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Human Values and the Design of Computer Technology Batya Friedman 1997-12-13 Human values--including accountability, privacy, autonomy, and respect for person--emerge from the computer systems that we build and how we choose to use them. Yet, important questions on human values and system design have remained largely unexplored. If human values are controversial, then on what basis do some values override others in the design of, for example, hardware, algorithms, and databases? Do users interact with computer systems as social actors? If so, should designers of computer persona and agents seek to build on such human tendencies, or check them? How have design decisions in hospitals, research labs, and computer corporations protected or degraded such values? This volume brings together leading researchers and system designers who take up these questions, and more.

Deep Search Konrad Becker 2009 Deep Search collects 13 texts which investigate the social and political dimensions of how we navigate the deep seas of knowledge. What do we win, and what do we lose when we move from an analogue to a digital information order? How is computer readable significance produced, how is meaning involved in machine communication? Where is the potential of having access to such vast amounts of information? What are the dangers of our reliance on search engines and are there any approaches that do not follow the currently dominating paradigm of Google? This volume answers these questions of culture, context and classification regarding information systems that should not be ignored.

The Internet Trap Matthew Hindman 2020-11-10 Why there is no such thing as a free audience in today's attention economy The internet was supposed to fragment audiences and make media monopolies impossible. Instead, behemoths like Google and Facebook now dominate the time we spend online—and grab all the profits. This provocative and timely book sheds light on the stunning rise of the digital giants and the online struggles of nearly everyone else, and reveals what small players can do to survive in a game that is rigged against them. Challenging some of the most enduring myths of digital life, Matthew Hindman explains why net neutrality alone is no guarantee of an open internet, and demonstrates what it really takes to grow a digital audience in today's competitive online economy.

Multilingual Computer Assisted Language Learning Judith Buendgens-Kosten 2018-08-09 Recent developments in education, such as the increasing linguistic diversity in school populations and the digital revolution which has led to new ways of being, learning and socialising, have brought about fresh

challenges and opportunities. In response, this book shows how technology enriches multilingual language learning, as well as how multilingual practices enrich computer assisted language learning (CALL) by bringing together two, thus far distinct, fields of research: CALL and multilingual approaches to language learning. The collection includes contributions from researchers and practitioners from three continents to illustrate how native languages, previously studied languages, heritage languages or dialects are activated through technology in formal and informal learning situations. The studies in this book showcase multilingual language use in chat rooms, computer games, digital stories, ebook apps, online texts and telecollaboration/virtual exchange via interactive whiteboards. This volume will be of interest to researchers interested in language learning and teaching and to practitioners looking for support in seizing the opportunities presented by the multilingual, digital classroom.

Informal Digital Learning of English Ju Seong Lee 2021-12-28 In today's digital era, increasing numbers of youth around the world learn English outside classrooms, frequently with the use of technology. This timely book brings together research and theory on the increasingly common phenomenon of Informal Digital Learning of English (IDLE) among students of all ages and across a wide range of contexts globally. By examining the positive impact of IDLE on students' reading, writing, listening, and speaking abilities, as well as the unique challenges that result, Lee synthesizes research in one accessible and comprehensive volume in this rapidly developing domain. This book addresses key concepts, including Computer Assisted Language Learning, the impact on standardized assessment, and the role of classroom learning. Lee offers empirically tested activities, pedagogical recommendations, and lesson plans to engage ESL/EFL students. The research overview and practical offerings make this an ideal text for courses in TESOL on online education, language teaching online, digital learning, community and language, and applied linguistics.

