

Diskrete Mathematik

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1 Introduction

This is the introduction section.

2 Zahlenmengen

2.1 Natürliche Zahlen

$$\mathbb{N} = \{0, 1, 2, 3, 4, 5, 6, \dots\} \quad \mathbb{N} = \{\sum_{i=0}^n i \mid n \in \mathbb{N}\}$$

2.2 Ganze Zahlen

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

2.3 Rationale Zahlen

$$\mathbb{Q} = \{\frac{1}{2}, \frac{2}{3}, \frac{5}{4}, -\frac{3}{7}, 0, 1, -2, \dots\}$$

2.4 Reelle Zahlen

$$\mathbb{R} = \{-2, 0, 1.5, \sqrt{2}, \pi, e, \dots\}$$

3 Formulas

4 Examples

4.1 Example 1

Description and solution of example 1.

4.2 Example 2

Description and solution of example 2.