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KEY=USER - CROSS CAMERON

Future Sounds

The Temporality of Noise

Bloomsbury Publishing USA What can the sounds of today tell us about the future? Can an analysis of sound and sonic practices allow us to make reliable predictions in relation to wider social phenomena? And what might they tell us about technology in a world where futurology is such a frenzied and busy field? In order to answer these questions, this book tests a range of propositions that connect noise, sound and music to political, economic and technological events. Hence it is a book about historical trajectories and conflicting ideas about time and the necessity to re-contextualize and interpret them in the digital age.

Global Rhythm

Billboard

In its 114th year, Billboard remains the world's premier weekly music publication and a diverse digital, events, brand, content and data licensing platform. Billboard publishes the most trusted charts and offers unrivaled reporting about the latest music, video, gaming, media, digital and mobile entertainment issues and trends.

Encyclopedia of Icelandic Music

PediaPress

Billboard

In its 114th year, Billboard remains the world's premier weekly music publication and a diverse digital, events, brand, content and data licensing platform. Billboard publishes the most trusted charts and offers unrivaled reporting about the latest music, video, gaming, media, digital and mobile entertainment issues and trends.

Neural

Mojo

El expediente McCarthy

Megustaescribir Unas muertes en seres humanos in vitro son investigadas por Jonathan y Amanda, médicos de WHH de Chicago. Un avance científico con un final inesperado... Hay sorpresas que hacen temblar a la humanidad... Chicago,

año 2028. El Dr. Jonathan Smith, médico especialista en medicina perinatal y embarazos de alto riesgo en el Women´s Healthcare Hospital, y la Dra. Amanda Roth, alumna y colaboradora del Dr. Smith, prometedora científica, investigan unas extrañas muertes en la UCI del centro hospitalario. Jonathan, siempre sospechó que las gestaciones por fecundación in vitro eran especiales. Ambos descubren una trama política, científica y económica que silenció a todos los críticos de las técnicas de reproducción asistida. Su compañero en el centro, el Dr. Jim McCarthy, ginecólogo especializado en fecundación in vitro desde los inicios de la técnica y pionero de esta en los EEUU, se ve involucrado en el origen de estas muertes. La trama se resolverá hasta sus más íntimas consecuencias creando una de las mayores alarmas mundiales que se recordarán.

Les inrockuptibles

Nuclear Science Abstracts

Teatrul azi

De:bug

Theater der Zeit

History of Nordic Computing 2

Second IFIP WG 9.7 Conference, HiNC 2, Turku, Finland, August 21-23, 2007, Revised Selected Papers

Springer Science & Business Media The First Conference on the History of Nordic Computing (HiNC1) was organized in Trondheim, in June 2003. The HiNC1 event focused on the early years of computing, that is the years from the 1940s through the 1960s, although it formally extended to year 1985. In the preface of the proceedings of HiNC1, Janis Bubenko, Jr. , John Impagliazzo, and Arne Sølvberg describe well the peculiarities of early Nordic c- puting [1]. While developing hardware was a necessity for the first professionals, quite soon the computer became an industrial product. Computer scientists, among others, grew increasingly interested in programming and application software. P-gress in these areas from the 1960s to the 1980s was experienced as astonishing. The developments during these decades were taken as the focus of HiNC2. During those decades computers arrived to every branch of large and medium-sized businesses and the users of the computer systems were no longer only computer s- cialists but also people with other main duties. Compared to the early years of comp- ing before 1960, where the number of computer projects and applications was small, capturing a holistic view of the history between the 1960s and the 1980s is conside- bly more difficult. The HiNC2 conference attempted to help in this endeavor.

