titlehead

Hochschule Hannover
University of Applied Sciences and Arts
-
Fakultät I
Elektro- und Informationstechnik

Subject

Title

Subtitle

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~~01.10.2020~~
October 28, 2020

Versicherung

über selbstständiges Erarbeiten dieses Berichtes

Hiermit bestätigen wir, dass wir die folgende Arbeit unter Berücksichtigung der zur Verfügung gestellten Aufgabenstellung sowie dem Arbeitsmaterial unter Angabe aller verwendeten Quellen selbstständig erarbeitet haben.

Max Mustermann

Mira Musterfrau

Abstract

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Contents

1 Examples

red text and blue text
different subscripts: R_t R_t
using Units: $R = 200\,\mathrm{m\Omega} + 345.675{\times}10^{-3}\,\mathrm{V/m} - 5\,\mathrm{s/m^2}$
some information[Phy20]
german number: $3,5$ english number: 3.5

Fig. 1.1: just a random image

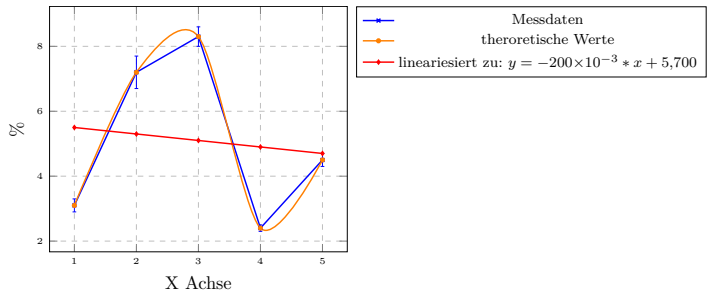
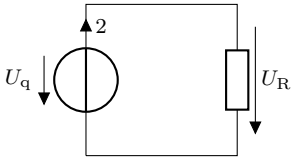
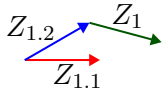


Fig. 1.2: a nice plot



(a) a circuit diagramm



(b) made via Inkscape

Fig. 1.3: using two figures

1.1 demo nested listing

- hallo
  - temp
    - temp
      - temp

1.2 Using formulas

a numberd formula:

$$0,5 = \frac{1}{3} \tag{1.1}$$

Equation 1.1 is nice, but how about multiple lines:

$$\begin{aligned} x &= x^2 + 3 \\ \Leftrightarrow 0 &= x^2 - x + 3 \end{aligned} \tag{1.2}$$

and how could you align formulas?

$$x_1 = 6 \qquad | \text{ mit } x \in \mathbb{N} \tag{1.3}$$

$$\begin{aligned} x_2 &= 33 + \left|\frac{1}{4}\right| && | \; x_1 + 3 \\ &= 33,25 && | \text{ don't number everything} \end{aligned} \tag{1.4}$$

$$x_3 = 10^{22} \tag{1.5}$$

1.3 formating code

use the listings package:

```
#include <stdlib.h>
#include <sdtio.h>

int main(void) {
    printf("Hello World");
    return 0;
}
```

1.4 CSV files

import a csv as table:

A	B	C	D
1	0	3,1	0,2
2	0	7,2	0,5
3	0	8,3	0,3
4	0	2,4	0,1
5	0	4,5	0,2

or do it manualy to get more controll:

Tab. 1.1: a nice list of numbers

first row	second row
number: 1 m	is not 3,1
number: 2 m	is not 7,2
number: 3 m	is not 8,3
number: 4 m	is not 2,4
number: 5 m	is not 4,5

2 attachment

Messprotokoll oder so

Bibliography

[Phy20] Fachschaft Physik. *Laboranleitung für das Physiklabor*. GER. Mar. 1, 2020.

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