Logic: The Theory of Formal Inference

By Alice Ambrose, Morris Lazerowitz

Dover Publications Inc., United States, 2015. Paperback. Book Condition: New. Reissue. 228 x 152 mm. Language: English . Brand New Book. Geared toward college undergraduates new to the subject, this concise introduction to formal logic was written by Alice Ambrose and Morris Lazerowitz, a pair of noted scholars and prolific authors in this field. A preliminary section opens the subject under the heading of truth-functions. Two subsequent parts on quantification and classes, each subdivided into numerous brief specifics, complete the overview. Suitable for students of philosophy as well as mathematics, the three-part treatment begins with the intuitive development of the standard theory of sentential connectives (called operators). The theory is further developed with the assistance of truth-tables and ultimately as a logistic system. Part II explores first-order quantification theory. In addition to examining most of the familiar laws that can be expressed by monadic formulas, the text addresses polyadic principles and the theories of identity and descriptions. Part III focuses on elementary concepts of classes, from class membership and class inclusion to the algebra of classes. Each part concludes with a series of exercises.

READ ONLINE
[4.24 MB]

Reviews

An exceptional ebook along with the font applied was interesting to read through. it was actually writtern really completely and beneficial. Once you begin to read the book, it is extremely difficult to leave it before concluding.
-- Mr. Hector Cole Jr.

This written pdf is wonderful. It can be writter in easy phrases and not difficult to understand. Your lifestyle span will likely be enhance once you full looking over this ebook.
-- Juanita Reynolds