# Sample kindle sheet

This product of my semester project is basically a copied demo of Petr Olsak's OPmac, which I recommend using with the Kindlify macro.

This open-source sheet should inspire you how to create quality Mathematical notes quickly and simply!

# Contents

# 1 Lists

The lists have to be surrounded by `\begitems` and `\enditems` sequences.

- First item.
- Second item.

  (i) Nested item list,
  (ii) numbered by roman numerals.

- Last item.

## 1.1 Title of Subsection

The subsection text...

# 2 References

There is a numbered equation. The number is auto-generated by `\eqmark` sequence.

$$a^2 + b^2 = c^2 \tag{1}$$

We can refer to Equation (1) on page 3. We can refer to Table 4.1 in Section 4 too. And Figure 5.1 is on page 4.

# 3 Hyperlinks

You can refer to `http://petr.olsak.net` using `\url`. Or use `\ulink` if the raw URL needs to be hidden: OPmac page. The parameter text is colorized and it becomes an active link if the `\hyperlinks` sequence is used at the beginning of the document. Internal links are activated too.

# 4 Tables

The `\table` sequence can be used instead of "low level" `\halign`. The following table is framed by `\frame` sequence in order to get a double frame.

**Table 4.1** Testing table.

| Title A | Title B | Title C |
|---|---|---|
| first | second | third |
| next | text | last |

# 5 Images

The images (PDF, JPG, PNG, TIFF) can be inserted by `\inspic` sequence. The `\label` and `\caption/f` can be added if you need to refer to a figure.

**Figure 5.1** The nonempty ideal of a simple ring – the ring itself.

# 6 Verbatim

In-text verbatim is surrounded by the character declared by `\activettchar` sequence. The listing can be surrounded by `\begtt` and `\endtt` sequences

```
This is verbatim.
  All characters are printed $$, \, # etc.
```

or it can be included by `\verbinput` from external file.

# 7 Math

The Math alphabets `\mit`, `\cal`, `\script`, `\frak`, `\bbchar`, `\bi` are provided. For example:

$$\boldsymbol{A} = \begin{pmatrix} \mathcal{C} & \mathscr{C} \\ \mathfrak{M} & \mathbb{R} \end{pmatrix}.$$

Hundreds of AMS symbols are available: $\lhd, \lrcorner, \boxplus, \Cup, \Cap, \ldots$

# 8 Others

The `\typosize` or `\typoscale` sequences set the size and baselineskip of used fonts (including math fonts). The `\fnote` generates a footnote[1] and `\mnote` generates a margin note. The `\margins` sets margins and paper dimensions. The `\cite` sequence can be used for bibliographic citations. The `\bib` sequence creates one bibliography record. Or you can use `\usebib` for direct access to the `.bib` files. The list of features does not end here...

[1] Like this