



# Mathematical Logic (Hardback)

By George Tourlakis

John Wiley and Sons Ltd, United States, 2008. Hardback. Book Condition: New. 238 x 154 mm. Language: English . Brand New Book. A comprehensive and user-friendly guide to the use of logic in mathematical reasoning Mathematical Logic presents a comprehensive introduction to formal methods of logic and their use as a reliable tool for deductive reasoning. With its user-friendly approach, this book successfully equips readers with the key concepts and methods for formulating valid mathematical arguments that can be used to uncover truths across diverse areas of study such as mathematics, computer science, and philosophy. The book develops the logical tools for writing proofs by guiding readers through both the established Hilbert style of proof writing, as well as the equational style that is emerging in computer science and engineering applications. Chapters have been organized into the two topical areas of Boolean logic and predicate logic. Techniques situated outside formal logic are applied to illustrate and demonstrate significant facts regarding the power and limitations of logic, such as: Logic can certify truths and only truths. Logic can certify all absolute truths (completeness theorems of Post and Godel). Logic cannot certify all conditional truths, such as those that are specific to...



#### Reviews

Unquestionably, this is the greatest job by any author. It really is simplistic but shocks inside the fifty percent in the book. I am just pleased to inform you that here is the greatest book i actually have go through within my own existence and could be he greatest ebook for at any time.

#### -- Elva Kemmer

A brand new e book with a new perspective. I could comprehended every little thing using this written e publication. I am quickly will get a satisfaction of reading through a written ebook.

# -- Clemmie Rolfson

# Other Kindle Books



### The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English. Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to give your child an academically rigorous, comprehensive...



#### A Parent's Guide to STEM (Paperback)

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English. Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This lively, colorful guidebook provides everything you need to know to help your child get inspired, succeed...



Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters! (Paperback)

ZONDERVAN, United States, 2014. Paperback. Book Condition: New. 211 x 137 mm. Language: English . Brand New Book. Rachel Macy Stafford s post The Day I Stopped Saying Hurry Up was a true phenomenon on The Huffington Post, igniting countless conversations online...



# Oxford Primary Illustrated Maths Dictionary (Paperback)

Oxford University Press, United Kingdom, 2012. Paperback. Book Condition: New.  $238 \times 182$  mm. Language: English . Brand New Book. The Oxford Primary Illustrated Maths Dictionary supports the curriculum and gives comprehensive coverage of the key maths terminology children use in the...



## Oxford Primary Illustrated Science Dictionary (Paperback)

Oxford University Press, United Kingdom, 2013. Paperback. Book Condition: New. 238  $\times$  184 mm. Language: English . Brand New Book. The Oxford Primary Illustrated Science Dictionary supports the curriculum and gives comprehensive coverage of the key science terms children use in the...



## Meet Trouble: Slipcase (Paperback)

Penguin Putnam Inc, United States, 2013. Paperback. Book Condition: New. 230 x 154 mm. Language: English . Brand New Book. A brand-new series for brand-new readers!Introducing a new series for brand-new readers! Each slipcase includes two 16-page paperback books, both on an...