



Topic line of your thesis

Master's thesis

for the qualification towards

Master of Eng.

Faculty of ...

Nelson Mandela University

by

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Abstract

Acknowledgments

Many thanks for all the support of my mom, my dad, sisters, brothers, uncles and so on

. . . and last but not least - don't forget your Promoters

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Nomenclature

Symbols

<i>Symbol</i>	<i>Unit</i>	<i>Meaning</i>
F	N	Force
m	kg	Mass
a	m/s^2	Acceleration

Explanation of abbreviations

Shortcut
CAD

Meaning
Computer Aided Design

1 Chapter

Text¹

1.1 Section

1.1.1 Subsection

Subsubsection

1. Item 1
2. Item 2
3. Item 3
 - Item 3.1
 - Item 3.2
4. Item 4

1.1.2 Pictures

...figure 1.1 shows an example.

¹A footnote

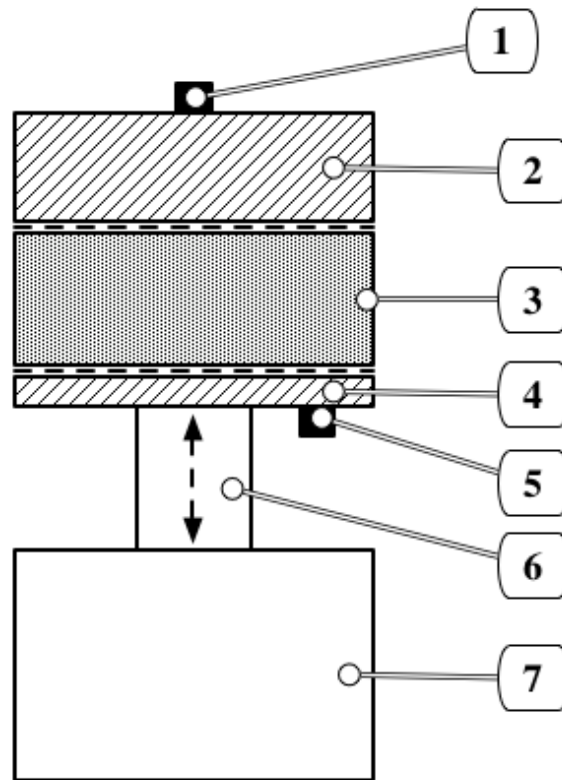


Figure 1.1: Example (?)

1.2 Formulas

1.2.1 Formula displayed in the text

Text $F_{xyz} \cdot P_{vw} = ZZZ$ Text....

1.2.2 Formula displayed in the text

Text $\frac{P_{xy}}{Q_{vw}} = TTT$ Text.....

1.2.3 Formula displayed in the text with nicefrac

Text $\frac{P_{xy}}{Q_{vw}} = TTT$ Text.....

