

# Demonstration of Preemptive numbering

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## 1 Introduction

You will see: sections 2 and 3; subsections 2.1, 2.2, 3.1 and 3.2; some equations 1 and 2; as well as some figures 1, 2.

## 2 First Section

The first section of the document.

### 2.1 First Subsection

A subsection with some math.

$$a^2 + b^2 = c^2 \tag{1}$$

### 2.2 Second Subsection

A subsection with a figure.

## 3 Second Section

The section section of the document.

### 3.1 First Subsection

Another subsection with some math.

$$E = mc^2 \tag{2}$$

### 3.2 Second Subsection

Another subsection with a figure.



Figure 1: A beautiful sunset



Figure 2: The same beautiful sunset