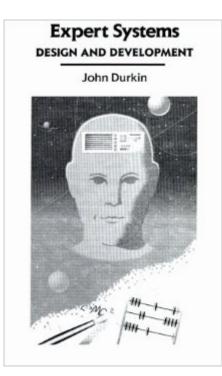
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Expert Systems: Design And Development





Book Information

Hardcover: 800 pages Publisher: Macmillan Coll Div; 1st edition (March 23, 1994) Language: English ISBN-10: 0023309709 ISBN-13: 978-0023309700 Product Dimensions: 1.5 x 6.5 x 9.5 inches Shipping Weight: 2.2 pounds Average Customer Review: 4.9 out of 5 stars Â See all reviews (7 customer reviews) Best Sellers Rank: #1,327,818 in Books (See Top 100 in Books) #106 in Books > Computers & Technology > Computer Science > AI & Machine Learning > Expert Systems #424 in Books > Textbooks > Computer Science > AI & Machine Learning > Intelligence #855 in Books > Computers & Technology > Computer Science > AI & Machine Learning > Intelligence & Semantics

Customer Reviews

This book is a combination of introduction to expert systems and guide lines for getting an expert system up and running. Topics like rule-based expert systems, including forward chaining and backward chaining, inexact reasoning, frame-based systems, induction systems are first introduced in a scientific manner and then follows the engineering methodologies. Important algorithms are described in both plain English and descriptive math. Loads of real-world expert system example projects are given through out the whole book, with the guide from problem identification to architecturing to coding to testing to evaluation to expansion of the system. Loads of source code. This book also well addresses the question of which approach to choose for what domains. There are many comprehensive comparisons between technologies, like rules vs frames, etc.Although this book is a little bit dated, many of the engineering principles which are emphasized in this book still hold the value very well. You see rapid prototype, intensive code testing and short iterations everywhere in this book. I personally think this is a book which should not be overlooked by anybody entering the world of expert systems or knowledge engineering.

Though the book is a little old, it's a good conceptual overview of the rules space. Love it and been reading it in tandem with the Giarratano book.

The book has absolutely all the elements to consider in the development of an expert system. It

covers such topics broadly and is current.

Great book for learning basics of expert system. Helped me understand a lot of useful concepts. <u>Download to continue reading...</u>

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