



Artificial Intelligence Through Search

By Christopher James Thornton, Benedict du Boulay

Springer, Netherlands, 2012. Paperback. Book Condition: New. 297 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.This is an important textbook on artificial intelligence that uses the unifying thread of search to bring together most of the major techniques used in symbolic artificial intelligence. The authors, aware of the pitfalls of being too general or too academic, have taken a practical approach in that they include program code to illustrate their ideas. Furthermore, code is offered in both POP-11 and Prolog, thereby giving a dual perspective, highlighting the merits of these languages. Each chapter covers one technique and divides up into three sections: * a section which introduces the technique (and its usual applications) and suggests how it can be understood as a variant/generalisation of search; * a section which developed a low-level (POP-11) implementation; * a section which develops a high-level (Prolog) implementation of the technique. The authors also include useful notes on alternative treatments to the material, further reading and exercises. As a practical book it will be welcomed by a wide audience including, those already experienced in AI, students with some background in programming who are taking an introductory course in AI,...



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