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Human-Centered AI Springer Science & Business Media
Connectomic Deep Brain Stimulation (DBS) covers this highly efficacious treatment option for movement disorders such as Parkinson ' s Disease, Essential Tremor and Dystonia. The book examines its impact on distributed brain networks that span across the human brain in parallel with modern-day neuroimaging concepts and the connectomics of the brain. It asks several questions, including which cortical areas should DBS electrodes be connected in order to generate the highest possible clinical improvement? Which connections should be avoided?

Could these connectomic insights be used to better understand the mechanism of action of DBS? How can they be transferred to individual patients, and more. This book is suitable for neuroscientists, neurologists and functional surgeons studying DBS. It provides practical advice on processing strategies and theoretical background, highlighting and reviewing the current state-of-the-art in connectomic surgery. Written to provide a "hands-on" approach for neuroscience graduate students, as well as medical personnel from the fields of neurology and neurosurgery Includes preprocessing strategies (such as co-registration, normalization, lead localization, VTA estimation and fiber-tracking approaches) Presents references (key articles, books and protocols) for additional detailed study Provides data analysis boxes in each chapter to help with data interpretation

Schools and Society Academic Press

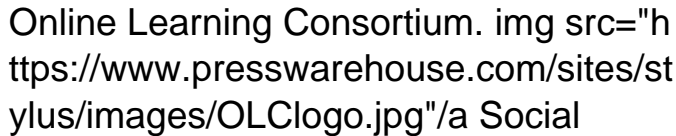
The remarkable progress in algorithms for machine and deep learning have opened the doors to new opportunities, and some dark possibilities. However, a bright future awaits those who build on their working methods by including HCAI strategies of design and testing. As many technology companies and thought leaders have argued, the goal is not to replace people, but to empower them by making design choices that give humans control over technology. In *Human-Centered AI*, Professor Ben Shneiderman offers an optimistic realist's guide to how artificial intelligence can be used to augment and enhance humans' lives. This project bridges the gap between ethical considerations and practical realities to offer a road map for successful, reliable systems. Digital cameras, communications services, and navigation apps are just the beginning. Shneiderman shows how future applications will support health and wellness, improve education, accelerate business, and connect people in reliable, safe, and trustworthy ways that respect human values, rights, justice, and dignity.

Breaking the Mishap Chain BoD - Books on Demand

The Handbook of Dewey ' s Educational Theory and Practice provides a comprehensive, accessible, richly theoretical yet practical guide to the educational theories, ideals, and pragmatic implications of the work of John Dewey, America ' s preeminent philosopher of education.

Lifelong Learning in the Digital Age

Rowman & Littlefield

Published in Association with The Online Learning Consortium.  A Social presence continues to emerge as a key factor for successful online and blended

learning experiences. It is commonly described as the degree to which online participants feel connected to one another. Understanding social presence with its critical connections to community-building, retention, and learning outcomes allows faculty and instructional designers to better support and engage students. This volume, *Social Presence in Online Learning*, addresses the evolution of social presence with three distinct perspectives, outlines the relevant research, and focuses on practical strategies that can immediately impact the teaching and learning experience. These strategies include creating connections to build community, applying content to authentic situations, integrating a careful mix of tools and media, leveraging reflective and interactive opportunities, providing early and continuous feedback, designing with assessment in mind, and encouraging change in small increments. Because student satisfaction and motivation plays a key role in retention rates and because increased social presence often leads to enriched learning experiences, it is advantageous to mindfully integrate social presence into learning environments. *Social Presence in Online Learning* brings together eminent scholars in the field to distinguish among three different perspectives of social presence and to address how these viewpoints immediately inform practice. This important volume:

- Provides an overview of the evolution of social presence, key findings from social presence research, and practical

strategies that can improve the online and blended learning experience • Differentiates three distinct perspectives on social presence and explains the ideas and models that inform these perspectives • Explores specific ways in which social presence relates to course satisfaction, retention, and outcomes • Offers practical implications and ready-to-use techniques that are applicable to multiple disciplines • Introduces current research on social presence by prominent researchers in the field with direct inferences to the practice of online and blended learning • Looks at future directions for social presence

Social Presence in Online Learning is appropriate for practitioners, researchers and academics involved in any level of online learning program design, course design, instruction, support, and leadership as well as for graduate students studying educational technology, technology-enhanced learning, and online and blended learning. It brings together multiple perspectives on social presence from the most influential scholars in the field to help shape the future of online and blended learning.

