# Hello Simtex!

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## 1 This is a section: Math

This program is planned to support the **most** *basic* LaTeX features, you can use *inline math* with $a + b = c^2$. And this will be the *paragraph math*:

$$\oint \boldsymbol{B} \cdot d\boldsymbol{A} = 0 \tag{1}$$

And this is for *align*:

$$\sum_i \vec{B_i} \cdot \vec{\ell_i} = \mu_0 \left( I + \varepsilon_0 \frac{\Delta E \cdot A}{\Delta t} \right) \tag{2}$$

$$\sum_i \vec{E_i} \cdot \vec{\ell_i} = -\frac{\Delta B \cdot A}{\Delta t} \tag{3}$$

$$\sum_i E_i \cdot A_i = \frac{Q}{\varepsilon_0} \tag{4}$$

$$\sum_i B_i \cdot A_i = 0 \tag{5}$$

### 1.1 This is subsection: Images

You can also *insert* **images** with:
or by:
¡img src=”./sample_image.jpeg” align=”center”¿

#### 1.1.1 This is subsubsection: Listings

The *code blocks* below presents the source code of the converted markdown file:

```
# This is a section: Math

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And this is for !*align!*:

$$
\sum_{i} \vec{B_{i}} \cdot \vec{\ell_{i}} = \mu_{0} \bigg(I + \varepsilon_{0} \frac{\Delta E \cdot A}{\Delta t} \bigg)
\sum_{i} \vec{E_{i}} \cdot \vec{\ell_{i}} = - \frac{\Delta B \cdot A}{\Delta t}
\sum_{i} E_{i} \cdot A_{i} = \frac{Q}{\varepsilon_{0}}
\sum_{i} B_{i} \cdot A_{i} = 0
```

Figure 1: figure

```
$$

## This is subsection: Images

You can also _insert_ **images** with:

![figure](./sample_image.jpeg)

or by:

<img src="./sample_image.jpeg" align="center">

### This is subsubsection: Listings

The !*code blocks!* below presents the source code of the converted markdown file:

\‘\‘\‘
[RECURSION]
\‘\‘\‘

#### This is paragraph

Check [example.tex](./example.tex) for the **LaTeX**, rendition of this markdown file. The output of the command is always placed in ‘./out/‘ by **default**.
```

**This is paragraph** Check ./example.tex for the **LaTeX**, rendition of this markdown file. The output of the command is always placed in `./out/` by **default**.