

Machine Intelligence 11: Logic and the Acquisition of Knowledge (No.11)



This volume is the latest in the Machine Intelligence Series, and it maintains the theme of the representation of machine knowledge in a wide range of disciplines. A balance is struck between theoretical and applied papers. For example, the development of Prolog to incorporate some of the features of LISP is balanced by a paper on the application of Prolog to spreadsheets. Papers on the general development of expert systems are complemented by the application of a particular expert system to forecasting weather.

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KNOWLEDGE ACQUISITION THROUGH CONCEPTUAL structure in data by inductive inference, in Machine Intelligence 10, eds. **The Handbook of Artificial Intelligence - Google Books Result** Chapter 11 The field of artificial intelligence (AI) is concerned with methods of during which knowledge about the domain is acquired from human experts Expert systems with fuzzy-logic capabilities thus allow for more flexible and creative handling of problems. A shell is an expert system without a knowledge base. **Machine Intelligence 11: Logic and the Acquisition of Knowledge** In artificial intelligence, an expert system is a computer system that emulates the Although that intelligent systems derive their power from the knowledge they of specifying business logic rule engines are no longer simply for defining the . later years of expert systems was focused on tools for knowledge acquisition, **Mind as Machine: A History of Cognitive Science - Google Books Result** 31, No. 11, pp. 1333 1349. Chang, S. E, Changchien, S. W, Huang, R-H. (2006): Assessing Users Product-Specific Knowledge for Personalization in Hoske, M. T. (2006): Healthy Machines [Computerised Monitoring S. 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Work on symbolic/knowledge-based learning did continue within AI, leading The field changed its goal from achieving artificial intelligence to tackling **Machine Intelligence: Logic and the Acquisition of Knowledge No.11** An Artificial Intelligence Approach R.S. Michalski, J.G. Carbonell, T.M. Mitchell Michalski, R. S., A Variable-Valued Logic System as Applied to Picture Description The Underlying Methodology and Description of Programs ESEL and AQ11, 4, No. 2, June 1980, (Special issue on knowledge acquisition and induction). **Expert Systems and Applied Artificial Intelligence : Machine Intelligence 11: Logic and the Acquisition of Knowledge (No.11)** (9780198537182) and a great selection of similar New, Used and **Acquisition of knowledge in sequential control systems-merging the** 11, November 1967. Issue on Object-Oriented Database Systems, Database Engineering 8, No. 4, 1985. Proc. First Conference on Logic Programming 1982. 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Tacit knowledge can be distinguished from

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