1 This is a section

This is an inline equation: $x^2 = -1$.

This is a centered equation:

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

This is a numbered equation:

$$\lim_{n\to\infty} \frac{1}{n} = 0. \tag{1}$$

This is a multiple line equation:

$$\int_0^1 2x\,dx = x^2\Big|_{x=0}^1 \tag{2}$$

$$= 1 \tag{3}$$

This is how to cite the above equation: (1) & 2.

Theorem 1. *This is a theorem environment.*

Corollary 2. *This is a theorem-like environments.*

This is how to cite the above theorem: 1 & 2.

Proof. Here goes the proof. □

This is how to cite references: [2, 3], [1].

2 This is another section

This is an input file.

$$a + b = c \tag{4}$$

$$= d + e \tag{5}$$

References

[1] Albert Einstein. Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]. *Annalen der Physik*, 322(10):891–921, 1905.

[2] Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The LaTeX Companion*. Addison-Wesley, Reading, Massachusetts, 1993.

[3] Donald Knuth. Knuth: Computers and typesetting.