Project Internship

(ProjektPraktikum)

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| Enter English title here  Enter German title here | |
|  | |
| Student: | Xiutao Zhang |
| Matriculation number: | 410763 |
| Supervisor (Company): | Roland Trauter |
| Company: | Daimler Truck |
| Period of internship: | From 03.11.2019 to 30.04.2020 |
|  | |
| March 2020 | |
| **Confirmation of the Company**  We hereby confirm that we have checked and approved the contents of this internship report.  Name and Signature of an authorized representative of the company and stamp of the company[[1]](#footnote-1) | |

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Task Description

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| Task description of the project internship (Projektpraktikum) for Enter name of the student here, Matr. No. Enter matriculation number of the student here |
| Collision Avoidance In Construction Site  Kollisionsvermeidung an der Baustelle |
| *The task description of the project internship, given by the supervisor in the company, has to be inserted in this field (the text has to be formatted with the style "CVT Text"). The fields in the header are adopted from the title page after updating the document. The date at the end of the task has to be inserted manually.* |
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Declaration of authorship

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| I, Xiutao Zhang | | Matr. No. 410763 |
| declare that I have authored this thesis independently, that I have not used other than the declared sources / resources, and that I have explicitly marked all material, which has been cited either literally or indirect from the used sources.  30.04.2020  (Xiutao Zhang) | | |
| Declaration of agreement to plagiarism assessment  The reports to be reviewed are transmitted to the service URKUND, where they are checked for consistency with external sources and permanently stored in the database maintained by URKUND exclusively for the University of Kaiserslautern for the purpose of comparison with future reports to be reviewed. | | |
| I, Xiutao Zhang | Matr. No. 410763 | |
| declare that I agree that the report I have submitted and written, including my personal data, may be permanently stored in the database maintained by URKUND for the University of Kaiserslautern for the purpose of checking internship reports for plagiarism.  The agreement to the permanent storage of the text and the disclosure of personal data is voluntary. The agreement to the storage and use of personal data can be revoked at any time by declaration for the future.  30.04.2020  (Xiutao Zhang) | | |

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List of Abbreviations

|  |  |
| --- | --- |
| CVT | Commercial Vehicle Technology |
| TUK | Technische Universität Kaiserslautern |
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List of Formula Symbols

|  |  |  |
| --- | --- | --- |
| F | Force | N |
| m | Mass | kg |
| a | Acceleration | m/s² |
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# Introduction

(Min. 1 and max. 2 pages).

# Notes on working with the style sheet

The introduction is followed by the main part of the scientific report. Chapters 2 - 4 and the appendix contain notes and examples on how to use the style sheet. The content in these chapters must be removed for your report.

The fields "English title", "German title", "Student", “Matriculation number”, “Supervisor (Company)” and “Period of internship” on the front cover must be filled in. Then, the document has to be updated (mark the whole text "Ctrl + A" and then update with "F9"). Further fields (e. g. header of the task description) will be filled in automatically. In general, the fields to be filled out are red and in the case of fields that are automatically updated, black. Optionally, a logo of the company can be inserted on the front cover. If this option is not used, be sure that the placeholder is not printed (this case can occur with old WORD versions). Furthermore, the current date must be added in the two declarations. Before printing the work, all fields must be updated and checked again.

# Formatting and content

This chapter describes the formatting and other guidelines to write your report.

## General formatting

Use only the font Arial. The heading on the highest level must be formatted with the style "CVT H1" (12pt, bold). A new chapter of the first headline level always starts on a new page. The second level must be formatted with the style "CVT H2" (11pt, bold) and the third level with the style "CVT H3" (11pt, normal). This is the last level that appears in the table of contents. When using subchapters of any headline level, always use at least two subchapters. The fourth headline level must be formatted with the style "CVT H4" (11pt, underlined). More than four levels of headline are not allowed.

Normal text has to be formatted with the style "CVT Text" (11pt, normal, 1.5 times line spacing). Hyphenation should be activated. Formulas and calculations should be written in Arial italics. Formula symbols and abbreviations must be provided with the SI units used.