Murder American Style Stylus Publishing, LLC

Genocide has emerged as one of the leading problems of the twentieth century. No corner of the world seems immune from this form of collective violence. While many individuals are familiar with the term, few people have a clear understanding of what genocide is and how it is carried out. This book clearly discusses the concept of genocide and dispels the widely held misconceptions about how these crimes occur and the mechanisms

necessary for its perpetration. **Genocidal Crimes** differs from much of the writing on the subject in that it explicitly relies upon the criminological literature to explain the nature and functioning of genocide. Criminology, with its focus on various types of criminality and violence, has much to offer in terms of explaining the origins, dynamics, and facilitators of this particular form of collective violence. Through application of a number of criminological theories to various elements of genocide Alex Alvarez presents a comprehensive analysis of this particular crime. These criminological perspectives are underpinned by a variety of psychological, sociological, and political science based insights in order to present a more complete discussion of the nature and functioning of genocide.

Camera Traps in Animal Ecology Bloomsbury Publishing

Concise, comprehensive volume on airborne particulate matter for policy makers and scientists.

Confronting Antisemitism in Modern Media, the Legal and Political Worlds Wadsworth Publishing Company

Hidden in the mountains of East Tennessee, an eleven-year old goes about the business of being a boy during the summer of 1970. Within a balance of terror and innocence, he bears silent witness to ghosts of the dead and the cruelties of a teenage killer while local justice plays out in a community carved from legacies of coal mining and religion.

A Hundred Years of Archaeological Discoveries in Lithuania Walter de Gruyter GmbH & Co KG

What are the most popular names of the Ambo people in Namibia? Why do so many Ambos have Finnish first names? What do the African names of these people mean? Why is the namesake so important in Ambo culture? How did the nation's long struggle for independence affect personal naming, and what are the latest name-giving trends in Namibia? This study analyses the changes in the personal naming system of the Ambo people in Namibia over the past 120 years, starting with 1883,

when the first Ambos received biblical and European names on baptism. The central factors in this process were the German and South African colonisation and European missionary work on the one hand, and the rise of African nationalism on the other. Eventually, this clash between African and European naming practices led to a new, dynamic naming system which includes elements of both African and European origin. "Within the field of onomastics, i.e. the scientific study of names, this study is a remarkable and extremely important one. ... I suspect that it will become a major and standard reference work in the future, not only regarding Ambo anthroponymy, but anthroponymy in general, particularly where cultures interact." Professor S. J. Neethling, University of the Western Cape, South Africa

Evolution Equations Cambridge University Press

Clair wants to be kissed - but not now - and certainly not by her husband. Chris wants to celebrate his new job by driving into the oncoming traffic. Jenny arrives to complain about the screaming children - but the garden's empty, and the key to the playroom's disappeared. Just what strange game is being played here?

Tourism and Degrowth Krishna Publication House

This book gathers high-quality, peer-reviewed research papers presented at the Second International Conference on Computer Science, Engineering and Education Applications (ICCSEEA2019), held in Kiev, Ukraine on 26 – 27 January 2019, and jointly organized by the National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute” and the International Research Association of Modern Education and Computer Science. The papers discuss state-of-the-art topics and advances in computer science; neural networks; pattern recognition; engineering techniques; genetic coding systems; deep learning and its medical applications; and knowledge representation and its applications in education. Given its scope, the book offers an excellent resource for researchers, engineers, management

practitioners, and graduate and undergraduate students interested in computer science and its applications in engineering and education.

Man's Responsibility for Nature SAGE Publications

Every year, the World Bank 's World Development Report (WDR) features a topic of central importance to global development. The 2018 WDR—LEARNING to Realize Education 's Promise—is the first ever devoted entirely to education. And the time is right: education has long been critical to human welfare, but it is even more so in a time of rapid economic and social change. The best way to equip children and youth for the future is to make their learning the center of all efforts to promote education. The 2018 WDR explores four main themes: First, education 's promise: education is a powerful instrument for eradicating poverty and promoting shared prosperity, but fulfilling its potential requires better policies—both within and outside the education system. Second, the need to shine a light on learning: despite gains in access to education, recent learning assessments reveal that many young people around the world, especially those who are poor or marginalized, are leaving school unequipped with even the foundational skills they need for life. At the same time, internationally comparable learning assessments show that skills in many middle-income countries lag far behind what those countries aspire to. And too often these shortcomings are hidden—so as a first step to tackling this learning crisis, it is essential to shine a light on it by assessing student learning better. Third, how to make schools work for all learners: research on areas such as brain science, pedagogical innovations, and school management has identified interventions that promote learning

by ensuring that learners are prepared, teachers are both skilled and motivated, and other inputs support the teacher-learner relationship. Fourth, how to make systems work for learning: achieving learning throughout an education system requires more than just scaling up effective interventions. Countries must also overcome technical and political barriers by deploying salient metrics for mobilizing actors and tracking progress, building coalitions for learning, and taking an adaptive approach to reform.