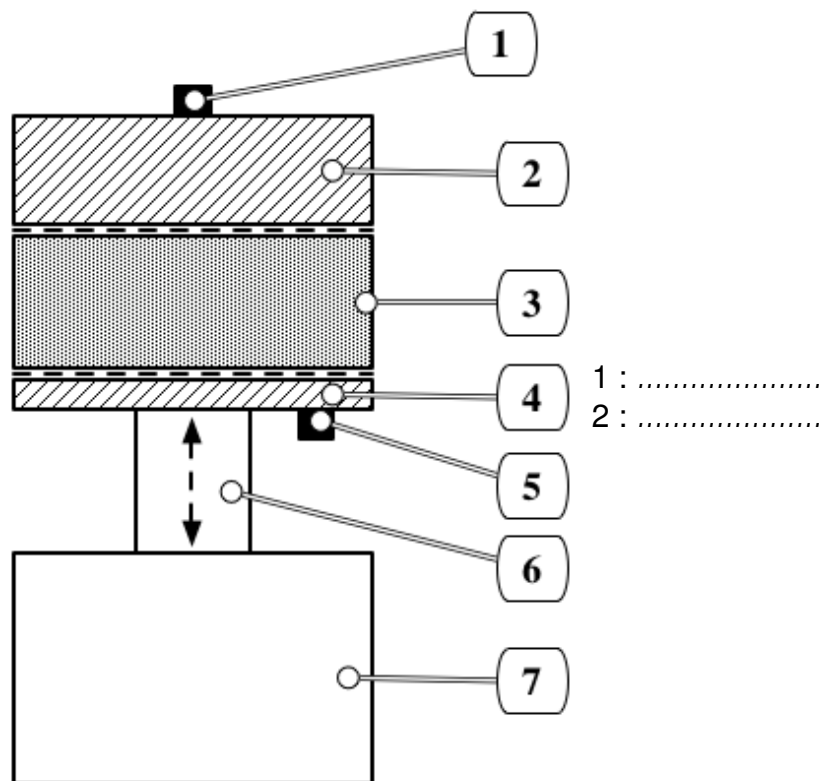


Figure 1.2: Example 2 (?)

1.2.4 Numbered formula with explanation

Please prefer the

`\dfrac`

command. It gets a better layout if you have double mathematical fractions.

$$P_e = \frac{H_U \cdot \rho_L}{\lambda \cdot L_{min} + 1} + \lambda_L \cdot \eta_e \cdot V_H \cdot \frac{T_U}{T_A} \cdot n \quad (1.1)$$

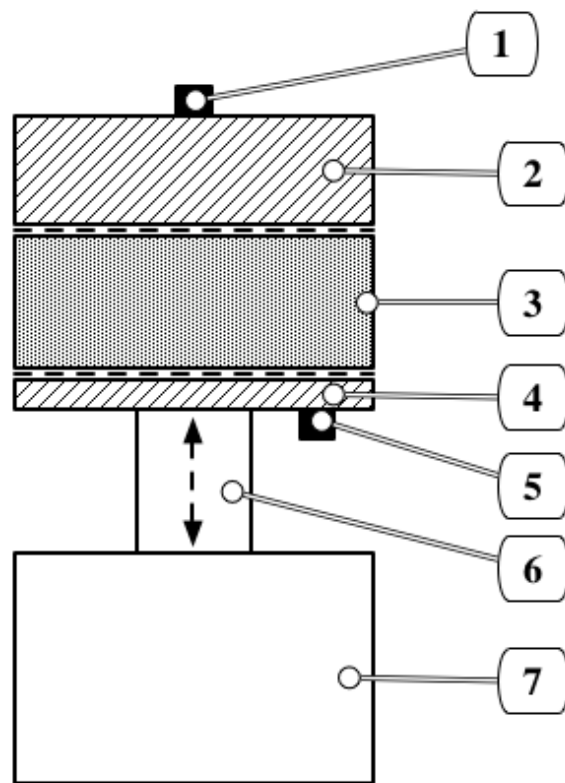


Figure 1.3: Example (assuming wide picture)

1; 2; 3

F	= force	N
m	= mass	kg
a	= acceleration	m/s^2

1.3 Table

Table 1.1: Table

Text	Text	Text
Text	10	40
Text	10	80
Text	10	50
Text	10	100

2 Chapter

... here is your text, pictures ... of chapter 2.

Split the Latex code of your Thesis in chapters, so you keep a better overview about your work.