Parity games, separations, and the modal µ-calculus Dittmann, Christoph 2017-03-08 The topics of this thesis are the modal µ-calculus and parity games. The modal µ-calculus is a common logic for model-checking in computer science. The model-checking problem of the modal µ-calculus is polynomial time equivalent to solving parity games, a 2-player game on labeled directed graphs. We present the first FPT algorithms (fixed-parameter tractable) for the model-checking problem of the modal µ-calculus on restricted classes of graphs, specifically on classes of bounded Kelly-width or bounded DAG-width. In this process we also prove a general decomposition theorem for the modal µ-calculus and define a useful notion of type for this logic. Then, assuming a class of parity games has a polynomial time algorithm solving it, we consider the problem of extending this algorithm to larger classes of parity games. In particular, we show that joining games, pasting games, or adding single vertices preserves polynomial-time solvability. It follows that parity games can be solved in polynomial time if their underlying undirected graph is a tournament, a complete bipartite graph, or a block graph. In the last chapter we present the first non-trivial formal proof about parity games. We explain a formal proof of positional determinacy of parity games in the proof assistant Isabelle/HOL. Die Themen dieser Dissertation sind der modale µ-Kalkül und Paritätsspiele. Der modale µ-Kalkül ist eine häufig eingesetzte Logik im Bereich des Model-Checkings in der Informatik. Das Model-Checking-Problem des modalen µ-Kalküls ist polynomialzeitäquivalent zum Lösen von Paritätsspielen, einem 2-Spielerspiel auf beschrifteten, gerichteten Graphen. Wir präsentieren die ersten FPT-Algorithmen (fixed-parameter tractable) für das Model-Checking-Problem des modalen µ-Kalküls auf Klassen von Graphen mit beschränkter Kelly-Weite oder beschränkter DAG-Weite. Für diesen Zweck beweisen wir einen allgemeineren Zerlegungssatz für den modalen µ-Kalkül und stellen eine nützliche Definition von Typen für diese Logik vor. Angenommen, eine Klasse von Paritätsspielen hat einen Polynomialzeit-Lösungs-Algorithmus, betrachten wir danach das Problem, diese Klassen zu erweitern auf eine Weise, sodass Polynomialzeit-Lösbarkeit erhalten bleibt. Wir zeigen, dass dies beim Join von Paritätsspielen, beim Pasting und beim Hinzufügen einzelner Knoten der

Fall ist. Wir folgern daraus, dass das Lösen von Paritätsspielen in Polynomialzeit möglich ist, falls der unterliegende ungerichtete Graph ein Tournament, ein vollständiger bipartiter Graph oder ein Blockgraph ist. Im letzten Kapitel präsentieren wir den ersten nicht-trivialen formalen Beweis über Paritätsspiele. Wir stellen einen formalen Beweis für die positionale Determiniertheit von Paritätsspielen im Beweis-Assistenten Isabelle/HOL vor.

Re-Designing Learning Contexts Rosemary Luckin 2010-04-12 What do we mean by the word 'context' in education and how does our context influence the way that we learn? What role can technology play in enhancing learning and what is the future of technology within learning? Re-Designing Learning Contexts seeks to re-dress the lack of attention that has traditionally been paid to a learner's wider context and proposes a model to help educators and technologists develop more productive learning contexts. It defines context as the interactions between the learner and a set of inter-related resource elements that are not tied to a physical or virtual location. Context is something that belongs to an individual and that is created through their interactions in the world. Based on original, empirical research, the book considers the intersection between learning, context and technology, and explores: the meaning of the concept of context and it's relationship to learning the ways in which different types of technology can scaffold learning in context the Learner-Centric 'Ecology of Resources' model of context as a framework for designing technology-rich learning environments the importance of matching available resources to each learner's particular needs the ways in which the learner's environment and the technologies available might change over the coming years the potential impact of recent technological developments within computer science and artificial intelligence. This interdisciplinary study draws on a range of disciplines, including geography, anthropology, psychology, education and computing, to investigate the dynamics and potential of teacher-learner interaction within a learning continuum, and across a variety of locations. It will be of interest to those teaching, researching and thinking about the use of technology in learning and pedagogy, as well as those involved in developing technology for education and those who use it in their own teaching. For practical examples of the way the Ecology of Resources framework has been used visit: http://eorframework.pbworks.com.

Information and Society Michael Buckland 2017-03-03 A short, informal account of our ever-increasing dependence on a complex multiplicity of messages, records, documents, and data. We live in an information society, or so we are often told. But what does that mean? This volume in the MIT Press Essential Knowledge series offers a concise, informal account of the ways in which information and society are related and of our ever-increasing dependence on a complex multiplicity of messages, records, documents, and data. Using information in its everyday, nonspecialized sense, Michael Buckland explores the influence of information on what we know, the role of communication and recorded information in our daily lives, and the difficulty (or ease) of finding information. He shows that all this involves human perception, social behavior, changing technologies, and issues of trust. Buckland argues that every society is an "information society"; a "non-information society" would be a contradiction in terms. But the shift from oral and gestural communication to documents, and the wider use of documents facilitated by new technologies, have made our society particularly information intensive. Buckland describes the rising flood of data, documents, and records, outlines the dramatic long-term growth of documents, and traces the rise of techniques to cope with them. He examines the physical manifestation of information as documents, the emergence of data sets, and how documents and data are discovered and used. He explores what individuals and societies do with information; offers a basic summary of how collected documents are arranged and described; considers the nature of naming; explains the uses of metadata; and evaluates selection methods, considering relevance, recall, and precision.

