

Librería
Bonilla y Asociados
desde 1950



Título: An Introduction To Mathematical Logic

Autor: Hodel Richard E.

Precio: \$540.00

Editorial:

Año: 2013

Tema:

Edición:

Sinopsis

ISBN: 9780486497853

Widely praised for its clarity and thorough coverage, this comprehensive overview of mathematical logic is suitable for readers of many different backgrounds. Designed primarily for advanced undergraduates and graduate students of mathematics, the treatment also contains much of interest to advanced students in computer science and philosophy.

An introductory section prepares readers for successive chapters on propositional logic and first-order languages and logic. Subsequent chapters shift in emphasis from an approach to logic from a mathematical point of view to the interplay between mathematics and logic. Topics include the theorems of Gödel, Church, and Tarski on incompleteness, undecidability, and indefinability; a rigorous treatment of recursive functions and recursive relations; computability theory; and Hilbert's Tenth Problem. Numerous exercises appear throughout the text, and an appendix offers helpful background on number theory.

Reprint of the PWS Publishing Company, Boston, 1995 edition.