An introductory text must always be used between two heading levels.

## Bullet points and numerations

For bullet points and numerations the styles "CVT B1", "CVT B2" and " CVT B3" or "CVT

E1", "CVT E2" and "CVT E3" have to be used. When using enumerations, it is important to ensure hierarchical equal ranking in content and form. If whole sentences are used, they are to be set as usual, i.e. the first letter is capitalized and a dot is placed at the end. In the case of bullet points or individual words, no dot may be placed at the end. Before and after bullet points or numbering, a space of 6 pt. must be inserted.

* This is an example for a bullet point of the first level („CVT B1“).
  + This is an example for a bullet point of the second level („CVT B2“).
    - This is an example for a bullet point of the third level („CVT B3“).

1. This is an example for a numeration of the first level („CVT E1“).
   1. This is an example for a numeration of the second level („CVT E2“).
      1. This is an example for a numeration of the third level („CVT E3“).

## Figures and tables

Used figures should be inserted in the highest possible quality. When using figures created in other Microsoft programs, the figures should be inserted as "extended metafiles" (vector graphics). All figures should be formatted with the style "CVT Fig.".

Figures and tables must be mentioned at the correct position in the text. The reference must be linked to the figure or table via a cross-reference in Word (e. g. Figure 3‑1 or Table 3‑1; see also chapter 3.5).



Figure 3‑1: This is an example for a figure

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

Table 3‑1: This is an example for a table

(According to [[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)])

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The labels of figures and tables can be created using the labeling function of Word (see Figure 3‑2).

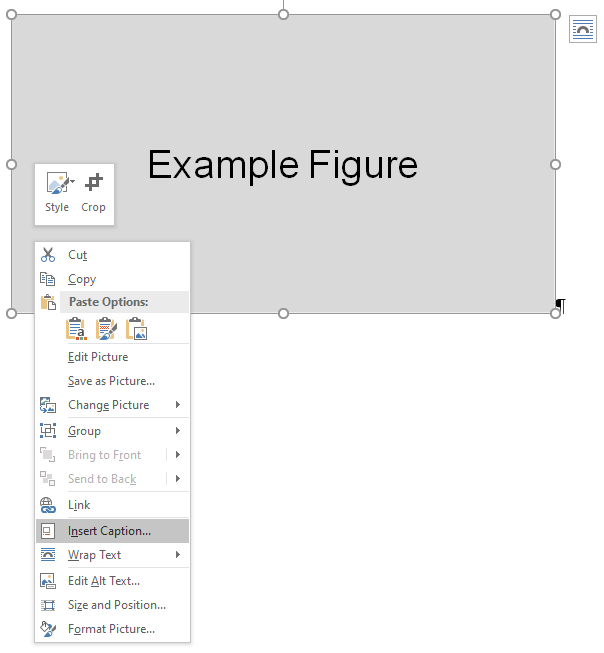


Figure 3‑2: Using the labeling function for figures in Word

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

The label text has to be formulated in a way that it can be understood by itself and has to be formatted with the style "CVT Fig. label" or "CVT Tab. label". A tab stop must be inserted between the figure no. or table no. and the labelling text instead of a space. Sources for figures and tables must always be mentioned, but may not be listed in the list of figures or tables. For this purpose, a „style separator“ must separate the label text and the source (Ctrl + Alt + Enter) (see e. g. Figure 3‑1).

Figures and tables should be created by yourself. Attention should be paid to an attractive and uniform layout. The text in figures and tables should correspond to the style "CVT Text". The font size may be slightly smaller than in the continuous text (but not larger!). The original sources or sources containing the used content should be indicated by the expression "(According to [source])" (see Table 3‑1). Figures from sources must either be cited correctly (compare UrhG § 51; e. g. citations of figures for illustrative purposes are not permitted) or the permission (license) of the copyright owner is required (not necessarily the author, as the rights may have been transferred).

After tables, insert a blank line with the style "CVT Text" (Not for figures!).

