



METADATA

Title: Repetition in Number Theory

Other Titles: Concise theory, methodology, exercises

Language: Greek

Authors: Alvanos, P., Instructor, AUTH, Poulakis, D., Professor, AUTH

ISBN: 978-618-85370-3-3

Subject: MATHEMATICS AND COMPUTER SCIENCE

Keywords: Divisibility / Congruences / Arithmetic Functions / Quadratic Residues / Quadratic Forms

...

Bibliographic Reference: Alvanos, P., & Poulakis, D. (2021). Repetition in Number Theory [Undergraduate textbook]. Kallipos, Open Academic Editions. <http://dx.doi.org/10.57713/kallipos-9>

Abstract

This book is an aid to undergraduate courses in Number Theory. The sections of each chapter include a concise theory, methodology and a variety of solved exercises. The penultimate section of each chapter includes exercises

whose solution requires complex thinking and the use of the knowledge of the previous sections. Finally, the last section of each chapter is devoted to the Number Theory package of the Maple computer program.

