

Sample document

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Abstract

Esto es mi resumen (abstracto?). Probando, probando, ...

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1 Introduction and Lorem Ipsum

Hello World! This is a sample L^AT_EX document. The main goal of this document is to test and showcase different document settings and styles.

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1.1 Definitions, Theorems and Lemmas

Definition 1.1: The exponential

We define the exponential function $\exp(x) = e^x$ as

$$\exp(x) = 1 + x + \frac{x^2}{2!} + \frac{x^3}{3!} + \dots$$

Theorem 1.2: Euler's formula

It is true that $e^{i\pi} + 1 = 0$

Theorem 1.2 is considered by many to be one of the most beautiful results in mathematics.

Lemma 1.3

This is an example lemma with an example formula:

$$\zeta(s) = \sum_{n \geq 1} \frac{1}{n^s} = \prod_{p \in \mathbf{P}} (1 - 1/p)^{-1}$$

Remark 1.4

And this is a remark about the previous lemma!!

This is a new page. Look at the headers!!!! **NP**