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**Abstract**

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# Abbreviations and Symbols

# Introduction

Have a look at the PDF Checklist Tips for technical Papers to get hints on how to write a good introduction. The checklist can be found on the lab website.

Splitting this chapter in subchapters with subtitles (see1.1 til 1.4) is not always necessary. Often a clear structure using paragraphs works fine, especially if the subchapters contain only one paragraph or whole introduction is only one page.

## Motivation

"Why do want/have to write this report?

## Objective

## Approach to task

## Structure of report

# Background / Theoretical part (adapt as necessary)

The clear definition and explanation of basic terms and concepts play a decisive role in an academic paper. This is typically done in the second chapter of the thesis. The purpose of this section is to provide the reader with a solid understanding of the key terms that will be used throughout the thesis. Examples are listed in (Zarte & Pechmann, 2022).

In an academic paper, providing clear definitions and explanations of fundamental terms and concepts is crucial. This typically occurs in the second chapter of the work. The purpose of this section is to give the reader a solid understanding of the key terms that will be used throughout the paper.

Example 3 Performance Indicator: “Throughout this manual, the term perfomance measure refers to an indicator used by managmenet to measur, report, and improve performance. These are classed as either a key result indicator, a performance indicator, or a keay performance indicator.” (Parmenter, 2010, p. 14)

In general, learning factories are “processes that are authentic, include multiple stations, and comprise technical as well as organizational aspects (Abele, Metternich, & Tisch, 2019).” The learning factory users operate in a safe learning environment with specific learning goals and strategies (Abele et al., 2015) . Zarte and Pechmann identify that different learning strategies are applied in various ways using physical learning factories for engineering education in manufacturing.(Zarte & Pechmann, 2020)

Please use the APA citation style in the 6th edition. This style is described for both German and English and is also listed in Citavi.

# Practical part

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In Figure 1, the Fischertechnik-warehouse with its white, red and blue products can be seen. The

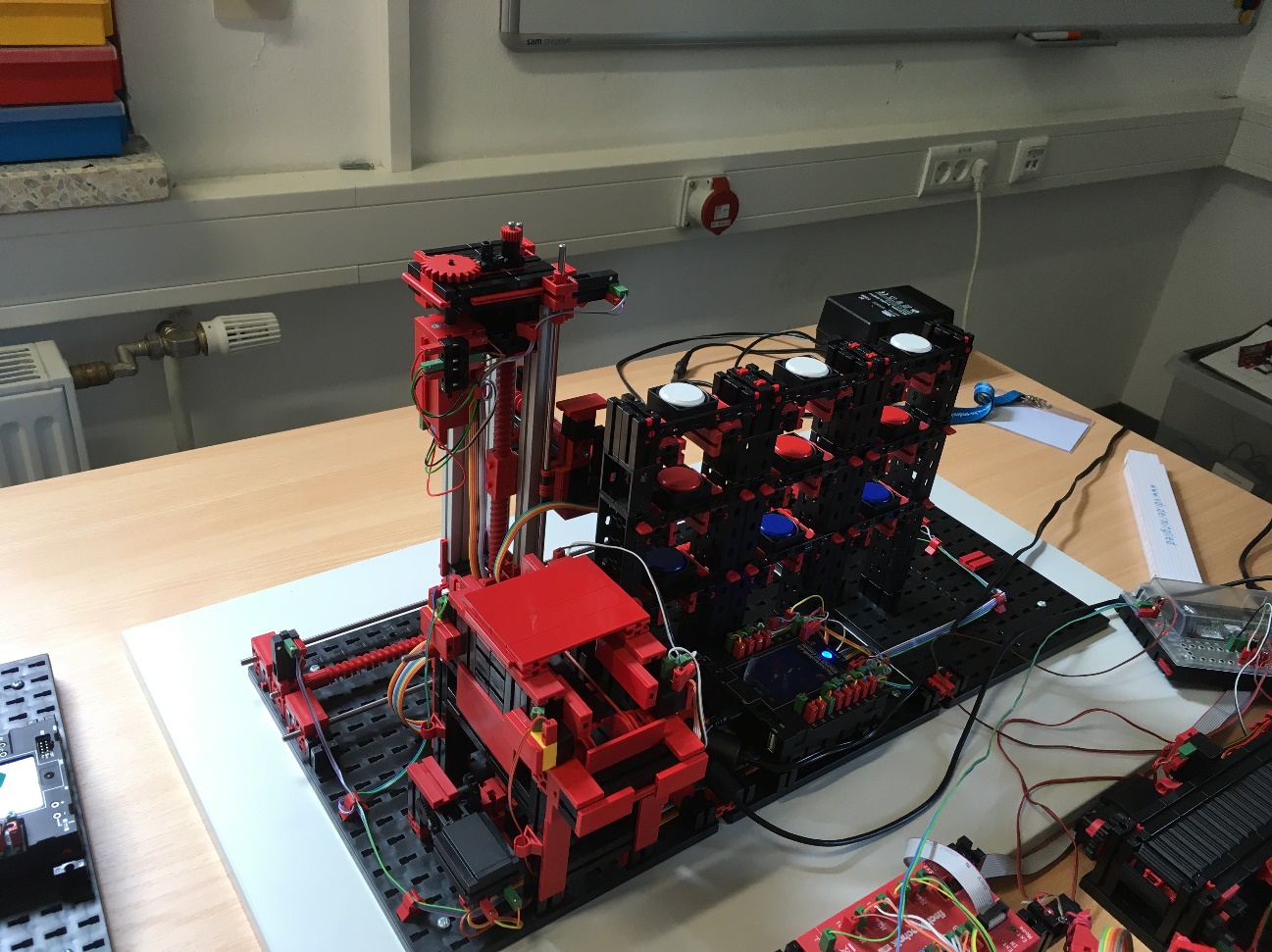


Figure 1: Warehouse-Fischertechnik (own source)

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Figure 2: Engraved pen showing project abbreviation and project (own source)

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# Conclusion and Outlook (adapt as necessary)

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# Appendix