Modelling and Applications in Mathematics Education Peter L. Galbraith 2007-12-05 The book aims at showing the state-of-the-art in the field of modeling and applications in mathematics education. This is the first volume to do this. The book deals with the question of how key competencies of applications and modeling at the heart of mathematical literacy may be developed; with the roles that applications and modeling may play in mathematics teaching, making mathematics more relevant for students.

Digital Media in Teaching and its Added Value David F. Conway 2015 This book project was initiated in fall 2013 at the University of Nebraska at Omaha (UNO), Nebraska during a Global Engagement Research and Teaching Workshop between faculty from UNO and the University of Agder (UiA), Norway. The anthology presents articles that center on the application of digital technologies that add value to the teaching and learning process in a globalized context. The unique focus of the book is the intersection between pedagogy and technology, specifically the innovative use of technology to improve higher education teaching and learning. With the increased mobility of faculty and students, more diversity among our students and faculty, increased cross-disciplinary designs, alternative environments enabled by technology, and greater demand from the millennial generation for increased access and flexibility, it is important to share accounts where technology has made a positive impact on the instructional process. Topics that are discussed are local studies with implications for the global environment and the innovative use of technology to improve higher education teaching and learning. The target audiences for the book are researchers, teachers and stakeholders in learning organizations interested in using IT for teaching and learning.

Democracy in the Age of Globalization and Mediatization H. Kriesi 2013-01-11 This book provides comprehensive coverage of the models of contemporary democracy; its social, cultural, economic and political prerequisites; its empirically existing varieties and its two major challenges - globalization and mediatization. The book also covers the global spread of democracy and its spread into supranational democracies.

Financial Cryptography and Data Security Sarah Meiklejohn 2019-08-29 This book constitutes the thoroughly refereed post-conference proceedings of the 22nd International Conference on Financial Cryptography and Data Security, FC 2018, held in Nieuwport, Curaçao, in February/ March 2018. The 27 revised full papers and 2 short papers were carefully selected and reviewed from 110 submissions. The papers are grouped in the following topical sections: Financial Cryptography and Data Security, Applied Cryptography, Mobile Systems Security and Privacy, Risk Assessment and Management, Social Networks Security and Privacy and much more.

The Birth of the Archive Markus Friedrich 2018-02-26 The dynamic but little-known story of how archives came to shape and be shaped by European culture and society

Seamless Learning in the Age of Mobile Connectivity Lung-Hsiang Wong 2014-11-02 The book departs from the approach of related titles by focusing on describing and reflecting upon the notion of seamless learning with regard to salient characteristics of learner mobility and bridging of learning experiences across learning spaces. It is the first such work that is solely dedicated to research on and the practice of seamless learning, uniquely combining interpretations, visions, and past research on and practices in seamless learning from diversified perspectives. The book also strikes a good balance between theoretical and practical perspectivess, going beyond a collection of reports on specific research projects. Instead of thick descriptions of research processes and findings, readers will find significant insights and food for thought intended to inspire further advances in the research on and practice of seamless learning.

Encyclopedia of Political Communication Lynda Lee Kaid 2007-12-21 The Encyclopedia of Political Communication discusses the major theoretical approaches to the field, including direct and limited effects theories, agenda-setting theories, sociological theories, framing and priming theories, and other past and present conceptualizations. With nearly 600 entries, this resource pays considerable attention to important political messages such as political speeches, televised political advertising, political posters and print advertising, televised political debates, and Internet sites. The audiences for political communications are also central, necessitating concentration on citizen reactions to political messages, how the general public and voters in democratic systems respond to political messages, and the effects of all types of media and message types.