Faber & Faber Plays

At what point does the sacrifice to our personal information outweigh the public good? If public policymakers had access to our personal and confidential data, they could make more evidence-based, data-informed decisions that could accelerate economic recovery and improve COVID-19 vaccine distribution. However, access to personal data comes at a steep privacy cost for contributors, especially underrepresented groups.

Protecting Your Privacy in a Data-Driven World is a practical, nontechnical guide that explains the importance of balancing these competing needs and calls for careful consideration of how data are collected and disseminated by our government and the private sector. Not addressing these concerns can harm the same communities policymakers are trying to protect through data privacy and confidentiality legislation.

Prolegomena Indiana University Press

Tourism and Degrowth develops a conceptual framework and research agenda for exploring the relationship between tourism and degrowth. Rapid and uneven expansion of tourism as a response to the 2008 economic crisis has proceeded in parallel with the rise of social discontent concerning so-called "overtourism." Meanwhile, despite decades of concerted global effort to achieve sustainable

development, socioecological conflicts and inequality have rarely reversed, but in fact increased in many places. Degrowth, understood as both social theory and social movement, has emerged within the context of this global crisis. However, thus far the vibrant degrowth discussion has yet to engage systematically with the tourism industry in particular, while, by the same token, tourism research has largely neglected explicit discussion of degrowth. This volume brings the two discussions together to interrogate their complementarity. Identifying a growth imperative in the basic structure of the capitalist economy, the contributors contend that mounting critique of overtourism can be understood as a structural response to the ravages of capitalist development more broadly. Debate concerning overtourism thus offers a valuable opportunity to re-politicise discussion of tourism development generally. Exploring of the potential for degrowth to facilitate a truly sustainable tourism, *Tourism and Degrowth* will be of great interest to scholars of tourism, environmental sustainability and development. The chapters were originally published as a special issue of the *Journal of Sustainable Tourism*.

Unstable Ground John Wiley & Sons

New to the third edition: new - regional anaesthesia in ophthalmic surgery new - intravenous regional anaesthesia new - percutaneous epidural neuroplasty a new block for the trigeminal nerve extended coverage of the brachial plexus block and infraclavicular block new - therapy for tennis elbow and for carpal tunnel syndrome new - intra-ganglion injection therapy for muscular piriform syndrome new - latest developments in neuroaxial blockade 40% bigger than the last edition Regional nerve blocks are important procedures in anaesthesia and pain therapy that can be employed rapidly and safely by a skilled practitioner. The book contains precise anatomical drawings and illustrations in full-colour throughout, and also provides detailed instructions on how to apply local anaesthesia. Practically oriented, the book could almost be taken to the

operating room and used as a guide. It covers anatomy, indications, contraindications, dosages, explanations of individual drugs, as well as complications, caveats, and potential adverse side effects, and how to avoid them or treat them. Each procedure is explained step-by-step using numerous full-colour illustrations and photographs. Every block has a photograph showing the entry site accompanied by an anatomical diagram showing the needle track. For each procedure, a specific form (record and checklist) is provided for recording the individual treatment steps. The author presents both familiar and new therapeutic techniques for both the treatment of pain and regional nerve blocks during surgery. In addition, the most recent local anaesthetics and additives are discussed, with particular reference to the relevant indications and dosages. Visit http://www.abw-verlag.com/titel_details.php?42 for information about this book in German.

Regional Nerve Blocks And Infiltration Therapy
Springer Science & Business Media

This volume documents the transformation of age-old antisemitic stereotypes into a new form of discrimination, often called "New Antisemitism" or "Antisemitism 2.0." Manifestations of antisemitism in political, legal, media and other contexts are reflected on theoretically and contemporary developments are analyzed with a special focus on online hatred. The volume points to the need for a globally coordinated approach on the political and legal levels, as well as with regard to the modern media, to effectively combat modern antisemitism.

Genocidal Crimes Rowman & Littlefield

Unstable Ground looks at the human impact of climate change and its potential to provoke some of the most troubling crimes against humanity—ethnic conflict, war, and genocide.