3 Chapter

3.1 2-D Chart

3.1.1 Any tips

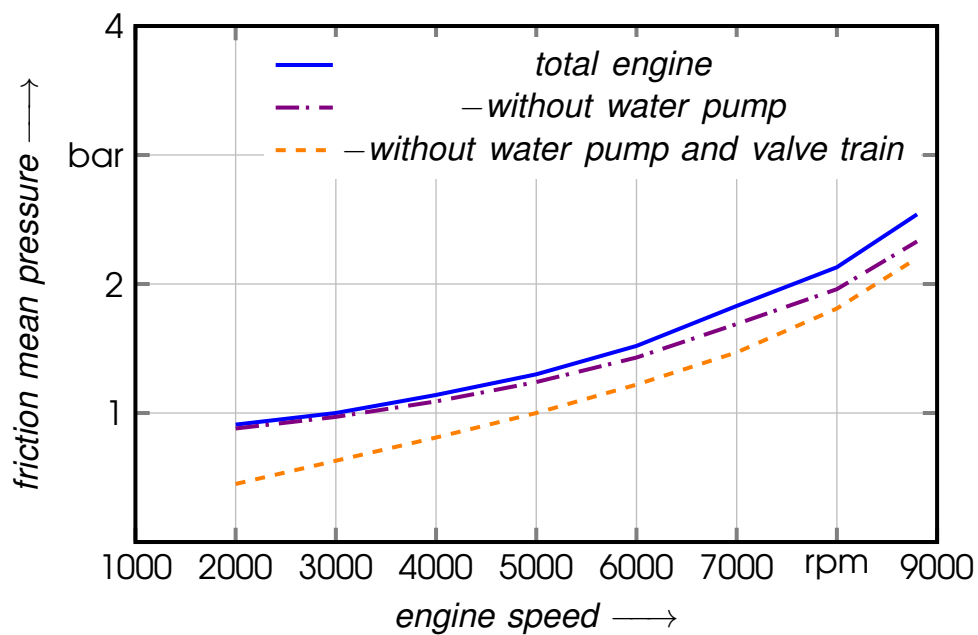


Figure 3.1: A typical 2-D X-Y Chart

1. Please use remarks and comments at your curves because a picture says more than one thousand words – make it readable – we are engineers !
2. Watch that the figures and letters at your chart has the same size and

style as your text. It makes your thesis very consistent, smooth and professional.

