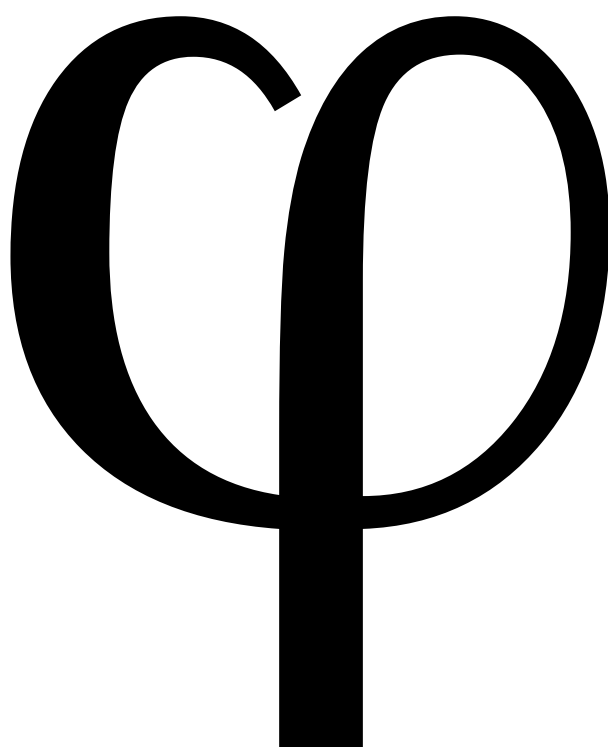


TOMMASO CORTONESI

NUMBER THEORY REVEALED



Notes and Exercises

CONTENTS

1

PRELIMINARY CHAPTER ON INDUCTION

1.1 FIBONACCI NUMBERS AND OTHER RECURRENCE SE- QUENCES

qua ci si mette gli esercizi e via.

Exercise 0.1.1. In order to prove that the procedure shown above is really an algorithm, we need to prove that even in the extended language, there is an algorithm to check satisfiability of a ϕ^+ -complete conjunction. This is shown in the next theorem. ■

Exercise 0.1.2. Risolviamo il secondo esercizio e via ■