

Introduction to Mathematical Logic, Fourth Edition. 9780412808302. 440 pages. CRC Press, 1997. 1997. Elliott Mendelson

Topics. Logic, Symbolic and mathematical. Publisher. Englewood Cliffs, N.J., Prentice-Hall. Openlibrary_edition. OL5683299M. Openlibrary_work. Books to Borrow. Books for People with Print Disabilities. Internet Archive Books. Scanned in China. Uploaded by Lotu Tii on January 25, 2012. Introduction to Mathematical Logic FOURTH EDITION Elliott Mendelson Queens College of the City University of New York m CHAPMAN & HALL London Weinheim New York Tokyo Melbourne Madras. Publish, il li. I believe that the essential parts of the book can be read with ease by anyone with some experience in abstract mathematical thinking. There is, however, no specific prerequisite. This book owes an obvious debt to the standard works of Hilbert and Introduction to Mathematical Logic covers these topics in a clear, reader-friendly style that will be valued by anyone working in computer science as well as lecturers and researchers in mathematics, philosophy, and related fields. The Fourth Edition of this long-established text retains all the key features of the previous editions, covering the basic topics of a solid first course in mathematical logic. This edition includes an extensive appendix on second-order logic, a section on set theory with urelements, and a section on the logic that results when we allow models with empty domains. The text contains numerous exercises and an appendix furnishes answers to many of them. Introduction to Mathematical Logic includes: propositional logic. first-order logic.