consequences on the life of the society. Since the AI technology is prevailing constantly from time to time and its involvement is increasing in every aspect of activities such as factories or hospitals, the particular research emphasized the need for the development of AI that reconciles with its Ethical, legal as well as social issues. To this end, the issue of ex-ante regulation was underscored as a necessity to handle the potential challenges of AI in a formal way. Concurrent Resolution on the Budget Fiscal Year 2013 Hearings Before the Committee on the Budget, United States Senate, One Hundred Twelfth Congress, Second Session Reclaiming Accountability in Teacher Education *Teachers College Press* Cochran-Smith and her research team argue that it is time for teacher educators to reclaim accountability. They critique major accountability initiatives, exposing the lack of evidence behind these policies and the negative impact they have on teacher education. They also offer an achievable alternative based on a commitment to equity and democracy. Intelligence Analysis for Tomorrow Advances from the Behavioral and Social Sciences *National Academies Press* The intelligence community (IC) plays an essential role in the national security of the United States. Decision makers rely on IC analyses and predictions to reduce uncertainty and to provide warnings about everything from international diplomatic relations to overseas conflicts. In today's complex and rapidly changing world, it is more important than

ever that analytic products be accurate and timely. Recognizing that need, the IC has been actively seeking ways to improve its performance and expand its capabilities. In 2008, the Office of the Director of National Intelligence (ODNI) asked the National Research Council (NRC) to establish a committee to synthesize and assess evidence from the behavioral and social sciences relevant to analytic methods and their potential application for the U.S. intelligence community. In Intelligence Analysis for Tomorrow: Advances from the Behavioral and Social Sciences, the NRC offers the Director of National Intelligence (DNI) recommendations to address many of the IC's challenges. Intelligence Analysis for Tomorrow asserts that one of the most important things that the IC can learn from the behavioral and social sciences is how to characterize and evaluate its analytic assumptions, methods, technologies, and management practices. Behavioral and social scientific knowledge can help the IC to understand and improve all phases of the analytic cycle: how to recruit, select, train, and motivate analysts; how to master and deploy the most suitable analytic methods; how to organize the day-to-day work of analysts, as individuals and teams; and how to communicate with its customers. The report makes five broad recommendations which offer practical ways to apply the behavioral and social sciences, which will bring the IC substantial immediate and longer-term benefits with modest costs and minimal disruption. Foreign Policy Theories, Actors, Cases *Oxford University Press* This ground breaking text provides the ideal introduction to the ever-changing field of foreign policy. With a unique combination of theories, actors and cases in a single volume, the expert contributors provide students with a valuable and accessible introduction to what foreign policy is and how it is conducted. With an emphasis throughout on grounding theory in empirical examples, the textbook features a section dedicated to relevant and topical case studies where foreign policy analysis approaches and theories are applied. The expert team of contributors clearly conveys the connection between international relations theory, political science, and the development of foreign policy analysis, emphasizing the key debates in the academic community. The text is accompanied by an Online Resource Centre, which provides additional resources for both lecturers and students. For students: - Expand your reading with web links organized by chapter that point you to pertinent articles and useful websites. - Test your understanding of key terms with the flashcard glossary. - Explore the evolution of foreign policy analysis by following an interactive timeline For lecturers: - Use the adaptable PowerPoint slides as the basis for lecture presentations, or as hand-outs in class. - Find out how to use case studies in your teaching with our guide to using case studies - Use the simulation exercises to help your students explore negotiations and debates Uncertainty in Pharmacology Epistemology, Methods, and Decisions *Springer Nature* This volume covers a wide range of topics concerning methodological, epistemological, and regulatory-ethical issues around pharmacology. The book focuses in particular on the diverse sources of uncertainty, the different kinds of uncertainty that there are, and the diverse ways in which these uncertainties are (or could be) addressed. Compared with the more basic sciences, such as chemistry or biology, pharmacology works across diverse observable levels of reality: although the first step in the causal chain leading