

ZMATH 2011b.01169

Liebeck, Martin

A concise introduction to pure mathematics. With a foreword by Robert Guralnick. 3rd ed. Chapman & Hall/CRC Mathematics. Boca Raton, FL: CRC Press (ISBN 978-1-4398-3598-2/pbk). xvi, 252 p. (2011).

New to this third edition of Liebeck's book (for a review of the first edition see [Zbl 0969.00001]) are three chapters on bounds, limits and continuity, providing an introduction to analysis, and a section giving solutions to the odd-numbered exercises. (Note that the solution to Exercise 11 of Chapter 13 erroneously states that there are 250 leap years in a 1000-year period.) The book remains an excellent choice for a transitional course to rigorous mathematics or for an introduction to the world of mathematics for good students from other areas.

Gerald A. Heuer (Moorhead)

Classification: U95

Keywords: general mathematics