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Social Networks and the Semantic Web
American Scientist
Paperbound Books in Print
The Journal of Nutrition
Introduction to Compilers and Language Design
Semantic Issues in E-Commerce Systems
Microprocessors and Digital Systems
InfoWorld
American Book Publishing Record
El-Hi Textbooks in Print
The Handbook of Artificial Intelligence
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Cumulative Book Index
Computer Books and Serials in Print
A Supplement to the Oxford English Dictionary
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Microprocessors and Interfacing
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Cumulative Author Index to Psychological Abstracts
Computer Organization and Design
The Semantic Sphere 1
British Paperbacks in Print
High Performance Computing Systems and Applications
American Book Publishing Record Cumulative, 1950-1977
Forthcoming Books
The British National Bibliography
Bibliographic Guide to Computer Science
International Books in Print
Index to IEEE Publications
Conference Papers Index

Social Networks and the Semantic Web

The new digital media offers us an unprecedented memory capacity, an ubiquitous communication channel and a growing computing power. How can we exploit this medium to augment our personal and social cognitive processes at the service of human development? Combining a deep knowledge of humanities and social sciences as well as a real familiarity with computer science issues, this book explains the collaborative construction of a global hypercortex coordinated by a computable metalanguage. By recognizing fully the symbolic and social nature of human cognition, we could transform our current opaque global brain into a reflexive collective intelligence.

American Scientist

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Paperbound Books in Print

The Journal of Nutrition

The Handbook of Artificial Intelligence, Volume I focuses on the progress in artificial intelligence (AI) and its increasing applications, including parsing, grammars, and search methods. The book first elaborates on AI, AI handbook and literature, problem representation, search methods, and sample search programs. The text then ponders on representation of knowledge, including survey of representation techniques and representation schemes. The manuscript explores understanding natural languages, as well as machine translation, grammars,

parsing, test generation, and natural language processing systems. The book also takes a look at understanding spoken language, including systems architecture and the ARPA SUR projects. The text is a valuable source of information for computer science experts and researchers interested in pursuing further research in artificial intelligence.

Introduction to Compilers and Language Design

Semantic Issues in E-Commerce Systems

Issues for 1973- cover the entire IEEE technical literature.

Microprocessors and Digital Systems

InfoWorld

American Book Publishing Record

EI-Hi Textbooks in Print

The Handbook of Artificial Intelligence

The Bookseller

Semantic Issues in e-Commerce Systems comprises the proceedings of the Ninth Working Conference on Database Semantics, which was sponsored by the International Federation for Information Processing (IFIP) and held in Hong Kong in April 2001. This volume will be essential for researchers and practitioners working in the areas of database management, information retrieval and data mining, and user interfaces, as applied to e-commerce.

Cumulative Book Index

Monthly. Papers presented at recent meeting held all over the world by scientific, technical, engineering and medical groups. Sources are meeting programs and abstract publications, as well as questionnaires. Arranged under 17 subject sections, 7 of direct interest to the life scientist. Full programs of meetings listed under sections. Entry gives citation number, paper title, name, mailing address, and any ordering number assigned. Quarterly and annual indexes to subjects, authors, and programs (not available in monthly issues).

Computer Books and Serials in Print

A Supplement to the Oxford English Dictionary

Books in Print

Books in Print Supplement

Microprocessors and Interfacing

A compiler translates a program written in a high level language into a program written in a lower level language. For students of computer science, building a compiler from scratch is a rite of passage: a challenging and fun project that offers insight into many different aspects of computer science, some deeply theoretical, and others highly practical. This book offers a one semester introduction into compiler construction, enabling the reader to build a simple compiler that accepts a C-like language and translates it into working X86 or ARM assembly language. It is most suitable for undergraduate students who have some experience programming in C, and have taken courses in data structures and computer architecture.

National Union Catalog

The Quest for Artificial Intelligence

Books Out-of-print

Book Review Index

A world list of books in the English language.