to the therapeutic outcome takes place at the biochemical level, the end-effect is a clinically observable result—which is influenced not only by biological actions, but also psychological and social phenomena. Issues of causality and evidence must be treated with these specific aspects in mind. In covering these issues, the book opens up a common domain of investigation which intersects the deeply intertwined dimensions of pharmacological research, pharmaceutical regulation and the related economic environment. The book is a collective endeavour with in-depth contributions from experts in pharmacology, philosophy of medicine, statistics, scientific methodology, formal and social epistemology, working in constant dialogue across disciplinary boundaries. An Introduction to Artificial Intelligence in Education *Springer Nature* This book systematically reviews a broad range of cases in education that utilize cutting-edge AI technologies. Furthermore, it introduces readers to the latest findings on the scope of AI in education, so as to inspire researchers from non-technological fields (e.g. education, psychology and neuroscience) to solve education problems using the latest AI techniques. It also showcases a number of established AI systems and products that have been employed for education. Lastly, the book discusses how AI can offer an enabling technology for critical aspects of education, typically including the learner, content, strategy, tools and environment, and what breakthroughs and advances the future holds. The book provides an essential resource for researchers, students and industrial practitioners interested and engaged in the fields of AI and education. It also offers a convenient handbook for non-professional readers who need a primer on AI in education, and who want to gain a deeper understanding of emerging trends in this domain. Why Intelligence Fails Lessons from the Iranian Revolution and the Iraq War *Cornell University Press* The U.S. government spends enormous resources each year on the gathering and analysis of intelligence, yet the history of American foreign policy is littered with missteps and misunderstandings that have resulted from intelligence failures. In Why Intelligence Fails, Robert Jervis examines the politics and psychology of two of the more spectacular intelligence failures in recent memory: the mistaken belief that the regime of the Shah in Iran was secure and stable in 1978, and the claim that Iraq had active WMD programs in 2002. The Iran case is based on a recently declassified report Jervis was commissioned to undertake by CIA thirty years ago and includes memoranda written by CIA officials in response to Jervis's findings. The Iraq case, also grounded in a review of the intelligence community's performance, is based on close readings of both classified and declassified documents, though Jervis's conclusions are entirely supported by evidence that has been declassified. In both cases, Jervis finds not only that intelligence was badly flawed but also that later explanations—analysts were bowing to political pressure and telling the White House what it wanted to hear or were willfully blind—were also incorrect. Proponents of these explanations claimed that initial errors were compounded by groupthink, lack of coordination within the government, and failure to share information. Policy prescriptions, including the recent establishment of a Director of National Intelligence, were supposed to remedy the situation. In Jervis's estimation, neither the explanations nor the prescriptions are adequate. The inferences that intelligence drew were actually quite plausible given the information available. Errors arose, he concludes, from insufficient attention to the ways in which information should be gathered and interpreted, a lack of self-awareness about the factors that led to the judgments, and an organizational culture that failed to probe for weaknesses and explore alternatives. Evaluating the inherent tensions between the methods and aims of intelligence personnel and policymakers from a unique insider's perspective, Jervis forcefully criticizes recent proposals for improving the performance of the intelligence community and discusses ways in which future analysis can be improved. Succeeding in Academic Medicine A Roadmap for Diverse Medical Students and Residents *Springer Nature* This first-of-its-kind book for underrepresented racial and ethnic minorities (URM), women, and sexual and gender minorities in medicine offers the core knowledge and skills needed to achieve a well-planned, fulfilling career in academic medicine. The knowledge and skills provided by the esteemed co-authors, successful diverse pre-faculty, and junior and senior academicians, are complemented by their inspirational and motivational stories. Increasing diversity in the academic medicine workforce has been identified and embraced as a core value of institutional excellence at nearly all academic institutions and professional associations. Despite this established core value, certain groups such as Black/African-American, Latino/Hispanic, American Indian/Alaska