References for figures and tables must be inserted according to the scheme presented in chapter 4 in the figure label.

The list of figures and tables is generated automatically (after updating).

## Formulas

Formulas are to be numbered continuously in the text. Analogous to figures and tables, the text must refer to the corresponding formula (see equation (1)).

|  |  |
| --- | --- |
|  | (1) |

The used formula symbols and abbreviations shall be listed alphabetically in the order upper case Latin, lower case Latin, upper case Greek, lower case Greek and, if applicable, sorted by subject groups in the list of formula symbols. The dimensions must be conform to the SI system of units. The list of formula symbols must be created manually.

## Cross references

References in the text to other chapters, figures, tables and formulas must be cross-referenced in the document (see Figure 3‑3 and Figure 3‑4).



Figure 3‑3: Inserting of cross-references in Word (Part 1)

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

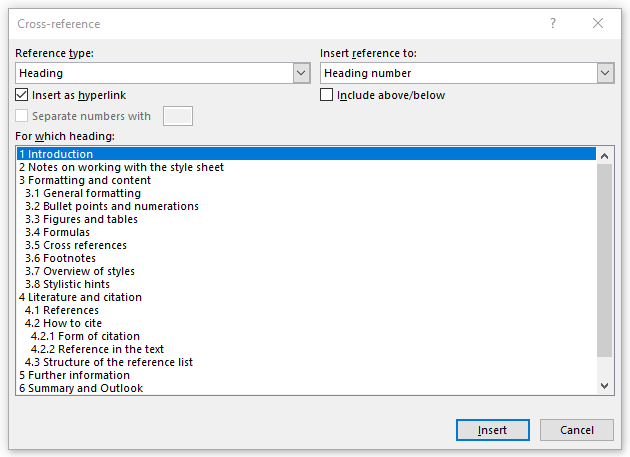


Figure 3‑4: Inserting of cross-references in Word (Part 2)

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

## Footnotes

Footnotes can be used for further annotations to make the text more readable, but they should be used carefully. Footnotes must be created using the footnote function in Word (see Figure 3‑5) [[2]](#footnote-2).

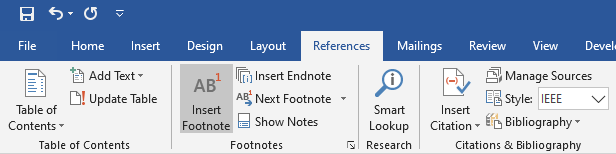


Figure 3‑5: Inserting of footnotes in Word

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

## Overview of styles

Table 3‑2 shows an overview of all possible styles and indicates their intended use.

Table 3‑2: Overview of all available styles

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

| **Name** | **Usage** |
| --- | --- |
| CVT B1 | Bullet list (Level 1) |
| CVT B2 | Bullet list (Level 2) |
| CVT B3 | Bullet list (Level 3) |
| CVT E1 | Enumeration (Level 1) |
| CVT E2 | Enumeration (Level 2) |
| CVT E3 | Enumeration (Level 3) |
| CVT H1 | Headline (Level 1) |
| CVT H2 | Headline (Level 2) |
| CVT H3 | Headline (Level 3) |
| CVT H4 | Headline (Level 4) |
| CVT Appendix H1 | Headline Appendix (Level 1) |
| CVT Appendix H2 | Headline Appendix (Level 2) |
| CVT Appendix H3 | Headline Appendix (Level 3) |
| CVT Project internship | - |
| CVT Fig. | Figures |
| CVT Fig. label | Label of figures |
| CVT Tab. label | Label of tables |
| CVT Text | Text |
| CVT H without No. | Headlines without numeration (e. g. list of figures) |
| CVT H without No.\_NotInTOC | Headlines without numeration, which should not appear in the TOC (Task description, Declaration and TOC) |

## Stylistic hints

* Abbreviations: General abbreviations (for example "e. g.") need not be listed in the list of abbreviations.
* The typographical mistakes of "Widows and orphans" (see [[Dud17](#_CTVL001253c2400f08241bc983787c540ff0978)]) must be avoided. In the continuous text, this is guaranteed by the activated paragraph control in Word. In all other cases this must be observed manually (e. g. for headings).