Mobile Learning Norbert Pachler 2009-12-15 As with television and computers before it, today's mobile technology challenges educators to respond and ensure their work is relevant to students. What's changed is that this portable, cross-contextual way of engaging with the world is driving a more proactive approach to learning on the part of young people. The first full-length authored treatment of the relationship between the centrality of technological development in daily life and its potential as a means of education, Mobile Learning charts the rapid emergence of new forms of mass communication and their potential for gathering, shaping, and analyzing information, studying their transformative capability and learning potential in the contexts of school and socio-cultural change. The focus is on mobile/cell phones, PDAs, and to a lesser extent gaming devices and music players, not as "the next new thing" but meaningfully integrated into education, without objectifying the devices or technology itself. And the book fully grounds readers by offering theoretical and conceptual models, an analytical framework for understanding the issues, recommendations for specialized resources, and practical examples of mobile learning in formal as well as informal educational settings, particularly with at-risk students. Among the topics covered: • Core issues in mobile learning • Mobile devices as educational resources • Socioeconomic approaches to mobile learning • Creating situations that promote mobile learning • Ubiquitous mobility and its implications for pedagogy • Bridging the digital divide at the policy level Mobile Learning is a groundbreaking volume, sure to stimulate both discussion and innovation among educational professionals interested in technology in the context of teaching and learning.

Comparing Media Systems Beyond the Western World Daniel C. Hallin 2011-11-28 Comparing Media Systems Beyond the Western World offers a broad exploration of the conceptual foundations for comparative analysis of media and politics globally. It takes as its point of departure the widely used framework of Hallin and Mancini's Comparing Media Systems, exploring how the concepts and methods of their analysis do and do not prove useful when applied beyond the original focus of their 'most similar systems' design and the West European and North American cases it encompassed. It is intended both to use a wider range of cases to interrogate and clarify the conceptual framework of Comparing Media Systems and to propose new models, concepts and approaches that will be useful for dealing with non-Western media systems and with processes of political transition. Comparing Media Systems Beyond the Western World covers, among other cases, Brazil, China, Israel, Lebanon, Lithuania, Poland, Russia, Saudi Arabia, South Africa and Thailand.

Open Educational Practices and Resources Guntram Geser 2007

After Art David Joselit 2013 Art as we know it is dramatically changing, but popular and critical responses lag behind. In this trenchant illustrated essay, David Joselit describes how art and architecture are being transformed in the age of Google. Under the dual pressures of digital technology, which allows images to be reformatted and disseminated effortlessly, and the exponential acceleration of cultural exchange enabled by globalization, artists and architects are emphasizing networks as never before.

Some of the most interesting contemporary work in both fields is now based on visualizing patterns of dissemination after objects and structures are produced, and after they enter into, and even establish, diverse networks. Behaving like human search engines, artists and architects sort, capture, and reformat existing content. Works of art crystallize out of populations of images, and buildings emerge out of the dynamics of the circulation patterns they will house. Examining the work of architectural firms such as OMA, Reiser + Umemoto, and Foreign Office, as well as the art of Matthew Barney, Ai Weiwei, Sherrie Levine, and many others, After Art provides a compelling and original theory of art and architecture in the age of global networks.

The Crisis of Public Communication Jay Blumler 2002-09-11 First published in 1995. Routledge is an imprint of Taylor & Francis, an informa company.

Digital Community, Digital Citizen Jason B. Ohler 2010-08-31 An all-inclusive roadmap to citizenship in the 21st Century Best-selling author, educator, and futurist Jason Ohler challenges all readers to redefine our roles as citizens in today's globally connected infosphere. His text aligns the process of teaching digital citizenship with the ISTE standards definition, and uses an "ideal school board" device to address fears, opportunities, and the critical issues of character education. These issues include: Cyberbullying, "sexting," and other safety concerns Students' ability to creatively access and critically assess information Respect and ethics regarding copyrighted information Communicating appropriately in an expanded and public realm

Making Sense of Word Problems Eric de Corte 2000-01-01 Word problems have been a staple of mathematics instruction for centuries, yet the rationale for their use has remained largely unexamined. A range of findings have shown how students consistently answer them in ways that fail to take account of the reality of the situations described. This monograph reports on studies carried out to investigate this "suspension of sense-making" in answering word problems. In Part One, a wide range of examples documenting the strength of the phenomenon is reviewed. Initial surprise at the findings was replaced by a conviction that the explanation lies in the culture of the mathematics classroom, specifically the rules implicitly governing the nature and interpretation of the word problem genre. This theoretical shift is reflected in Part Two. A detailed analysis of the way in which word problems are currently taught in typical mathematical classrooms is followed by reviews of design experiments illustrating how, by immersing students in a fundamentally changed learning environment, they can acquire what the authors consider to be more appropriate conceptions about, and strategies for doing, word problems. Part Three turns to a wider discussion of theoretical issues, a further analysis of the features of the educational system considered responsible for outcomes detrimental to many students' understanding and conception of mathematics, and suggestions for rethinking the role of word problems within the curriculum.