Dissertation Abstracts International

Whitaker's Cumulative Book List

Bibliographic Index

British Books in Print

Artificial intelligence (AI) is a field within computer science that is attempting to

build enhanced intelligence into computer systems. This book traces the history of the subject, from the early dreams of eighteenth-century (and earlier) pioneers to the more successful work of today's AI engineers. AI is becoming more and more a part of everyone's life. The technology is already embedded in face-recognizing cameras, speech-recognition software, Internet search engines, and health-care robots, among other applications. The book's many diagrams and easy-to-understand descriptions of AI programs will help the casual reader gain an understanding of how these and other AI systems actually work. Its thorough (but unobtrusive) end-of-chapter notes containing citations to important source materials will be of great use to AI scholars and researchers. This book promises to be the definitive history of a field that has captivated the imaginations of scientists, philosophers, and writers for centuries.

InfoWorld

The Cumulative Book Index

This book constitutes the thoroughly refereed post-conference proceedings of the 23rd International Symposium on High Performance Computing Systems and Applications, HPCS 2009, held in Kingston, Canada, in June 2009. The 29 revised full papers presented - fully revised to incorporate reviewers' comments and discussions at the symposium - were carefully selected for inclusion in the book. The papers are organized in topical sections on turbulence, materials and life sciences, bringing HPC to industry, computing science, mathematics, and statistics, as well as HPC systems and methods.

Cumulative Author Index to Psychological Abstracts

Computer Organization and Design

The Semantic Sphere 1

Every 3rd issue is a quarterly cumulation.

British Paperbacks in Print

High Performance Computing Systems and Applications

Vols. 7-42 include the Proceedings of the annual meeting of the American Institute of Nutrition, 1st-9th, 11th-14th, 1934-1942, 1947-1950 (1st-8th, 1934-1941, issued as supplements to the journal).

American Book Publishing Record Cumulative, 1950-1977

Forthcoming Books

The British National Bibliography

This best selling text on computer organization has been thoroughly updated to reflect the newest technologies. Examples highlight the latest processor designs, benchmarking standards, languages and tools. As with previous editions, a MIPS processor is the core used to present the fundamentals of hardware technologies at work in a computer system. The book presents an entire MIPS instruction set—instruction by instruction—the fundamentals of assembly language, computer arithmetic, pipelining, memory hierarchies and I/O. A new aspect of the third edition is the explicit connection between program performance and CPU performance. The authors show how hardware and software components--such as the specific algorithm, programming language, compiler, ISA and processor implementation--impact program performance. Throughout the book a new feature focusing on program performance describes how to search for bottlenecks and improve performance in various parts of the system. The book digs deeper into the hardware/software interface, presenting a complete view of the function of the programming language and compiler--crucial for understanding computer organization. A CD provides a toolkit of simulators and compilers along with tutorials for using them. For instructor resources click on the grey "companion site" button found on the right side of this page. This new edition represents a major revision. New to this edition: * Entire Text has been updated to reflect new technology * 70% new exercises. * Includes a CD loaded with software, projects and exercises to support courses using a number of tools * A new interior design presents defined terms in the margin for quick reference * A new feature, "Understanding Program Performance" focuses on performance from the programmer's perspective * Two sets of exercises and solutions, "For More Practice" and "In More Depth," are included on the CD * "Check Yourself" questions help students check their understanding of major concepts * "Computers In the Real World" feature illustrates the diversity of uses for information technology *More detail below

Bibliographic Guide to Computer Science

Includes entries for maps and atlases.

International Books in Print

Social Networks and the Semantic Web offers valuable information to practitioners developing social-semantic software for the Web. It provides two major case studies. The first case study shows the possibilities of tracking a research community over the Web. It reveals how social network mining from the web plays an important role for obtaining large scale, dynamic network data beyond the possibilities of survey methods. The second case study highlights the role of the social context in user-generated classifications in content, such as the tagging systems known as folksonomies.

Index to IEEE Publications

Conference Papers Index

[ROMANCE](#) [ACTION & ADVENTURE](#) [MYSTERY & THRILLER](#) [BIOGRAPHIES & HISTORY](#) [CHILDREN'S](#) [YOUNG ADULT](#) [FANTASY](#) [HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)