

DESIGNING AND PROGRAMMING PERSONAL EXPERT SYSTEMS

CARL TOWNSEND AND DENNIS FEUCHT

Designing And Programming Personal Expert Systems

Paul J. Kline, Steven B. Dolins



Designing And Programming Personal Expert Systems:

Designing and Programming Personal Expert Systems Carl Townsend, Dennis Feucht, 1986 **Designing and Programming Personal Expert Systems/Book and Disk/Apple II, IIE, IIC/48K** Carl Townsend, Dennis Feucht, 1986-04-01 Discusses the nature of artificial intelligence and expert systems describes the components of a knowledge system and examines the use of list functions logic programming and pattern recognition *Handbook of VLSI Chip Design and Expert Systems* A. F. Schwarz, 2014-05-10 Handbook of VLSI Chip Design and Expert Systems provides information pertinent to the fundamental aspects of expert systems which provides a knowledge based approach to problem solving This book discusses the use of expert systems in every possible subtask of VLSI chip design as well as in the interrelations between the subtasks Organized into nine chapters this book begins with an overview of design automation which can be identified as Computer Aided Design of Circuits and Systems CADCAS This text then presents the progress in artificial intelligence with emphasis on expert systems Other chapters consider the impact of design automation which exploits the basic capabilities of computers to perform complex calculations and to handle huge amounts of data with a high speed and accuracy This book discusses as well the characterization of microprocessors The final chapter deals with interactive I O devices This book is a valuable resource for system design experts circuit analysts and designers logic designers device engineers technologists and application specific designers Expert Systems for Microcomputers Michael Chadwick, 1987 **Designing Expert Systems** Paul J. Kline, Steven B. Dolins, 1989-08 Until now there has been a lack of published information on how to design expert systems This book provides practical guidelines to assist expert systems builders in choosing the right system design and the right artificial intelligence techniques to solve real life design problems Presents a wealth of powerful techniques the problems they solve and includes tips and tricks for using them to best effect **Understanding Expert Systems** Louis E. Frenzel (Jr.), 1987 Expert Systems in Libraries Rao Aluri, Donald Riggs, 1990 Covers expert systems software programs computer assisted instruction catalog automation online retrieval use and applications and management aspects Price to individuals is 35 Annotation copyright Book News Inc Portland Or Intelligent Systems Design Larry Bielawski, Robert Lewand, 1991-01-16 In this book we focus on intelligent systems that are based on the integration of expert systems hypermedia and data base technologies for together they offer a rich environment for creating computer applications that can increase productivity enormously and act as intelligent assistants Though hypermedia and expert systems technologies date back thirty or more years as independent technologies it has only been in the last three years that their paths have fully converged offering system developers a flexible environment that takes advantage of existing information and data The combination of hypermedia and expert systems is quite attractive as it leads to overall increases in productivity

Computer Aided Design in Control Systems 1988 Zhen-Yu Chen, 2017-05-03 This volume contains 73 papers presenting the state of the art in computer aided design in control systems CADCS The latest information and exchange of

ideas presented at the Symposium illustrates the development of computer aided design science and technology within control systems The Proceedings contain six plenary papers and six special invited papers and the remainder are divided into five themes CADCS packages CADCS software and hardware systems design methods CADCS expert systems CADCS applications with finally a discussion on CADCS in education and research

The Prentice Hall Guide to Expert Systems Robert A. Edmunds,1988 A non technical discussion aimed at the business user

Industrial And Engineering Applications Of Artificial Intelligence And Expert Systems Moonis Ali,M. Ali,1988-08 *Crash Course in Artificial Intelligence and Expert Systems* Louis E. Frenzel,1987 Making computers more useful by making them Knowledge representation An approach to problem solving Introduction to expert systems Developing an expert system Natural language processing and voice recognition Computer vision Robotics and AI programming in LISP Prolog and other AI languages AI hardware and the future of AI Appendices Index

Mastering Expert Systems with Turbo Prolog Carl Townsend,1987 Computing Methodologies Artificial Intelligence

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Current Engineering Practice ,1986 Advances in Design Automation, 1987: Design methods, computer graphics, and expert systems S. S. Rao,1987

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Expert Systems for Civil Engineers Mary Lou Maher,1987

Artificial Intelligence Hans-Werner Gottinger,Hans Peter Weimann,1990 This rigorous introduction to an exciting new research domain is aimed at the mathematically minded and requires no knowledge of any physics In a new and reworked edition this first volume presents six fundamental models and the techniques to study them

Microcomputer Knowledge-based Expert Systems in Civil Engineering Hojjat Adeli,1988 Proceedings of a symposium at the ASCE National Convention held in Nashville Tennessee May 10 11 1988 Sponsored by the Structural Division of ASCE This collection contains 16 papers presenting applications of expert system technology to civil engineering problems with emphasis on microcomputer implementations Papers are divided into four categories structural engineering geotechnical and environmental engineering construction and general Topics include knowledge acquisition and machine learning using PROLOG on a Macintosh an environment for building integrated structural design expert systems an integrated rule based system for industrial building design and integrating an expert system shell with spreadsheet programs Expert systems for hazardous waste management diagnosis and treatment of dam seepage problems and analysis of activated sludge are presented Also covered are knowledge elicitation techniques for construction scheduling an expert system for construction contract claims and knowledge acquisition for a contractor prequalification knowledge based system Finally logic programming to manage constraint based

design and development of an earthquake insurance and investment risk analysis system are discussed

Designing And Programming Personal Expert Systems Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Designing And Programming Personal Expert Systems**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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Designing And Programming Personal Expert Systems Introduction

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