Algebraic Number Theory

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January 18, 2019

Abstract

What did the number theorist say as he drowned?

Log, log, log, log....

For an up to date version of this pdf, check my GitHub :)

https://github.com/vrvinny/nuber-theory

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1 Introduction/Review

1.1 Introduction

Number Theory is the theory of the ring $\mathbb{Z}$ and other related rings. A ring (in this course) is a set R with two binary operations $+$ and $*$ such that: