



Artificial Intelligence (Intelligent System Guide in English 3rd edition) classic original stacks

By AO) NI GE NI WEI SI JI

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 479 Publisher: Machinery Industry Pub. Date :2011-09-01 version 1. Contents: Preface Preface to the third edition Overview of the book Acknowledgements 1 Introduction to knowledge-based intelligent systems 1.1 Intelligent machines. or what machines can do 1.2 The history of artificial intelligence. or from the Dark Ages to knowledge-based systems 1.3 Summary Questions for review References 2 Rule-based expert systems 2.1 Introduction. or what is knowledge 2.2 Rules as a knowledge representation technique 2.3 The main players in the expert system development team 2.4 Structure of a rule-based expert system 2.5 Fundamental characteristics of an expert system 2.6 Forward chaining and backward chaining inference techniques 2.7 MEDIA ADVISOR: a demonstration rule-based expert system 2.8 Conflict resolution 2.9 Advantages and disadvantages of rule-based expert systems 2.10 Summary Questions for review References 3 Uncertainty management in rule-based expert systems 3.1 Introduction. or what is uncertainty 3.2 Basic probability theory 3.3 Bayesian reasoning 3.4 FORECAST: Bayesian accumulation of evidence 3.5 Bias of the Bayesian method 3.6 Certainty factors theory and evidential reasoning 3.7 FORECAST: an application of certainty factors 3.8 Comparison of Bayesian reasoning and certainty factors 3.9 Summary Questions for review References 4 Fuzzy expert systems 4.1 Introduction. or what is fuzzy thinking 4.2 Fuzzy sets 4.3 Linguistic variables and hedges 4.4 Operations of fuzzy sets 4.5 Fuzzy rules 4.6 Fuzzy inference 4.7 Building a fuzzy expert system 4.8 Summary Questions for review References Bibliography 5 Frame-based expert systems 5.1 Introduction. or what is a frame 5.2 Frames as a knowledge representation technique 5.3 Inheritance in frame-based systems 5.4 Methods and demons 5.5 Interaction of frames and rules 5.6 Buy Smart...



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