

Introduction to Analysis

Lecture Notes

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Notation

- $\mathbb{N} = \{0, 1, 2, \dots\}$
- $\mathbb{Z}^+ = \{1, 2, 3, \dots\}$

1. Introduction to Analysis

Discussion 1.1: Take $x \in \mathbb{R}$ which satisfies $x \geq 0$.