Electronic and Experimental Music

Technology, Music, and Culture

Routledge Electronic and Experimental Music: Technology, Music, and Culture provides a comprehensive history of electronic music, covering key composers, genres, and techniques used in analog and digital synthesis. This textbook has been extensively revised with the needs of students and instructors in mind. The reader-friendly style, logical organization, and pedagogical features of the fifth edition allow easy access to key ideas, milestones, and concepts. New to this edition: • A companion website, featuring key examples of electronic music, both historical and contemporary. • Listening Guides providing a moment-by-moment annotated exploration of key works of electronic

music. • A new chapter—Contemporary Practices in Composing Electronic Music. • Updated presentation of classic electronic music in the United Kingdom, Italy, Latin America, and Asia, covering the history of electronic music globally. • An expanded discussion of early experiments with jazz and electronic music, and the roots of electronic rock. • Additional accounts of the vastly under-reported contributions of women composers in the field. • More photos, scores, and illustrations throughout. The companion website features a number of student and instructor resources, such as additional Listening Guides, links to streaming audio examples and online video resources, PowerPoint slides, and interactive quizzes.

Varmints

Candlewick Press When tall buildings and loud noise drown out the sounds of bees in the grass and birds in the sky, one soul cares enough to start over again and help nature thrive.

IBM's Early Computers

Mit Press The challenges faced by IBM's research and development laboratories, the technological paths they chose, and how these choices affected the company and the computer industry.

Building IBM

Shaping an Industry and Its Technology

MIT Press No company of the twentieth century achieved greater success and engendered more admiration, respect, envy, fear, and hatred than IBM. Building IBM tells the story of that company—how it was formed, how it grew, and how it shaped and dominated the information processing industry. Emerson Pugh presents substantial new material about the company in the period before 1945 as well as a new interpretation of the postwar era.Granted unrestricted access to IBM's archival records and with no constraints on the way he chose to treat the information they contained, Pugh dispels many widely held myths about IBM and its leaders and provides new insights on the origins and development of the computer industry.Pugh begins the story with Herman Hollerith's invention of punched-card

machines used for tabulating the U.S. Census of 1890, showing how Hollerith's inventions and the business he established provided the primary basis for IBM. He tells why Hollerith merged his company in 1911 with two other companies to create the Computing-Tabulating-Recording Company, which changed its name in 1924 to International Business Machines. Thomas J. Watson, who was hired in 1914 to manage the merged companies, exhibited remarkable technological insight and leadership—in addition to his widely heralded salesmanship—to build Hollerith's business into a virtual monopoly of the rapidly growing punched-card equipment business. The fascinating inside story of the transfer of authority from the senior Watson to his older son, Thomas J. Watson Jr., and the company's rapid domination of the computer industry occupy the latter half of the book. In two final chapters, Pugh examines conditions and events of the 1970s and 1980s and identifies the underlying causes of the severe probems IBM experienced in the 1990s.

History of Wireless

John Wiley & Sons Important new insights into how various components and systemsevolved Premised on the idea that one cannot know a science withoutknowing its history, History of Wireless offers a lively newtreatment that introduces previously unacknowledged pioneers anddevelopments, setting a new standard for understanding theevolution of this important technology. Starting with the background-magnetism, electricity, light, andMaxwell's Electromagnetic Theory-this book offers new insights intothe initial theory and experimental exploration of wireless. Inaddition to the well-known contributions of Maxwell, Hertz, andMarconi, it examines work done by Heaviside, Tesla, and passionateamateurs such as the Kentucky melon farmer Nathan Stubblefield andthe unsung hero Antonio Meucci. Looking at the story frommathematical, physics, technical, and other perspectives, theclearly written text describes the development of wireless within avivid scientific milieu. History of Wireless also goes into other key areas,including: The work of J. C. Bose and J. A. Fleming German, Japanese, and Soviet contributions to physics andapplications of electromagnetic oscillations and waves Wireless telegraphic and telephonic development and attempts toachieve transatlantic wireless communications Wireless telegraphy in South Africa in the early twentiethcentury Antenna development in Japan: past and present Soviet quasi-optics at near-mm and sub-mm wavelengths The evolution of electromagnetic waveguides The history of phased array antennas Augmenting the typical, Marconi-centered approach, History ofWireless fills in the conventionally accepted story withattention to more specific, less-known discoveries and individuals,and challenges traditional assumptions about the origins and growthof wireless. This

allows for a more comprehensive understanding ofhow various components and systems evolved. Written in a clear tonewith a broad scientific audience in mind, this exciting andthorough treatment is sure to become a classic in the field.

