



Artificial Intelligence (3rd Edition)

By Winston

Pearson, 1992. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: I. REPRESENTATIONS AND METHODS. 1. The Intelligent Computer. The Field and the Book. This Book Has Three Parts. What Artificial Intelligence Can Do. Criteria for Success. Summary Background. 2. Semantic Nets and Description Matching. Semantic Nets. The Describe-and-Match Method. The Describe-and-Match Method and Analogy Problems. The Describe-and-Match Method and Recognition of Abstractions. Problem Solving and Understanding Knowledge. Summary. Background. 3. Generate and Test, Means-End Analysis, and Problem Reduction. The Generate-and-Test Method. The Means-Ends Analysis Method. The Problem-Reduction Method. Summary. Background. 4. Nets and Basic Search; Nets and Optimal Search. Blind Methods. Heuristically Informed Methods. Summary. Background. 5. Nets and Optimal Search. The Best Path; Redundant Paths. Summary. Background. 6. Trees and Adversarial Search. Algorithmic Methods. Heuristic Methods. Summary. Background. 7. Rules and Rule Chaining. Rule-Based Deduction Systems. Rule-Based Reaction Systems. Procedures for Forward and Backward Chaining. Summary. Background. 8. Rules, Subgoals, and Cognitive Modeling. Rule-Based Systems Viewed as Subgoals. Rule-Based Systems Viewed as Models for Human Problem Solving. Summary. Background. 9. Frames and Inheritance. Frames, Individuals, and Inheritance. Demon Procedures; Frames, Events, and Inheritance. Summary. Background. 10. Frames and Commonsense. Thematic-role Frames. Examples Using Take...

Reviews

This publication may be really worth a go through, and a lot better than other. It really is written in simple terms and never difficult to understand. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Natalie Abbott**

This book will not be simple to get going on reading but extremely exciting to read through. Yes, it can be playful, still an interesting and amazing literature. I am very easily could possibly get a delight of reading a written book.

-- **Rene Olson**