First Document

Gubert Farnsworth

Contents

Part I
First Part of this document

1 Introduction

This is the first section.

2 Introduction

Theorems can easily be defined

Theorem 2.1 *Let f be a function whose derivative exists in every point, then f is a continuous function.*

Theorem 2.2 (Pythagorean theorem) *This is a theorema about right triangles and can be summarised in the next equation*

$$x^2 + y^2 = z^2$$

And a consequence of theorem 2.2 is the statement in the next corollary.

Corollary 2.2.1 *There's no right rectangle whose sides measure 3cm, 4cm, and 6cm.*

You can reference theorems such as 2.2 when a label is assigned.

Lemma 2.3 *Given two line segments whose lengths are a and b respectively there is a real number r such that $b = ra$.*

3 Second Section

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3.1 First Subsection

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4 Introduction

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5 Second Section

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6 Third Section

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