

# My Title

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<b>1</b>	<b>This is a section title</b>	<b>2</b>
1.1	This is a subsection . . . . .	2

My first Latex document

# 1 This is a section title

We are now in section 1.

## 1.1 This is a subsection

The following is a figure with a caption:



Figure 1: My caption

In figure 1, we can see the university logo.  
Here's a bulleted list:

- My item
- My second item

The following is a numbered list:

1. My numbered item
2. My second numbered item

We can display content side by side using minipages:



Figure 2: My caption

The following is a numbered equation:

$$\int \ln x dx = x \ln x - x + c \tag{1}$$

See equation 1.

The following is an unnumbered equation:

$$\frac{a}{b} \cdot \frac{c}{d} = \frac{ac}{bd}$$

Here's a sequence of aligned equations:

$$P(a|b) = \frac{P(a,b)}{P(b)} \tag{2}$$

$$= \frac{P(b|a)P(a)}{P(b)} \tag{3}$$

Here's an inline equation:  $f(x) = x^2$ . We can then continue with the text.

This is a citation: [1].

The bibliography is displayed below (generated from the bibtex file *bibliography.bib*).

## References

- [1] A. Name, "Book title," *Lecture Notes in Autonomous System*, vol. 1001, pp. 900–921, 2003.