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Artificial Intelligence Leonidas Deligiannidis,George Dimitoglou,Hamid Arabia,2024-08-05 Artificial Intelligence AI revolves around creating and utilizing intelligent machines through science and engineering This book delves into the theory and practical applications of computer science methods that incorporate AI across many domains It covers techniques such as Machine Learning ML Convolutional Neural Networks CNN Deep Learning DL and Large Language Models LLM to tackle complex issues and overcome various challenges **Technologies, Artificial Intelligence and the Future of Learning Post-COVID-19** Allam Hamdan,Aboul Ella Hassani, Timothy Mescon,Bahaaeddin Alareeni,2022-02-17 This book aims to assess the experience of education during COVID 19 pandemic and explore the future of application of technologies and artificial intelligence in education Education delivery requires the support of new technologies such as artificial intelligence AI the Internet of Things IoT big data and machine learning to fight and aspire to new diseases The academic community and those interested in education agree that education after the corona pandemic will not be the same as before The book also questions the role of accreditation bodies e g AACSB etc to ensure the effectiveness and efficiency of technology tools in achieving distinguished education in times of crisis *The Artificial Intelligence Compendium* ,1988 **Prolog**

Programming for Artificial Intelligence Ivan Bratko,1990 The book uses Edinburgh syntax Auditing & systems : exam questions and explanations Irvin N. Gleim,William A. Hillison,2005 **Proceedings of International Symposium on Higher Engineering Education** ,1990 Artificial Intelligence & Creativity American Association for Artificial Intelligence. Spring Symposium,1993 Artificial Intelligence and Symbolic Mathematical Computing Jacques Calmet,J. A. Campbell,1993 This volume contains the papers updated in some cases presented at the first AISMC Artificial Intelligence and Symbolic Mathematical Computations conference held in Karlsruhe August 3 6 1992 This was the first conference to be devoted to such a topic after a long period when SMC made no appearance in AI conferences though it used to be welcome in the early days of AI Some conferences were held recently on mathematics and AI but none was directly comparable in scope to this conference Because of the novelty of the domain authors were given longer allocations of time than usual in which to present their work As a result extended and fruitful discussions followed each paper The introductory chapter in this book which was not presented during the conference reflects in many ways the flavor of these discussions and aims to set out the framework for future activities in this domain of research In addition to the introduction the volume contains 20 papers PUBLISHER S WEBSITE **Artificial Intelligence Abstracts** ,1991 AIweek ,1987 Proceedings of the ... International IEEE Conference on Tools for Artificial Intelligence ,1998 **Proceedings of the ... International Joint Conference on Artificial Intelligence** ,1993 **Australian Computer Journal** ,1989 **Machine Learning** Lawrence Birnbaum,Gregg Collins,1991 The proceedings of the Eighth International Workshop ML91 held at Northwestern U Evanston Illinois in June 1991 All papers contain new work new results or major extensions to prior work Topics include automated knowledge acquisition computational models of human learning constructive ind Computers for Artificial Intelligence Processing Benjamin W. Wah,C. V. Ramamoorthy,1990-10-12 The present book supports the increasing complexity and the growing need for computational power of artificial intelligence AI by providing comprehensive treatments of new hardware and software engineering met in AI language design and applications The book is a collection of 16 substantial papers chapters the contributors being 51 well known researchers in the AI fields The papers are grouped into the following five sections Section 1 represents a well documented survey on symbolic processing computers Section 2 Language based AI Architectures supports the design and implementation of AI language oriented computers Three 2 4 chapters are devoted to computer architecture concerning sequential Lisp processing architectural features of Lisp computers Symbolics Lisp computer architecture memory management and performance evaluation of a Lisp machine system Other three 5 7 chapters discuss multiprocessing and parallel processing of Lisp and general functional programs The last two chapters of section 2 are presenting architectures supporting object oriented programming Smalltalk and production systems Section 3 Multiprocessor AI Architecture contains two 10 11 chapters dealing with Connection Machine architecture and its applications and with the design of data knowledge base machines for AI processing Section 4 Connectionist Architectures

and Applications include two 12 13 chapters illustrating the connectionist model architecture design and learning Section 5 Software Architectures for AI Applications is made up of three 14 16 chapters analysing the relationship between AI and software engineering the development tools for AI programs and the problem of AI hardware and software reliability This book addresses a wide range of AI readers from beginners to professionals It carries forth doubtless qualities compact and well dimensioned chapters comprehensively written by AI remarkable professionals covering up to date AI topics and trends

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