Tutorial 2a Exercise Paper

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09/14/17

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1 Introduction

This is introduction. Summary will be given in Section 4.

2 About Linux

Figure 1: Lund University main building

Figure 1 shows a builing of *Lund University*. For more details, check the Lund University Wikipedia page [1].

2.1 Linux Flavors

Table 1 lists some Linux flavors [1].

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[1]Only one is shown for simplicity

Table 1: Different Flavors of Linux

Distribution	RedHat	Debian	SuSE
Fedora 20	X		

3 About Mathematics

In-line math in LaTeX is enclosed in $ symbols. Backslash \ is used to denote special symbols.

Subscipts and superscripts are always math: A_x, A_{xy}, e^x and e^{x^2}. Using underscore _ outside math without \ causes big_troubles.

All special symbols are also math: α, β, γ, δ, , $\hbar$, λ, ... More information can be found in Ref. [2]

Equation 1 shows χ^2.

$$\chi^2 = \sum_i \left(\frac{F_i - D_i}{\sigma_i} \right)^2 \tag{1}$$

4 Summary

We learned the following:

- Linux is good

- LaTeX is good for:

  1. Structuring documents
  2. Writing mathematical equations

We can also write unformatted text using `verbatim` environment, but sometimes we have to specify this in the preamble:

```
\usepackage{verbatim}
```

References

[1] Lund University Wikipedia page: `https://en.wikipedia.org/wiki/Lund_University`

[2] Leslie Lamport,*LaTeX: A document Preparation Sytem*, second edition, Addison-Wesley (1994).