History of Nordic Computing

IFIP WG9.7 First Working Conference on the History of Nordic Computing (HiNC1), June 16-18, 2003, Trondheim, Norway

Springer Computing in the Nordic countries started in late 1940s mainly as an engineering activity to build computing devices to perform mathematical calculations and assist mathematicians and engineers in scientific problem solving. The early computers of the Nordic countries emerged during the 1950s and had names like BARK, BESK, DASK, SMIL, SARA, ESKO, and NUSSE. Each of them became a nucleus in institutes and centres for mathematical computations programmed and used by highly qualified professionals. However, one should not forget the punched-card machine technology at this time that had existed for several decades. In addition, we have a Nordic name, namely Frederik Rosing Bull, contributing to the fundaments of punched card technology and forming the French company Bull. Commercial products such as FACIT EDB and SAAB D20-series computers in Sweden, the Danish GIER computer, the Nokia MIKKO computer in Finland, as well as the computers of Norsk Data in Norway followed the early computers. In many cases, however, companies and institutions did not further develop or exploit Nordic computing hardware, even though it exhibited technical advantages. Consequently, in the 1970s, US computers, primarily from IBM, flooded the Nordic market.

Nutrition and Allergic Diseases

Nutrition and Allergic Diseases.

Plant Electrophysiology

Theory and Methods

Springer Science & Business Media This book compiles new findings in plant electrophysiology from the work of internationally renowned experts in the fields of electrophysiology, bio-electrochemistry, biophysics, signal transduction, phloem transport, tropisms, ion channels, plant electrochemistry, and membrane transport. Opening with a historical introduction, the book reviews methods in plant electrophysiology, introducing such topics as measuring membrane potentials and ion fluxes, path-clamp technique, and electrochemical sensors. The coverage includes experimental results and their theoretical interpretation.

The Past, Present and Future of International Business and Management

Emerald Group Publishing A volume that concentrates on the substantive gaps in the IB/IM field and addresses whether these gaps are resolvable with the theoretical and methodological toolkit.

The Mayor of Lexington Avenue

Macmillan Jack Tobin is a trial lawyer with a searing-hot reputation in Miami, but, when a young Florida man is railroaded into a murder conviction in the tiny Florida backwater of Bass Creek, Tobin is driven to pay back a debt to his best friend, the boy who once dubbed him "The Mayor of Lexington Avenue." A first novel. Reprint.

New Perspectives in Game Studies

Proceedings of the Central and Eastern European Game Studies Conference Brno 2014

Masarykova univerzita Sborník shrnuje příspěvky z první výroční konference Central and Eastern European Game Studies, konané v Brně ve dnech 10.–11. října 2014. Příspěvky zaměřené na výzkum digitálních her zahrnují témata od historie k teorii, od empirických studií k aplikovanému výzkumu. Značná část příspěvků se váže k regionu střední a východní Evropy.

London Under

The Secret History Beneath the Streets

Anchor In this vividly descriptive short study, Peter Ackroyd tunnels down through the geological layers of London, meeting the creatures that dwell in darkness and excavating the lore and mythology beneath the surface. There is a Bronze Age trackway below the Isle of Dogs, Anglo-Saxon graves rest under St. Pauls, and the monastery of Whitefriars lies beneath Fleet Street. To go under London is to penetrate history, and Ackroyd's book is filled with the stories unique to this underworld: the hydraulic device used to lower bodies into the catacombs in Kensal Green cemetery; the door in the plinth of the statue of Boadicea on Westminster Bridge that leads to a huge tunnel packed with cables for gas, water, and telephone; the sulphurous fumes on the Underground's Metropolitan Line. Highly imaginative and delightfully entertaining, London Under is Ackroyd at his best.

Drug Discovery and Evaluation

Pharmacological Assays

Springer Science & Business Media This reference book contains a comprehensive selection of the most frequently used assays for reliably detecting pharmacological effects of potential drugs, including tests for cardiovascular, analgesic, psychotropic, metabolic, endocrine, respiratory, renal, and immunomodulatory activities. Each of the over 700 assays comprises a detailed protocol with the purpose and rationale of the method, a description of the experimental procedure, a critical assessment of the results and their pharmacological and clinical relevance, and pertinent references. Identification of specific tests is facilitated by the enclosed CD-ROM which allows for a quick and full text research. An appendix with guidelines and legal regulations for animal experiments in various countries will help to plan these experiments properly in accordance with the welfare of laboratory animals.

Selected Areas in Cryptography

15th Annual International Workshop, SAC 2008, Sackville, New Brunswick, Canada, August 14-15, 2008

Springer This volume constitutes the selected papers of the 15th Annual International Workshop on Selected Areas in Cryptography, SAC 2008, held in Sackeville, New Brunswick, Canada, in August 14-15, 2008. From a total of 99 technical papers, 27 papers were accepted for presentation at the workshop. They cover the following topics: elliptic and hyperelliptic arithmetic, block ciphers, hash functions, mathematical aspects of applied cryptography, stream ciphers cryptanalysis, cryptography with algebraic curves, curve-based primitives in hardware.

Sustainable Supply Chains

A Research-Based Textbook on Operations and Strategy

Springer This book is primarily intended to serve as a research-based textbook on sustainable supply chains for graduate programs in Business, Management, Industrial Engineering, and Industrial Ecology, but it should also be of interest for researchers in the broader sustainable supply chain space, whether from the operations management and industrial engineering side or more from the industrial ecology and life-cycle assessment side. Finding efficient solutions towards a more sustainable supply chain is increasingly important for managers, but clearly this raise difficult questions, often without clear answers. This book aims to provide insights into these kinds of questions for students and practitioners, based on the latest academic research.

Information Systems Development for Emerging Public Sector Cross-sector Collaborations

The Case of Swedish Emergency Response

Linköping University Electronic Press Information systems (IS) seem prevalent in modern societies and have resulted in the rapid digitalisation of different societal sectors. One application domain of IS is emergency response, which is responsible for delivering essential services to save lives and minimise environmental damage in both small , frequent and large-scale emergencies. Specific IS applications are in turn used in emergency response to support such aspects as decision-making, communication, information sharing and the dispatching of resources. Public-sector cut-backs and a lack of professional resources have affected emergency response at the same time as natural disasters (e.g. forest fires, tsunamis, storms, terror attacks, and wars in the Middle East leading to mass migration) have intensified in recent decades. At the same time, frequent, small-scale accidents continue to occur on a regular basis, both in urban

