

Preface to the Second Edition

This expanded and corrected second edition has a new chapter on the important topic of equidistribution. Undoubtedly, one cannot give an exhaustive treatment of the subject in a short chapter. However, we hope that the problems presented here are enticing that the student will pursue further and learn from other sources.

A problem style presentation of the fundamental topics of analytic number theory has its virtues, as I have heard from those who benefited from the first edition. Mere theoretical knowledge in any field is insufficient for a full appreciation of the subject and one often needs to grapple with concrete questions in which these ideas are used in a vital way. Knowledge and the various layers of “knowing” are difficult to define or describe. However, one learns much and gains insight only through practice. Making mistakes is an integral part of learning. Indeed, “it is practice first and knowledge afterwards.”

Kingston, Ontario, Canada, September 2007

M. Ram Murty



<http://www.springer.com/978-0-387-72349-5>

Problems in Analytic Number Theory

Murty, U.S.R.

2008, XXII, 506 p., Hardcover

ISBN: 978-0-387-72349-5