

# Your Presentation

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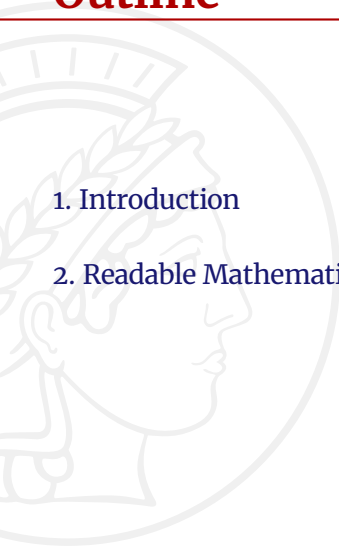


# Outline

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1. Introduction

2. Readable Mathematics 42



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- ▶ The default item
  - The default subitem
    - The default subsubitem
- ❖ The first custom item (adapted from Google slides)
- ▣ The second custom item (adapted from Google slides)
- ✦ The third custom item (adapted from `fourier-orns`)
- ★ This is a custom item



# Readable Mathematics 42 ✦ A $\text{\LaTeX}$ Example

Let  $X_1, X_2, \dots, X_n$  be a sequence of independent and identically distributed random variables with  $E[X_i] = \mu$  and  $\text{Var}[X_i] = \sigma^2 < \infty$ , and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i$$

denote their mean. Then as  $n$  approaches infinity, the random variables  $\sqrt{n}(S_n - \mu)$  converge in distribution to a normal  $\mathcal{N}(0, \sigma^2)$ .