Alex Alvarez provides an essential overview of what science has shown to be true about climate change and examines how our warming world

will challenge and stress societies and heighten the risk of mass violence. Drawing on a number of recent and historic examples, including Darfur, Syria, and the current migration crisis, this book illustrates the thorny intersections of climate change and violence. The author doesn't claim causation but makes a compelling case that changing environmental circumstances can be a critical factor in facilitating violent conflict. As research suggests climate change will continue and accelerate, understanding how it might contribute to violence is essential in understanding how to prevent it.

Disability and Social Media Academic Press
Did Native Americans suffer genocide? This controversial question lies at the heart of Native America and the Question of Genocide. After reviewing the various meanings of the word "genocide," author Alex Alvarez examines a range of well-known examples, such as the Sand Creek Massacre and the Long Walk of the Navajo, to determine where genocide occurred and where it did not. The book explores the destructive beliefs of the European settlers and then looks at topics including disease, war, and education through the lens of genocide. Native America and the Question of Genocide shows the diversity of Native American experiences postcontact and illustrates how tribes relied on ever-evolving and changing strategies of confrontation and accommodation, depending on their location, the time period, and individuals involved, and how these often resulted in very different experiences. Alvarez treats this difficult subject with sensitivity and uncovers the complex realities of this troubling period in American history.

INNOVATIONS IN DIGITAL LEARNING
Prabhat Prakashan

The Prolegomena provide an introduction to the Basler Iliad commentary. The volume includes essays on the history of Iliad commentaries and the text, formulaic language and the oral tradition, grammar, meter, characters, plot and chronological

structure, narrative technique, and developments in Homeric criticism, as well as an Index of Mycenaean words with brief explanations.

Abstracts of Bulgarian Scientific Literature John Wiley & Sons

Social media is popularly seen as an important media for people with disability in terms of communication, exchange and activism. These sites potentially increase both employment and leisure opportunities for one of the most traditionally isolated groups in society. However, the offline inaccessible environment has, to a certain degree, been replicated online and particularly in social networking sites. Social media is becoming an increasingly important part of our lives yet the impact on people with disabilities has gone largely unscrutinised. Similarly, while social media and disability are often both observed through a focus on the Western, developed and English-speaking world, different global perspectives are often overlooked. This collection explores the opportunities and challenges social media represents for the social inclusion of people with disabilities from a variety of different global perspectives that include Africa, Arabia and Asia along with European, American and Australasian perspectives and experiences.

Presidents Above Parties? Springer Science & Business Media

Hypertext/hypermedia systems and user-model-based adaptive systems in the areas of learning and information retrieval have for a long time been considered as two mutually exclusive approaches to information access. Adaptive systems tailor information to the user and may guide the user in the information space to present the most relevant material, taking into account a model of the user's goals, interests and preferences. Hypermedia systems, on the other hand, are 'user neutral': they provide the user with the tools and the freedom to explore an information space by browsing through a complex network of information nodes. Adaptive hypertext and hypermedia systems attempt to bridge the gap between these two approaches. Adaptation of

hypermedia systems to each individual user is increasingly needed. With the growing size, complexity and heterogeneity of current hypermedia systems, such as the World Wide Web, it becomes virtually impossible to impose guidelines on authors concerning the overall organization of hypermedia information. The networks therefore become so complex and unstructured that the existing navigational tools are no longer powerful enough to provide orientation on where to search for the needed information. It is also not possible to identify appropriate pre-defined paths or subnets for users with certain goals and knowledge backgrounds since the user community of hypermedia systems is usually quite inhomogeneous. This is particularly true for Web-based applications which are expected to be used by a much greater variety of users than any earlier standalone application. A possible remedy for the negative effects of the traditional 'one-size-fits-all' approach in the development of hypermedia systems is to equip them with the ability to adapt to the needs of their individual users. A possible way of achieving adaptivity is by modeling the users and tailoring the system's interactions to their goals, tasks and interests. In this sense, the notion of adaptive hypertext/hypermedia comes naturally to denote a hypertext or hypermedia system which reflects some features of the user and/or characteristics of his system usage in a user model, and utilizes this model in order to adapt various behavioral aspects of the system to the user. This book is the first comprehensive publication on adaptive hypertext and hypermedia. It is oriented towards researchers and practitioners in the fields of hypertext and hypermedia, information systems, and personalized systems. It is also an important resource for the numerous developers of Web-based applications. The design decisions, adaptation methods, and experience presented in this book are a unique source of ideas and techniques for developing more usable and more intelligent Web-based systems suitable for a great variety of users. The practitioners will find it important that many of the adaptation techniques presented in this book have proved to be efficient and are ready to be used in various applications.