



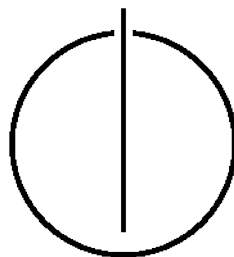
TECHNISCHE UNIVERSITÄT MÜNCHEN

DEPARTMENT OF INFORMATICS

Master's Thesis in Informatics

Vein Viewing System Using Hardware Extension Attached To Smartphones

Bakri Bitar





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Venenbeobachtungssystem mit Hardware-Erweiterung für Smartphones

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I confirm that this master's thesis in informatics is my own work and I have documented all sources and material used.

Munich, 15.11.2018

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Acknowledgments

What is this???

Abbreviations and Acronyms

IR

NIR

LED

Infrared

Near-Infrared

Light Emitting Diode

Abstract

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1 Introduction

1.1 Section

Citation test [**latex**].

1.1.1 Subsection

See Table 2.1, Figure 2.1, Figure 2.2, Figure 2.3.

Table 1.1: An example for a simple table.

A	B	C	D
1	2	1	2
2	3	2	3



Figure 1.1: An example for a simple drawing.

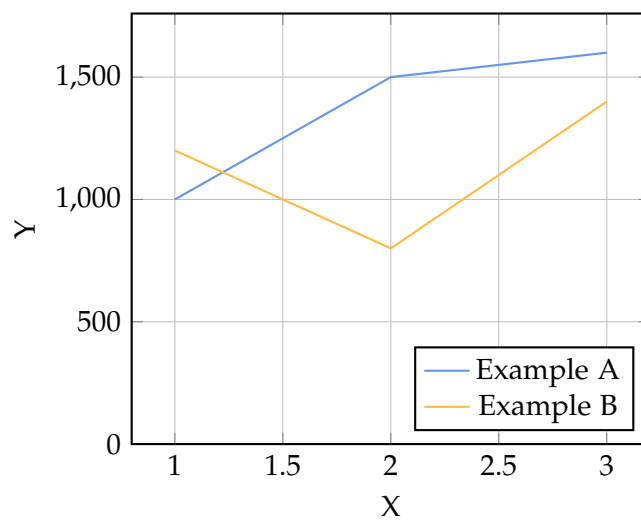


Figure 1.2: An example for a simple plot.

```
SELECT * FROM tbl WHERE tbl.str = "str"
```

Figure 1.3: An example for a source code listing.

2 Skin- and Blood-Light Interaction

2.1 Section

Citation test [latex].

2.1.1 Subsection

See Table 2.1, Figure 2.1, Figure 2.2, Figure 2.3.

Table 2.1: An example for a simple table.

A	B	C	D
1	2	1	2
2	3	2	3

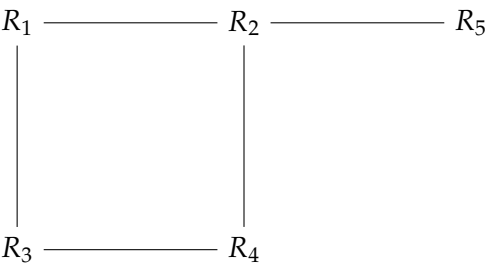


Figure 2.1: An example for a simple drawing.

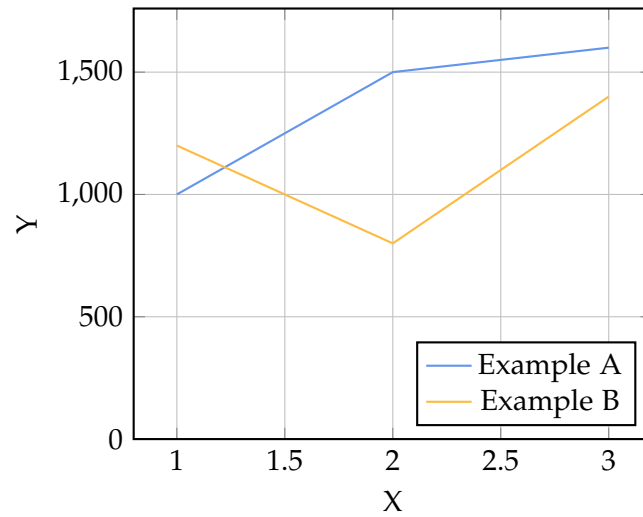


Figure 2.2: An example for a simple plot.

```
SELECT * FROM tbl WHERE tbl.str = "str"
```

Figure 2.3: An example for a source code listing.

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