and sparsely populated areas. As a result, emergency response actors, first responders, are often placed under severe pressure. An emerging trend in response to these challenges, both in Sweden and internationally, is to create cross-sector forms of collaboration, by combining alternative resources from various sectors. Such collaborations are relatively new and involve heterogeneous stakeholders. Therefore, the thesis objective is to explore IS-related opportunities, challenges and needs aimed at supporting heterogeneous actors in emerging cross-sector collaborations in emergency response in order to enable and facilitate future related IS development. To achieve this, a user-centred approach was applied. A baseline study was performed followed by three case studies on 'co-location of actors', 'co-operative use of resources' and 'semi-professionals as first responders' by performing interviews, focus groups, participant observation, Future Workshops, an exercise and an after-action review. The thesis is based on case study research and qualitative research methods. Sociotechnical systems theory, the sociotechnical ensemble view, and network governance were used as the analytical framework. As part of achieving the thesis objectives, experiences from applying user participation in the context of cross-sector collaboration are also presented as part of the results. A context-specific framework developed to systematise and explore various important aspects of cross-sector collaboration in emergency response is also described. The results of this thesis indicate that the needs for IS in cross-sector collaborations vary from simple smartphone applications to manage alarms, positioning and the dispatching of new resources, to more sophisticated tools for sharing and viewing incident data. The results also indicate that these collaborations have the potential (e.g. resource redundancy, pooled competencies to increase total capacity) to improve Swedish emergency response if supported by adequate IS/IT support. The major challenges are organisational, economic and juridical and the most prominent are ambiguities in actors' tasks and responsibilities, and how to prioritise between ordinary work and 'new' first-response tasks. They must be addressed to enable certain IS-functions, e.g. information sharing and positioning of resources The results also highlight several institutional factors (e.g. mutual interest between members, collective problem-solving, secrecy aspects) which are believed to play a key role in the success or failure of the collaborations and which must be adressed in the development of IS-support. The actors also have substantial basic needs for training (e.g. fire extinguishing, first aid) and emergency supplies (e.g. fire extinguishers, healthcare kits). Applying user participation also faced challenges, the major one being the development of a future cross-sector collaboration in a context that does not yet exist, and involving stakeholders from resource-strained organisations in doing so. The stakeholders, and sometimes also the primary end-users, are partly unknown and tasks are undefined. As a response to these challenges, a combination of activities based on multiple design groups, scenario-based Future Workshops, focus groups, the context-specific framework, a practical

exercise and an after-action-review was provided. The framework, which was used to support data collection and user participation, includes 15 dimensions each intended to represent important aspects of cross-sector collaboration. The thesis major contributions are the identified opportunities, challenges and need as a 'sociotechnical ensemble' and generated and from several studies, thus being comparable. The thesis more theoretical contributions is the combined application of the sociotechnical ensemble view and network governance where the studied collaboration forms are characterised as a hybrid form of networks and more traditional government mechanisms and where it is pointed out that network governance lacks explicit IS/IT aspects. In a wider perspective, the research fields of IS and political science may cross-fertilise each other when studying emerging cross-sector collaboration in the public sector. Identified user participation challenges relevant to the cross-sector collaboration context, suggestions on how they can be handled and the context-specific framework are contributions that can be used in practical user-centred IS development in similar contexts. Informationssystem (IS) används idag i de flesta verksamheter inom respons och räddningsområdet t.ex. för beslutsstöd, kommunikation, informationsutbyte och resurspositionering. Fel i systemen kan bidra till misslyckad samverkan vid räddningsinsatser som i sin tur kan riskera människors liv och orsaka skador på miljö och infrastruktur vid såväl små, frekventa olyckor som storskaliga händelser, kriser och katastrofer. Budgetnedskärningar, brist på professionella resurser, naturkatastrofer (t.ex. skogsbränder, stormar) och terrorattacker är några exempel på utmaningar som har intensifierats under de senaste decennierna. Samtidigt fortsätter frekventa, småskaliga olyckor att inträffa, både i urbana och i glesbygdsområden. Därför är responsaktörerna ofta under hård press. Ett sätt att hantera utmaningarna, både i Sverige och internationellt, är tvärsektoriella samverkansformer som i sin tur involverar ofta heterogena samhällsresurser. Samarbetskontexten är förhållandevis ny och de involverade aktörerna och deras behov delvis okända. Avhandlingen syftar därför till att utforska IS-relaterade möjligheter, utmaningar och behov för att stödja heterogena aktörer inom nya tvärsektoriella framväxande samverkansformer i svensk respons och räddning. För att utforska detta användes en användarcentrerad ansats. Därför genomfördes en bakgrundsstudie och tre fallstudier på 'samlokalisering av aktörer', 'sambruk av resurser' och 'semi-professionella som förstainsatspersoner' genom att utföra intervjuer, fokusgrupper, deltagande observation, Future Workshops, och en övning med följande After-Action-Review. Avhandlingen bygger därmed på fallstudieforskning och kvalitativa forskningsmetoder. 'Socioteknisk systemteori', begreppet 'socioteknisk ensemble' och 'network governance' teori används som forskningens analytiska ramverk. Som ett led i att uppfylla syftet presenteras dessutom erfarenheter från användarmedverkan i kontexten tvärsektoriell samverkan som ett delresultat samt ett kontext-specifikt ramverk utvecklat för att systematisera och utforska olika viktiga aspekter av tvärsektoriell

