Book name

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Contents

Chapter 1

Examples

1.1 Theorem System

Definition 1.1.1: Definition Name

A definition.

Theorem 1.1.2: Theorem Name

A theorem.

Theorem 1.1.3: Theorem Name with Proof

A theorem with a proof.

Proof

This is the proof of the theorem.

Lemma 1.1.4: Lemma Name

A lemma.

Lemma 1.1.5: Lemma Name with Proof

A lemma with a proof.

Proof

This is the proof of the lemma.

Proposition 1.1.6: Proposition Name

A proposition.

Proof

This is the proof of the proposition.

Corollary 1.1.7: Corollary Name

A corollary.

Proof

This is the proof of the corollary.

Claim: Claim Name

A claim.

Proof

This is the proof of the claim.

Example

This is an example.

Exercise 1.1

Exercise example.

Remark

This is a remark.

Proof

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1.2 Pictures

Figure 1.1: Waterloo, ON

Bibliography

[Lam94]   Leslie Lamport. "LaTeX: A Document Preparation System". In: *Addison-Wesley* (1994). URL: https://www.latex-project.org/help/documentation/latex2e/.

[Knu97]   Donald E. Knuth. *The Art of Computer Programming, Volume 1: Fundamental Algorithms*. 3rd. Addison-Wesley, 1997. ISBN: 978-0201896831. URL: https://www.pearson.com / store / p / the – art – of – computer – programming – volume – 1 – fundamental – algorithms/P100000001007/9780201896831.