

Chapter 1

Sample Chapter

1.1 Sample Section

Theorem 1.1. *Plain - boldface title, italicized body. Commonly used in theorems, lemmas, corollaries, propositions and conjectures.*

$$a^2 + b^2 = c^2$$

Lemma 1.1 (Optional title). *Plain - boldface title, italicized body. Commonly used in theorems, lemmas, corollaries, propositions and conjectures.*

Definition 1.1. Definition - boldface title, roman body. Commonly used in definitions, conditions, problems and examples.

Definition 1.2 (Optional title). Definition - boldface title, roman body. Commonly used in definitions, conditions, problems and examples.

Remark 1.1. Remark - italicized title, roman body. Commonly used in remarks, notes, annotations, claims, cases, acknowledgments and conclusions.

Definitions 1.1 and 1.2 are referred with `\ref{def1}` and `\ref{def2}`.