The Renaissance Computer Jonathan Sawday 2002-09-11 In the fifteenth century the printing press was the 'new technology'. The first ever information revolution began with the advent of the printed book, enabling Renaissance scholars to formulate new ways of organising and disseminating knowledge. As early as 1500 there were already 20 million books in circulation in Europe. How did this rapid explosion of ideas impact upon the evolution of new disciplines? The Renaissance Computer looks at the fascinating development of new methods of information storage and retrieval which took place at the very beginning of print culture. And it asks some crucial questions about the intellectual conditions of our own digital age. A dazzling array of leading experts in Renaissance culture explore topics of urgent significance today, including: * the contribution of knowledge technologies to state formulation and national identity *the effect of multimedia, orality and memory on education *the importance of the

visual display of information and how search engines reflect and direct ways of thinking.

Handbook of Mobile Learning Zane L. Berge 2013-06-19 Winner of the AECT Division of Distance Learning (DDL) Distance Education Book Award! This handbook provides a comprehensive compendium of research in all aspects of mobile learning, one of the most significant ongoing global developments in the entire field of education. Rather than focus on specific technologies, expert authors discuss how best to utilize technology in the service of improving teaching and learning. For more than a decade, researchers and practitioners have been exploring this area of study as the growing popularity of smartphones, tablets, and other such devices, as well as the increasingly sophisticated applications for these devices, has allowed educators to accommodate and support an increasingly mobile society. This handbook provides the first authoritative account of the theory and research that underlies mobile learning, while also exemplifying models of current and future practice.

Mobile Learning John Traxler 2007-04-11 Emphasising the issues of usability, accessibility, evaluation and effectiveness and illustrated by case studies drawn from contemporary projects from around the world, this book considers: the fundamentals of mobile technologies and devices the educational foundations of modern networked learning the issues that underpin mobile learning and make it accessible for all users the challenges of making mobile learning a substantial and sustainable component in colleges, universities and corporations implications and issues for the future. Mobile Learning provides useful, authoritative and comprehensive guidance for professionals in higher and further education and trainers in the business sector who want to find out about the opportunities offered by new technologies to deliver, support and enhance teaching, learning and training.

Usage-Based Perspectives on Second Language Learning Teresa Cadierno 2015-10-16 This edited volume brings together perspectives that find mutual kinship in a view of language as an embodied, semiotic, symbolic tool used for communicative and interactional purposes and an understanding of language use as the preeminent condition for language learning – perspectives that we conjoin under the umbrella term of usage based perspectives.

Focus on Evidence Heiner Böttger 2016-06-13 Dieser Band ist das Ergebnis einer Tagung von renommierten Neurowissenschaftlern und ausgewiesenen Experten für das Lehren und Lernen von Fremdsprachen. Gemeinsam diskutierten sie die Frage: Wie lassen sich neueste neurowissenschaftliche Forschungserkenntnisse auf das Lehren und Lernen von Fremdsprachen anwenden? Ziel war es, gemeinsam neue, auf empirischer Evidenz basierende Wege in Richtung eines effektiveren Fremdsprachenunterrichts zu entdecken. "Focus on Evidence – Fremdsprachendidaktik trifft Neurowissenschaften" nimmt Sie mit auf diese Reise zu Wissensbeständen und zu intensivem Transferdialog zwischen den Disziplinen. Es können alle Vorträge zu Themen wie "Sprache hören und richtig verstehen", "Schreiben und Lesen", "Sprechen mehrerer Sprachen" sowie "Sprachgedächtnis" nachgelesen werden. Zu den Referenten gehören Professor David Poeppel (New York University und Max Planck-Institut Frankfurt am Main), Professor Friedemann Pulvermüller (Freie Universität Berlin), Professorin Rita Franceschini (Freie Universität Bozen), Professorin Steffi Sachse (Pädagogische Hochschule Heidelberg) und Professor Manfred Spitzer (Universitätsklinikum Ulm). Außerdem werden alle an die Vorträge angeschlossenen Transferdialoge zwischen Neurowissenschaften und Fremdsprachendidaktik nachgezeichnet und um weiterführende wissenschaftliche Fachbeiträge ergänzt. Es ergibt sich somit ein umfassender Ideenkatalog dazu, wie neueste neurowissenschaftliche Erkenntnisse effektiv im Fremdsprachenunterricht umgesetzt werden können.

