

# Intro to L<sup>A</sup>T<sub>E</sub>X

Mahdi Hasnat Siyam

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## 1 Section

This is normal text. This is also normal text. **But this is bold.** This is again normal text.

ref to 1

We talk about cross-referencing in Section 2.

## 2 Cross Referencing

Cross-referencing is pretty awesome! contact mahdi

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

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$$g(x) = \frac{1}{x}$$

$$F(x) = \int_b^a \frac{1}{3}x^3$$

$$\frac{1}{\sqrt{x}}$$

$$\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix} \tag{1}$$

$$\left(\frac{1}{\sqrt{x}}\right)$$



(a) Uni 1



(b) Uni 2



(c) Uni niche

Figure 1: Universe's

### 3 Footnotes

refer to 1. <sup>1</sup>

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<sup>1</sup> Notel

## 4 Table Example

Table 1: Table 1

Value 1	Value 2	Value 3
$\alpha$	$\beta$	$\gamma$
1	1110.10	a
2	10.10	b
3	23.12	c

## 5 Lists

Itemize list with changable bullet

- one
- two
- \* three
- a* four
- Dash
- Dash
- \* Asterisk

Another itemize Example

- \* One
- \* Two
- \* Three