3.2 3-D Chart

3.2.1 Advanced tips ...

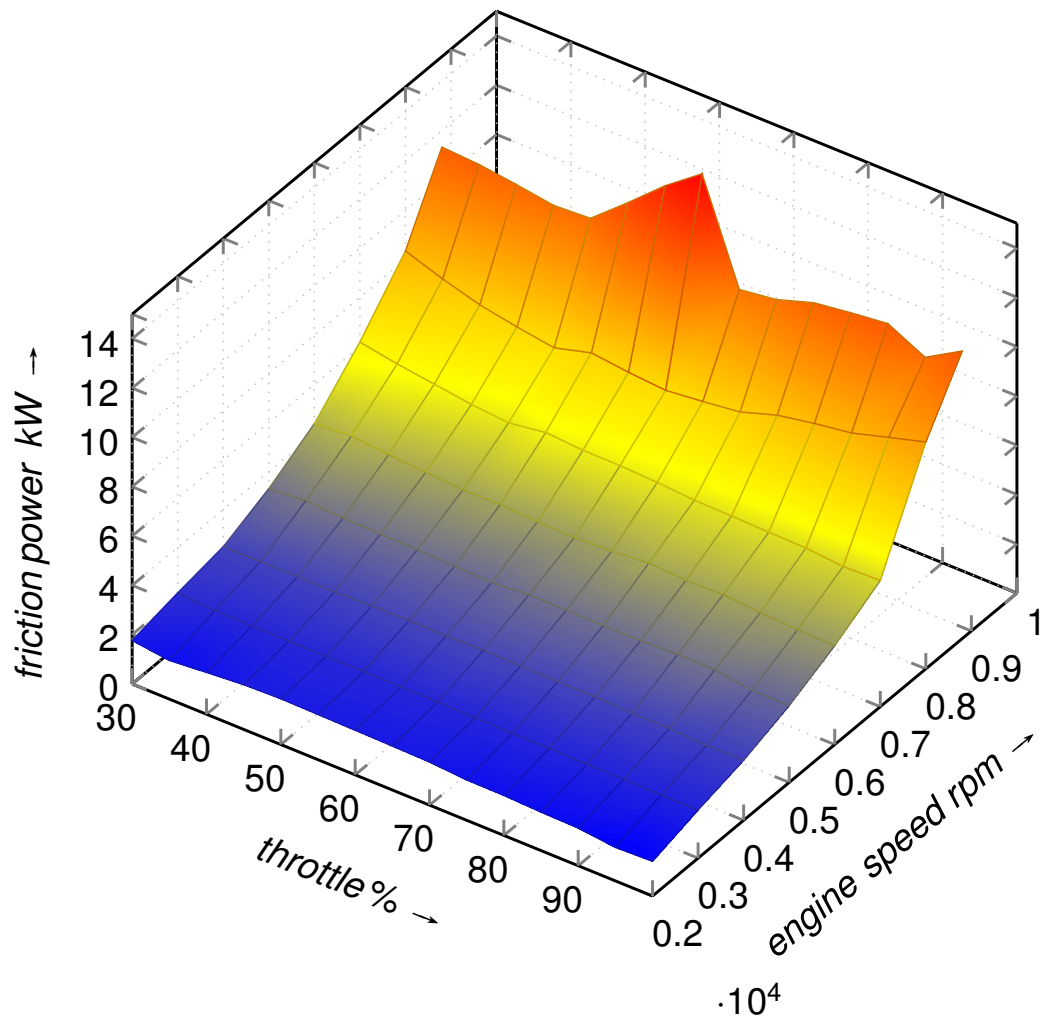


Figure 3.2: A typical 3-D / X-Y-Z Chart

3.3 Pie Chart

A very nice tool to illustrate several values is a pie chart. Please use therefore the

```
\usepackage{pgf-pie}
```

package and put the source in the
`tikzpiktur`
environment.

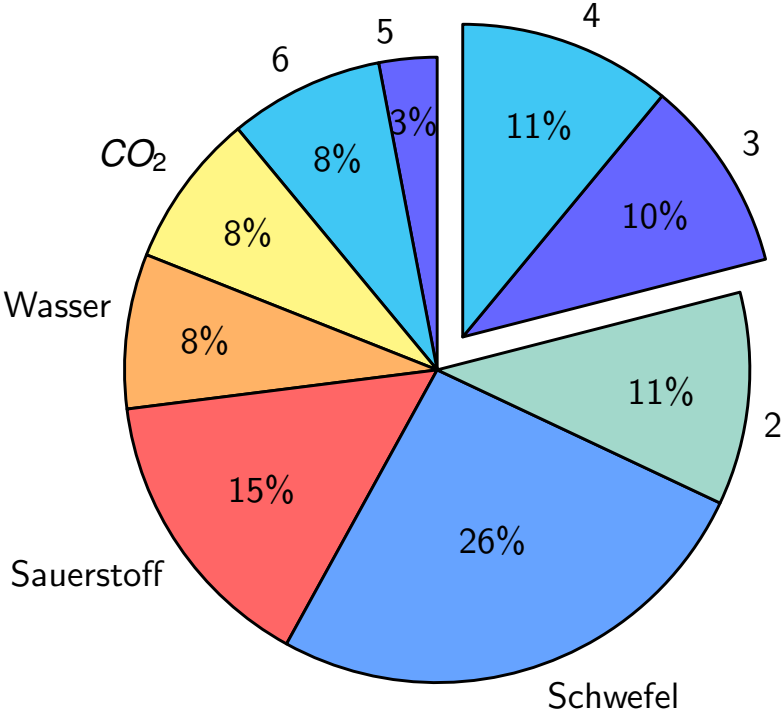


Figure 3.3: A typical pie chart

3.3.1 Pie Chart source code

That's the source for a stand alone pie chart.

```
\documentclass[margin=5mm]{standalone}
\usepackage{pgf-pie}
\usepackage[ngerman]{babel}
\renewcommand{\familydefault}{\sfdefault} %Helvetica als Standardschrift
\usepackage[helvet]{sfmath} %serifenfreie Schrift f\"ur Mathmode
\begin{document}
    \begin{tikzpicture}
\pie[sum=100, rotate =90]
{
3/5,
8/6,
8/\textit{\$CO_{2}\$},
8/Wasser,
15/Sauerstoff,
26/Schwefel,
11/2
}
\begin{scope}[shift=(52.2:4mm)]
\pie[sum=100, rotate =14.4]
{
10/3,
11/4
}
\end{scope}
\end{tikzpicture}
\end{document}
```

