



Logic for Computer Scientists

By Uwe Schöningh

Birkhäuser Jan 2008, 2008. Taschenbuch. Book Condition: Neu. 23.5x15.5x cm. This item is printed on demand - Print on Demand Neuware - This book introduces the notions and methods of formal logic from a computer science standpoint, covering propositional logic, predicate logic, and foundations of logic programming. It presents applications and themes of computer science research such as resolution, automated deduction, and logic programming in a rigorous but readable way. The style and scope of the work, rounded out by the inclusion of exercises, make this an excellent textbook for an advanced undergraduate course in logic for computer scientists. This is a short introductory book on the topic of propositional and first-order logic, with a bias towards computer scientists. Schöningh decides to concentrate on computational issues, and gives us a short book (less than 170 pages) with a tight storyline. I found this a nicely written book with many examples and exercises (126 of them). The presentation is natural and easy to follow. This book seems suitable for a short course, a seminar series, or part of a larger course on Prolog and logic programming, probably at the advanced undergraduate level. SIGACT News Contains examples and 126...

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