An Introduction to the Theory of Numbers

Second Edition

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Niven Zuckerman Instructor Manual

Evan M. Maletsky, Christian R. Hirsch

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Historical Modules for the Teaching and Learning of Mathematics Victor J. Katz, Karen Dee Michalowiz, 2020-03-02 Contains 11 modules consist of a number of activities designed to demonstrate the use of the history of mathematics in the teaching of mathematics Objectives of the Modules To enable students to develop a much richer understanding of mathematics and its applications by viewing the same phenomena from multiple mathematical perspectives To enable students to understand the historical background and connections among historical ideas leading to the development of mathematics To enable students to see how mathematical concepts evolved over periods of time To provide students with opportunities to apply their knowledge of mathematics to various concrete situations and problems in a historical context To develop in students an appreciation of the history connected with the development of different mathematical concepts To enable students to recognize and use connections among mathematical ideas To enable students to understand how mathematical ideas interconnect and build on one another to produce a coherent whole To lead students to recognize and apply mathematics in contexts outside of mathematics Publisher **Activities from the Mathematics Teacher** Evan M. Maletsky, Christian R. Hirsch, 1981 The activities section has been a regular feature of the Mathematics teacher since 1972 The section provides classroom teachers and teacher educators with a useful source of discovery lessons laboratory experiences mathematical games and puzzles and model constructions for use with students in grades 7 through 12 This compilation of reprinted activities is organized in five sections around the following topics computational skills calculators The Mathematics Teacher ,1961 geometry measurement and problem solving Iii Books in Print ,1982 An **Introduction to the Theory of Numbers** Ivan Niven, Herbert S. Zuckerman, 1980 Forthcoming Books Rose Arny,2003-04

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