The CBD Diet Dwight Gilbert Jones 2019-07-26 You can easily convert your intestines from being a 'septic

tank' to becoming a filtered 'septic field'. By emphasizing oat fiber content each morning, which creates a protective gel filter instead of the chemical stew that breeds diabetes, then a strategy of fasting weekday afternoons only, he prescribes a simple routine that filters out the pathogens that get overlooked in personal waste management. You benefit from reduced hunger and trouble-free intestinal health, avoiding rectal cancer.

Prayers from the Divine Source Mario Mantese 2019-03-08 These 64 prayers, invocations actually, are infused with potent divine energy. You pray to that which you discover within yourself; to the Heavenly Kingdom, to the spark of that which radiates its supreme brilliance through everything, the Light of all Lights, which glows inside you. Or, as Master Jesus expressed it, you pray to the kingdom of God within you. When these prayers are read and recited in the manner Master M suggests, they act as sublime petitions that prompt deep healing and awakening.

Formulation Processes in Mathematical Modelling Vern Treilibs 1980

Using Grounded Theory In Nursing Rita Sara Schreiber, RN, DNS 2001-06-06 ìThis uniformly fine book extends and intensifies the dialogue about grounded theory and nursing.... well-designed, well-crafted, and accessible.î --Sally A. Hutchinson, PhD, RN, FAAN ì...the torch has been passed to a new generation of grounded theorists.... The editors have assembled chapters by many of the best-known scholars in North America.î --Sandra P. Thomas, PhD, RN, FAAN What is grounded theory? How is it done? When is it most appropriate to use? Grounded theory can be the research method of choice for nurses seeking to find out how people cope with existing or potential health challenges. This book offers broad coverage of method, background, philosophical roots, and new directions for grounded theory in nursing.

Format Matters Marek Jancovic 2020-02-19 From TIFF files to TED talks, from book sizes to blues stations - the term "format" circulates in a staggering array of contexts and applies to entirely dissimilar objects and practices. How can such a pliable notion meaningfully function as an instrument of classification in so many industries and scientific communities? Comprising a wide range of case studies on the standards, practices, and politics of formats from scholars of photography, film, radio, television, and the Internet, Format Matters charts the many ways in which formats shape and are shaped by past and present media cultures. This volume represents the first sustained collaborative effort to advance the emerging field of format studies.

Observing Homosexual and Gender Nonconformity Behaviors Michael Lambertus 2018-12-18 Michael Lambertus examines the influence of perceived homosexual sexual and gender nonconform behaviors on the elicitation of two moral emotions, disgust and contempt, as well as moral judgment of male participants in his study. In doing so, he considers the extent to which these men endorse specific cultural beliefs about masculinity–also referred to as 'masculinity ideology'. The author succeeds in proving an increase in disgust towards perceived homosexual, but not towards heterosexual sexual behavior of a description of a fictional person, the more the participants advocate masculine gender role norms.

Privacy Arena Baumann, Joel 2017-06-23 Privatheit ist in Zeiten von Digitalisierung und Vernetzung umstritten und umkämpft. Nicht nur für Staaten entstehen neue Überwachungsmöglichkeiten, auch für Unternehmen eröffnen sich Geschäftsmodelle, die klassische Vorstellungen von Privatheit in Frage stellen. In dieser Situation der Neuorientierung hilft es, von Definitionsversuchen abzusehen und stattdessen in die vielen Kontroversen um die Zukunft der Privatheit einzutauchen. Diesen Ansatz verfolgt das BMBF-Forschungsprojekt „Kartografie und Analyse der Privacy-Arena". In Zusammenarbeit