samverkan i respons- och räddningsverksamhet. Avhandlingens resultat visar att behoven av IS i tvärsektoriella samverkansformer varierar från enkla smartphoneapplikationer för larmhantering, positionering och utryckning av nya resurser, till mer sofistikerade verktyg för informationsdelning och gemensamma lägesbilder. Resultaten pekar också mot att med rätt IS stöd har samverkansformerna potential (t.ex. i form av resursredundans, gemensam pool för ökad kapacitet) för att förbättra svensk räddningsverksamhet. De stora utmaningarna är organisatoriska, ekonomiska och juridiska. De mest framträdande är otydligheter i aktörernas uppgifter, roll och ansvar, och hur man prioriterar mellan sitt befintliga arbete och "nya" förstainsatser. Utmaningarna måste lösas för att möjliggöra IS-funktioner, till exempel vid informationsdelning och resurspositionering. Resultaten belyser också explicit flera institutionella faktorer (t.ex. gemensamt intresse och mål, kollektiv problemlösning, sekretesshantering) som tros ha en nyckelroll i samverkansformernas realisering och som måste hanteras i utveckling av relaterat IS-stöd. Aktörerna har också grundläggande behov av träning (t.ex. brandsläckning, första hjälpen) och utrusning (t.ex. brandsläckare, sjukvårdskit). Tillämpningen av användarmedverkan visade också på utmaningar, varav den främsta var att utveckla framtida tvärsektoriell samverkan i ett sammanhang som ännu inte existerar och att involvera intressenter från organisationer med ansträngda resurser för att genomföra detta. Intressenterna, ibland även de primära slutanvändarna, är delvis okända och uppgifterna är odefinierade. Som ett sätt att hantera utmaningarna genomfördes en kombination av aktiviteter som baserades på multipla designgrupper, scenariobaserade Future Workshops, fokusgrupper, ett kontextspecifikt ramverk, en övning och en After-Action-Review samt det kontext-specifika ramverket. Ramverket som användes för att stödja datainsamling och användarmedverkan innehåller 15 dimensioner som är tänkta att representera viktiga aspekter av tvärsektoriella samverkansformer. Avhandlingens främsta bidrag är de identifierade möjligheterna, utmaningarna och behoven som en 'social ensemble' och som genererade och jämförbara ur flera studier. Avhandlingens mer teoretiska bidrag är den kombinerade tillämpningen av 'sociotechnical ensemble' och 'network governance' där de studerade samverkansformerna lyfts fram som en blandform av nätverk och mer traditionella styrmekanismer och där det påpekas att network governance saknar explicita IS/IT delar. I ett större sammanhang kan forskningsfälten IS och statsvetenskap kan komplettera varandra vid studier av framväxande tvärsektoriell samverkan i offentlig sektor. Relevanta utmaningar vid användarmedverkan i kontexten, förslag på hur de kan hanteras och det kontext-specifika ramverket är bidrag som kan används i praktisk användarcentrerad IS-utveckling i liknande sammanhang.

