



# 1 Introduction

this is a L<sup>A</sup>T<sub>E</sub>X document

hello

**hello** *hello test* hello world hello world what do you think is the future of the world

this is the future of our life

$$f(x) = (x + 2)^3$$

$$f(x) = x$$

$$f(x) = x \tag{1}$$

$$1 + 1_2 \left( hello \right) \tag{2}$$

$$\begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix}$$

a	b c	d
a	d	c