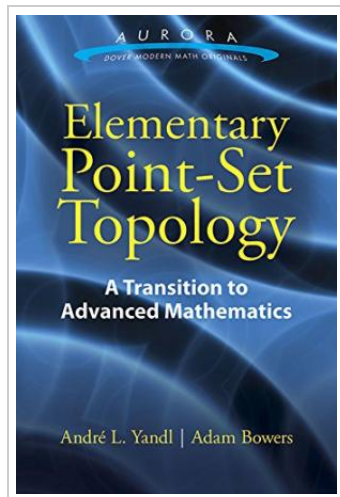



[DOWNLOAD](#)

[READ ONLINE](#)
 [7.14 MB]

Elementary Point-Set Topology: A Transition to Advanced Mathematics

By Andre Yandl

Dover Publications Inc., United States, 2016. Paperback. Book Condition: New. First Edition, First ed.. 228 x 152 mm. Language: English . Brand New Book. In addition to serving as an introduction to the basics of point-set topology, this text bridges the gap between the elementary calculus sequence and higher-level mathematics courses. The versatile, original approach focuses on learning to read and write proofs rather than covering advanced topics. Based on lecture notes that were developed over many years at The University of Seattle, the treatment is geared toward undergraduate math majors and suitable for a variety of introductory courses. Starting with elementary concepts in logic and basic techniques of proofwriting, the text defines topological and metric spaces and surveys continuity and homeomorphism. Additional subjects include product spaces, connectedness, and compactness. The final chapter illustrates topology's use in other branches of mathematics with proofs of the fundamental theorem of algebra and of Picard's existence theorem for differential equations.

Reviews

This ebook can be worth a read, and superior to other. Yes, it is actually perform, nonetheless an amazing and interesting literature. Your daily life period will probably be convert as soon as you comprehensive reading this article ebook.

-- Elisha O'Conner II

Most of these ebook is the best publication available. It is definitely simplistic but unexpected situations within the 50 percent of the book. You will not sense monotony at at any moment of the time (that's what catalogs are for relating to in the event you request me).

-- King Wunsch