Machine Learning and Knowledge Discovery in Databases

International Workshops of ECML PKDD 2019, Würzburg, Germany, September 16–20, 2019, Proceedings, Part II

Springer Nature This two-volume set constitutes the refereed proceedings of the workshops which complemented the 19th Joint European Conference on Machine Learning and Knowledge Discovery in Databases, ECML PKDD, held in Würzburg, Germany, in September 2019. The 70 full papers and 46 short papers presented in the two-volume set were carefully reviewed and selected from 200 submissions. The two volumes (CCIS 1167 and CCIS 1168) present the papers that have been accepted for the following workshops: Workshop on Automating Data Science, ADS 2019; Workshop on Advances in Interpretable Machine Learning and Artificial Intelligence and eXplainable Knowledge Discovery in Data Mining, AIMLAI-XKDD 2019; Workshop on Decentralized Machine Learning at the Edge, DMLE 2019; Workshop on Advances in Managing and Mining Large Evolving Graphs, LEG 2019; Workshop on Data and Machine Learning Advances with Multiple Views; Workshop on New Trends in Representation Learning with Knowledge Graphs; Workshop on Data Science for Social Good, SoGood 2019; Workshop on Knowledge Discovery and User Modelling for Smart Cities, UMCIT 2019; Workshop on Data Integration and Applications Workshop, DINA 2019; Workshop on Machine Learning for Cybersecurity, MLCS 2019; Workshop on Sports Analytics: Machine Learning and Data Mining for Sports Analytics, MLSA 2019; Workshop on Categorising Different Types of Online Harassment Languages in Social Media; Workshop on IoT Stream for Data Driven Predictive Maintenance, IoTStream 2019; Workshop on Machine Learning and Music, MML 2019; Workshop on Large-Scale Biomedical Semantic Indexing and Question Answering, BioASQ 2019.

Plant Invasions in Protected Areas

Patterns, Problems and Challenges

Springer Science & Business Media This book is the first comprehensive global review of all aspects of alien plant invasions in protected areas. It provides insights into advances in invasion ecology emanating from work in protected areas, and the link to locally relevant management support for protected areas. The book provides in-depth case studies, illuminating interesting and insightful knowledge that can be shared across the global protected area network. The book includes the collective understanding of 80 ecologists and managers to extract as much information as possible that will support the long-term management of protected areas, and the biodiversity and associated ecosystem services they maintain. "This outstanding volume draws together pretty much all that can be said on this topic, ranging from the science, through policy, to practical action". Dr. Simon N. Stuart, IUCN Species Survival Commission, UK. "This important and timely volume addresses two of the most serious problems affecting biodiversity conservation today: assessing the extent to which protected areas are impacted by biological invasions and the complex problems of managing these impacts. Written by leading specialists, it provides a comprehensive overview of the issues and gives detailed examples drawn from protected areas across the world". Professor Vernon H. Heywood, School of Biological Sciences, University of Reading, UK

Computer-assisted Research in the Humanities

A Directory of Scholars Active

Pergamon Computer-Assisted Research in the Humanities describes various computer-assisted research in the humanities and related social sciences. It is a compendium of data collected between November 1966 and May 1972 and published in Computer and the Humanities.

Fundamentals of Nanotechnology

CRC Press WINNER 2009 CHOICE AWARD OUTSTANDING ACADEMIC TITLE! Nanotechnology is no longer a subdiscipline of chemistry, engineering, or any other field. It represents the convergence of many fields, and therefore demands a new paradigm for teaching. This textbook is for the next generation of nanotechnologists. It surveys the field's broad landscape, exploring the physical basics such as nanorheology, nanofluidics, and nanomechanics as well as industrial concerns such as manufacturing, reliability, and safety. The authors then explore the vast range of nanomaterials and systematically outline devices and applications in various industrial sectors. This color text is an ideal companion to Introduction to Nanoscience by the same group of esteemed authors. Both titles are also available as the single volume Introduction to Nanoscience and Nanotechnology Qualifying instructors who purchase either of these volumes (or the combined set) are given online access to a wealth of instructional materials. These include detailed lecture notes, review summaries, slides, exercises, and more. The authors provide enough material for both one- and two-semester courses.

