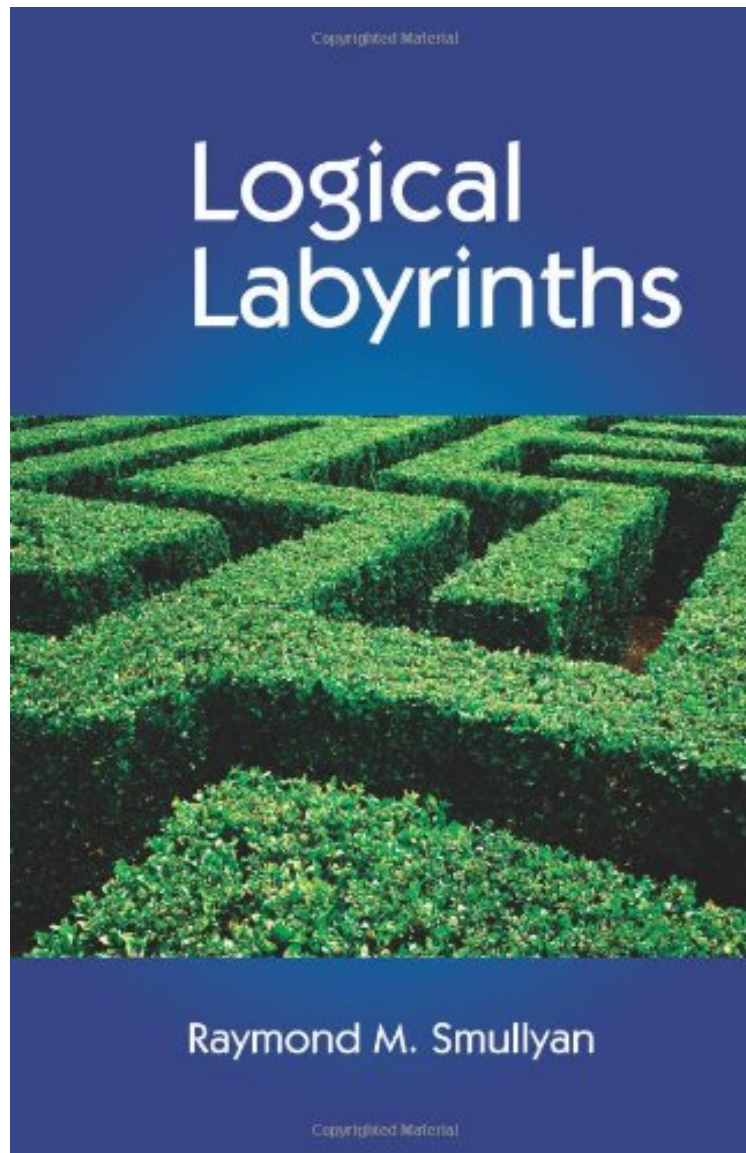


[Download] Logical Labyrinths

Logical Labyrinths

Raymond Smullyan

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#1167191 in Books A K Peters/CRC Press 2008-12-22Ingredients: Example IngredientsOriginal language:EnglishPDF # 1 .90 x 6.10 x 9.00l, 1.25 #File Name: 1568814437275 pages | File size: 38.Mb

Raymond Smullyan : Logical Labyrinths before purchasing it in order to gage whether or not it would be worth my time, and all praised Logical Labyrinths:

8 of 9 people found the following review helpful. One of the best approach to logic.By NileSmullyan is amazing in this book, but the mistakes! It's so awful to see such a nice work be plagued by typos (missing parentheses) and mistakes (wrong formulas sometimes) and the guy saying "it's obvious" every few problems. I really hope they come out with a revised edition. It's really much better as an intro to logic than most other books I purchased which go into

long drawn and boring argument about old political debates which avoid as much controversies as possible not to offend the sensibilities of either side of the isle. This one is about puzzles! Solve this, try that. Fun stuff! I highly recommend it... 40\$ with all the mistakes though... I wonder who was A.K. Peters (the publisher) targeting with this book. Smullyan is in his 90's now. It's fascinating to peak in his mind through this book; he's still sharp for his age strangely enough. 0 of 1 people found the following review helpful. Read it and recommend it. You will want all of them. By Carolyn Lanier Classic. Read it and recommend it. You will want all of them. 24 of 25 people found the following review helpful. Good Book, Lots of Errors By Robert F. Rhine I'll keep this short. It's a great book with lots of problems. I mean both that you will be solving a lot of problems (puzzles), as well as that there are many errors. The author obviously used LaTeX in writing it, and he obviously misused copy and paste in several instances (oops, I meant AND instead of OR). It's a first edition, so I would excuse the errors if he wasn't falling into the common math professor trap of implying things should be obvious every chapter or so. But it's worth it for its approach to logic; I would recommend it, especially when a second (fixed) edition comes out.

This book features a unique approach to the teaching of mathematical logic by putting it in the context of the puzzles and paradoxes of common language and rational thought. It serves as a bridge from the author's puzzle books to his technical writing in the fascinating field of mathematical logic. Using the logic of lying and truth-telling, the author introduces the readers to informal reasoning preparing them for the formal study of symbolic logic, from propositional logic to first-order logic, a subject that has many important applications to philosophy, mathematics, and computer science. The book includes a journey through the amazing labyrinths of infinity, which have stirred the imagination of mankind as much, if not more, than any other subject.

With the various bridge courses springing around campuses, this book could be used for a first glimpse into mathematical logic. The author has reached a delicate balance between simple fun with the various puzzles that fill the book and the formality of an introductory course on mathematical logic. MAA s, March 2009 In addition to being one of the most important mathematical logicians of our time, Raymond Smullyan is also a master inventor and purveyor of logic puzzles... Much of Smullyan's technical work consists of ingenious ways to generalize features of formal systems and crucial results in mathematical logic. That is what is highlighted in this book. Indeed, to motivate the presentation of the logic, he presents a clean and insightful generalization of many of the logic puzzles themselves. ... Given Smullyan's vitality, we can all hope for the sequel. Stewart Shapiro, Mathematical s, October 2009 If mathematics educators wish to narrow the gap between expert and novice, they must understand the factors in the teaching and learning of proof, design rich explorations, and establish an environment in which these explorations are possible. The author accomplishes this admirably. Premalatha Junius, Mathematics Teacher, November 2009 Smullyan ... has earned fame for writing a small shelf of puzzle books. ... [Here] he provides a textbook on first-order logic, suitable for classroom use but animated with the lively imagination that makes his puzzle books a delight. D.V. Feldman, CHOICE, February 2010 About the Author Raymond M. Smullyan is a highly-regarded research mathematician and a successful author with numerous popular books on logic puzzles, as well as more technical works on logic. In addition, he is a magician, close friend of Martin Gardner, and a very popular figure in the international puzzle community.