Document Title

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Abstract

Contents

This project is hosted on GitHub and serves as a template for creating LaTeX documents. For more details, refer to the GitHub repository from Chang, 2025.

1 Environments

This document demonstrates the usage of the custom theorem-like environments defined in the `document.sty` package.

Definition 1.1 (Sample Definition)**.** This is an example of a definition environment.

Assumption 1.1 (Sample Assumption)**.** This is an example of an assumption environment.

Conjecture 1.1 (Sample Conjecture)**.** This is an example of a conjecture environment.

Lemma 1.1 (Sample Lemma)**.** This is an example of a lemma. It shares the same style as the theorem environment.

Proof. This is an example of a proof environment. It is used to provide a proof for the lemma or theorem. ∎

Theorem 1.1 (Sample Theorem)**.** This is an example of a theorem environment.

Corollary 1.1 (Sample Corollary)**.** This is an example of a corollary. It also shares the same style as the theorem environment.

Proposition 1.1 (Sample Proposition)**.** This is an example of a proposition. It also shares the same style as the theorem environment.

Remark 1.1 (Sample Remark)**.** This is an example of a remark environment.

Example 1.1 (Sample Example)**.** This is an example of an example environment.

Solution 1.1. This is an example of an solution environment. □

Problem 1.1 (Sample Problem)**.** This is an example of a problem environment.

Appendices

References

Chang, H.-S. (2025). LaTeX document template.