Microbes

Concepts and Applications

John Wiley & Sons An accessible introduction to the world of microbes—frombasic microbe biology through industrial applications Microbes affect our lives in a variety of ways—playing animportant role in our health, food, agriculture, and environment.While some microbes are beneficial, others are pathogenic oropportunistic. Microbes: Concepts and Applications describes basicmicrobe biology and identification and shows not only how theyoperate in the subfields of medicine, biotechnology, environmentalscience, bioengineering, agriculture, and food science, but howthey can be harnessed as a resource. It provides readers with asolid grasp of etiologic agents, pathogenic processes,epidemiology, and the role of microbes as therapeutic agents. Placing a major emphasis on omics technology, the book coversrecent developments in the arena of microbes and discusses theirrole in industry and agriculture, as well as in related fields suchas immunology, cell biology, and molecular biology. It offerscomplete discussions of the major bacterial, viral,

fungal, andparasitic pathogens; includes information on emerging infectiousdiseases, antibiotic resistance, and bioterrorism; and talks aboutthe future challenges in microbiology. The most complete treatment of microbial biology available,Microbes features eye-opening chapters on: Human and Microbial World Gene Technology: Application and Techniques Molecular Diagnostic and Medical Microbiology Identification and Classification of Microbes Diversity of Microorganisms Microbes in Agriculture Microbes as a Tool for Industry and Research Complete with charts and figures, this book is an invaluabletextbook for university teachers, students, researchers, and peopleeverywhere who care about microorganisms.

Methods in Protein Sequence Analysis

Birkhäuser Methods in protein sequence analysis constitute important fields in rapid progress. We have experienced a continuous increase in analytical sensitivity coupled with decreases in time necessary for purification and analysis. Several generations of sequencers, liquid/solid/gas-phase, have passed by and returned in other shapes during just over two decades. Similarly, the introduction of HPLC permitted an enormous leap forward in this as in other fields of biochemistry, and we now start to see new major advances in purification/analysis through capillary electrophoresis. Furthermore, progress in the field of mass spectrometry has matched that in chemical analysis and we witness continuous development, now emphasizing ion spray and other mass spectrometric approaches. In short, protein analysis has progressed in line with other developments in modern science and constitutes an indispensable, integral part of present-day molecular biology. Even the available molecular tools, in the form of proteases with different specificities, have increased in number, although we still have far to go to reach an array of "restriction proteases" like the sets of nucleases available to the molecular geneticist. Of course, conferences have been devoted to protein sequence analysis, in particular the MPSA (Methods in Protein Sequence Analysis) series, of which the 8th conference took place in Kiruna, Sweden, July 1-6 1990. Again, we witnessed much progress, saw new instruments, and experienced further interpretational insights into protein mechanisms and functions.

International Entrepreneurship

Starting, Developing, and Managing a Global Venture

SAGE Publications Combining comprehensive coverage with a wide variety of real-life cases, International Entrepreneurship: Starting, Developing, and Managing a Global Venture gives entrepreneurs the tools they need to successfully launch international ventures in today's hypercompetitive world. Bestselling author Dr. Robert D. Hisrich helps students and entrepreneurs develop global business plans, select international opportunities, and determine the best entry strategy. The text also covers practical considerations such as legal concerns, the global monetary systems, global marketing, and global human resource management for entrepreneurs. The fully updated Third Edition provides increased attention to culture and reflects recent changes in our increasingly globalized world. Readers will also be exposed to new cases featuring international activities of entrepreneurs and ventures throughout the world.

Computer Literature Bibliography

1946 to 1963

Matlab

Modelling, Programming and Simulations

A B M Nasiruzzaman

The Electronic Disturbance

Short pieces and essays examining the changing rules of cultural and political resistance: "The current technological revolution has created a new geography of power relations--as data, human beings confront an authoritarial impulse that thrives on absence. As a virtual geography of cognizance and action, resistance must assert itself in electronic

space."