Native-identified individuals, women, and sexual and gender minorities, are still present in lower proportions compared with the general population and lack inclusion. In 12 chapters and with a unique focus on a practical approach to increasing diversity and inclusion in academic medicine, this book demystifies the often-insular world of academic medicine. It comprehensively outlines career opportunities and associated responsibilities, how to transform academic-related work to scholarship, and offers a clear and transparent look into the academic appointment and promotion process. By focusing on the practical steps described in this handy book, students and residents can develop a strong foundation for an academic medicine career and succeed in becoming the next generation of diverse faculty and administrators. Speech & Language Processing *Pearson Education India* Designing User Friendly Augmented Work Environments *Springer Science & Business Media* This book aims at capitalizing and transmitting know-how about the design of Augmented Environments (AE) from some of the most prominent laboratories in the field worldwide. The authors belong to the RUFAE network (Research on User- Friendly Augmented Environments, founded in 2002) who meet in research seminars to share experience; Writing this book was perceived as an opportunity to look back over the last few years to sum up important findings; and formalize their approach and experience, which they never had the time or opportunity to do. Although the authors of this book have very different backgrounds, striking similarities emerge in their approach and design principles: never-endingness, activity-orientedness, continuous design, realism are some of the pillars of this approach; enabling to deal with the complex, heterogeneous, multi-user and mul- purpose constructions which AE designers have to face. The book illustrates how these principles enabled them to construct robust, ef- cient, and user-friendly Augmented Environments in spite of the many challenges to make these operational. We hope their experience will help the reader. Primary audience: Academics, Students and Professionals involved in the CHI, CSCW, Ubicomp, Cooperative Building communities. Computer Scientists int- ested by end-users and applications, Social Scientists operating in the IT domain, IT & Organization Consultants. Secondary audience: Developers of office and conferencing applications or middleware, Architects of office buildings, Space Planners, Designers; Facility Managers; IT, furniture & building Business Communities. OECD Economic Surveys: United States 2012 *OECD Publishing* OECD's 2012 survey of the US economy examines recent economic developments, policies and prospects and takes a more detailed look at labour market policies and strengthening innovation. Stanford Business Under the Nuclear Shadow Situational Awareness Technology and Crisis Decisionmaking *Rowman & Littlefield* Information dominance has been essential to ensuring U.S. military effectiveness, sustaining the credibility and assurance of military alliances, and stabilizing or reducing the risks of miscalculation or collateral damage. But can there be too much of a good thing? Intellectual Property, Faculty Rights and the Public Good New Directions for Higher Education, Number 177 *John Wiley & Sons* Explore the different forms that intellectual property (IP) has taken in higher education in recent years and how to navigate the changing landscape for faculty members and university administrators. Due to technological advancements and the rise of neo-liberal policies influenced by academic capitalism, faculty members are finding their rights being renegotiated, often without their input. Through patents, copyrights, distance education programs and MOOCS, universities and publishers are seeking to gain a competitive advantage in a market largely dominated by profit generation. All this is putting the university's public mission in tension with increasingly profit-driven university management practices. This volume: Presents policy trends in university IP regulation over the past 40 years, Examines the utility of IP rights in higher education, Considers the implications of knowledge ownership in the academic profession. and Details the IP barriers that faculty encounter when attempting to share their work. This is the 177th volume of the Jossey-Bass quarterly report series New Directions for Higher Education. Addressed to presidents, vice presidents, deans, and other higher education decision makers on all kinds of campuses, it provides timely information and authoritative advice about major issues and administrative problems confronting every institution. The Ethics of Governance Moral Limits of Policy Decisions *Springer Nature* The Ethics of Governance: Moral Limits of Policy Decisions offers a toolbox drawn from normative ethics which finds applications in public governance, primarily focusing on policy making and executive action. It includes ethical concepts and principles culled from different philosophical traditions, ranging from more familiar Western theories to non-Western