der Disziplinen Soziologie, Rechtswissenschaft, Ethik und Visuelle Kommunikation wurden politische Kämpfe um die Bedeutung und den ethischen und rechtlichen Stellenwert von Privatheit wissenschaftlich und künstlerisch aufgearbeitet. Zu den konkret untersuchten Kontroversen gehören die politischen Momente von Technologien wie Kryptografie, die demokratischen Strategien gegenüber staatlicher Überwachung im NSA-Untersuchungsausschuss des Bundestages, die unübersichtlichen Folgen der algorithmischen Realitätserzeugung durch Big Data und die widerstreitenden Interessen hinsichtlich der Einführung einer europäischen Datenschutz-Grundverordnung. Das Vorgehen des Forschungsvorhabens folgt Ansätzen der Science and Technology Studies, der Akteur-Netzwerk-Theorie, den Mapping-Verfahren der Situationsanalyse von Adele Clarke und der Theorie sozialer Welten und Arenen von Anselm Strauss. Ergänzt wurde bzw. wird dieser Band durch eine im Dezember 2016 in Kassel stattgefundene Ausstellung sowie der Homepage privacy-arena.net.

Work-based Mobile Learning Norbert Pachler 2011 The increasing use of mobile devices in work contexts has the potential to alter our work and learning practices. This is particularly true for knowledge workers. In addressing the implications of this transformation the book offers a multi-faceted collection of different concepts and cases of mobile learning in work environments from international contexts. The contributions are centred on the question of how individual users and organisations can harness mobile devices for learning and education. The range of examples presented in this book demonstrates that mobile devices foster situated approaches to learning in and across work contexts. The book is targeted at both practitioners - trainers or managers in charge of in-company training - and researchers, who are interested in designing, implementing or evaluating work-based mobile learning.

Seamless Learning Chee-Kit Looi 2019-01-30 This book introduces readers to the latest state of research and development in seamless learning. It consolidates various approaches to and practices in seamless learning from a range of techno-pedagogical, socio-situated and socio-cultural perspectives. Further, it details our current understanding of learning in both formal and informal settings, crossover learning, incidental learning, and context-based learning approaches, together with these aspects' linkages to the notion of seamlessness. The book is divided into sections addressing the theorization of seamless learning, understanding informal learning, research methodological issues, technology-enabled seamless learning and real-world applications of seamless learning.

Transactions on Petri Nets and Other Models of Concurrency XIII Maciej Koutny 2018-11-20 The 13th volume of ToPNoC contains revised and extended versions of a selection of the best workshop papers presented at the 38th International Conference on Application and Theory of Petri Nets and Concurrency, Petri Nets 2017, and the 17th International Conference on Application of Concurrency to System Design, ACSD 2017. The 9 papers cover a diverse range of topics including model checking and system verification, refinement, and synthesis; foundational work on specific classes of Petri nets; and innovative applications of Petri nets and other models of concurrency. Application areas covered in this volume are: fault-tolerance, service composition, databases, communication protocols, business processes, and distributed systems. Thus, this volume gives a good overview of ongoing research on concurrent systems and Petri nets.

A Psycholinguistic Approach to Technology and Language Learning Ronald Leow 2015-11-13 The use of technology for second language learning is ever more present. This book offers a unique four-prong approach (theoretical, methodological, empirical, and pedagogical) to current and prospective uses of technology in L2 learning from a psycholinguistic perspective. It is accessible to teachers, graduate students, and professors of all disciplines interested in technology and L2 learning.

International Organisation and Dissemination of Knowledge Paul Otlet 1990

The Media and Social Theory David Hesmondhalgh 2008-05-21 Media studies needs richer and livelier intellectual resources. This book brings together major and emerging international media analysts to consider key processes of media change, using a number of critical perspectives. Case studies range from reality television to professional journalism, from blogging to control of copyright, from social networking sites to indigenous media, in Europe, North America, Asia and elsewhere. Among the theoretical approaches and issues addressed are: critical realism post-structuralist approaches to media and culture Pierre Bourdieu and field theory public sphere theory – including post-Habermasian versions actor network theory Marxist and post-Marxist theories, including contemporary critical theory theories of democracy, antagonism and difference. This volume is essential reading for undergraduate and postgraduate students and researchers of cultural studies, media studies and social theory.