ethical perspectives, thereby providing a truly global, decolonized and expanded normative lens on issues of governance. The book takes a unique and original approach; it demonstrates the use of the ethical toolbox in the context of actual examples of governance challenges. Taking three major case studies each representing an aspect of human-human and/or human-nature and/or human-animal relationship, the book attempts to show the significance of public practical reasoning in policy decisions with the aim of arriving at reasonable responses. Acknowledging the challenges that policy makers often face, the book highlights the fact that policy making is hardly an exercise yielding a black-or-white solution; rather it involves finding the most reasonable normative outcome (course of action) in a given situation, especially employing an expanded understanding of values including well-being, sustainability, interdependence and community. This effort that helps bridge the gap between ethical theorists and policy practitioners exemplifies the necessary role of engaged philosophy in public governance. In the major case studies, Boxes offer facts and figures along with pertinent ethical questions that have been raised and discussed. Aiming to aid the engagement of a diverse audience including non-philosophy readers, each chapter also includes Boxes

containing examples, shorter case studies, at-a-glance charts, and tables with comprehensive ethical tools for a quick recap. Conflict Resolution Beyond the Realist Paradigm Transformative Strategies and Inclusive Practices in Nagorno-Karabakh and Syria *Columbia University Press* Conflict Resolution holds the promise of freeing approaches and policies with regard to politics of identity from the fatalistic grip of realism. While the conceptual literature on identity and conflicts has moved in this alternative direction, conflict resolution practice continues to rely on realist frames and acts as an unwanted auxiliary to traditional international relations. Perpetuation of conflict discourses, marginalization, and exclusion of affected populations are widespread. They are caused by the overreliance of conflict resolution practice on the binary frames of classic IR paradigms and also by the competitive and hierarchical relationships within the field. Philip Gamaghelyan relies on participatory action research and collective autoethnography to expose patterns of exclusion and marginalization as well as the paradoxical reproduction of conflict-promoting frames in current conflict-resolution practice applied to the Nagorno-Karabakh and Syrian crises. He builds on the work of postmodernist scholars, on reflective practice, and on discourse analysis to explore alternative and inclusive strategies with a transformative potential. The IR discipline that has dominated policymaking is only one possible lens, and often a deficient one, for defining, preventing, or resolving contemporary conflicts wrapped in identity politics. Other conceptual frameworks can help to rethink our understanding of identity and conflicts and reconstruct them as performative and not static phenomena. These transformative frameworks are increasingly influential in the conflict resolution field and can be applied to policymaking. Illegal Online File Sharing, Decision-Analysis, and the Pricing of Digital Goods *CRC Press* Illegal online file sharing costs companies tens of billions of dollars of lost revenues around the world annually and results in lost productivity, various psychological issues, and significant reduction of incentives to create and innovate. Legislative, technical, and enforcement efforts have failed. This book presents psychological theories about why people illegally share files online; analyzes and characterizes optimal sanctions for illegal online file sharing; introduces new models for pricing of network-access and digital-content to help reduce illegal online file sharing; introduces new content control and P2P systems; and explains why game theory does not work in pricing of network access. Computerworld For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network. Opening Doors to Diversity in Leadership *University of Toronto Press* Why is leadership not diverse and what can be done about it? Opening Doors to Diversity in Leadership provides evidence and options for businesses to build a more diverse workforce, leadership team and corporate culture. Courting Failure How School Finance Lawsuits Exploit Judges' Good Intentions and Harm Our Children *Hoover Press* The expert contributors to this volume assess recent court actions in school adequacy lawsuits and their impact on student outcomes. They show that simply throwing more resources at the problem has not brought about a solution and call for changes centered around accountability, incentives, and more informed parents and policymakers. Artificial Intelligence and International Economic Law *Cambridge University Press* Examines the interplay between artificial intelligence and international economic law, and its effects on global economic order. This title is also available as Open Access.