# Literature and citation

Works in the literary, scientific and artistic domain are protected in Germany by copyright and related rights. All rights (e. g. the right to reproduce and distribute) are owned by the author (but the rights of use may be transferred). However, exceptions have been created for scientific purposes (copyright restrictions). One possibility for this is the right of citation (§51 UrhG). The following chapters describe how to use citations in the text and how the sources have to be referenced. For the requirements for the use of citations, however, please consult § 51 UrhG. The University Library also offers information and various courses on this topic on its homepage. Furthermore, you can learn more about this topic in the seminar “Scientific writing and publishing”.

## References

The used sources have to be mentioned directly after a citation. If possible, the original sources should be cited. No sources should be cited without mentioning them in the text! In general, a numerical reference or a citation key can be used. For your scientific report, you have to use citation keys whose structure is described below.

References in the text are indicated by a citation key, which consists of a name abbreviation and the year of publication, followed by the page number. Both are written in square brackets (e. g. [Kun16a] or [MKS16]). The page number is written inside the square brackets and is separated from the source by a comma (e. g. [[MKS16a](#_CTVL001b63a94de90a34e9890cd57278002b1b1" \o "[MKS16]Müller, Kurt; Kunze, Heinrich; Schmitt, Monika: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.), p. 56]).

Name abbreviation

The structure of the name abbreviation depends on the number of authors (see Table 4‑1). There are special rules for sources without authors, which can be found in Table 4‑2.

Table 4‑1: Author abbreviations

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

|  |  |  |
| --- | --- | --- |
| **Number of authors** | **Example for authors** | **Name abbreviation** |
| 1 | Müller, Kurt | Mül |
| 2 | Müller, Kurt; Kunze, Heinrich | MK |
| 3 | Müller, Kurt; Kunze, Heinrich; Schmitt, Monika | MKS |
| >3 | Müller, Kurt; Kunze, Heinrich; Schmitt, Monika; Adam, Mark | MKS |

Table 4‑2: Special rules for author abbreviations

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

|  |  |  |
| --- | --- | --- |
| **Author** | **Example** | **Name abbreviation** |
| VDI Guidelines | VDI 2221 | VDI |
| DIN Standards | DIN 8580 | DIN |
| ISO Standards | ISO 9001 | ISO |
| EN Standards | EN 60204-1 | EN |
| Patent specification | DE102006013662A1 | DE |

Year of publication

The year of publication must be cited according to Table 4‑3.

Table 4‑3: Year of publication

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

|  |  |  |
| --- | --- | --- |
|  | **Example year** | **Example year of publication** |
| One publication of one author in one year | 2009 | 09 |
| Several publications of one author in the same year | 2009 | 09a, 09b, 09c, … |

## How to cite

### Form of citation

With the citation form, a distinction can be made between a direct and an indirect citation. In the case of a direct citation, the text is taken literally and placed in quotation marks. The following applies:

* Errors of any kind in the cited text must be accepted, but may be indicated by the expression "[sic]" (lat.: sīc erat scriptum, engl.: as it was written) directly after the error.
* The omission of parts from the cited text must be indicated by the expression "[...]".
* Direct citations should only be used for important statements or definitions.

In the case of an indirect citation, the content of the cited text must be reproduced in your own words (paraphrase). When mentioning the authors in the text, only the first author with the addition “et al.” should be mentioned. (e. g. „Müller et al. verified that… “ [[MKS16a](#_CTVL001b63a94de90a34e9890cd57278002b1b1" \o "[MKS16]Müller, Kurt; Kunze, Heinrich; Schmitt, Monika: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.), p. 25]).

In general, the indirect citation is preferable. For both forms of citation, the source must always be mentioned.

### Reference in the text

If the source refers to a sentence, the source is located within the sentence (e. g. „Text [[MKS16a](#_CTVL001b63a94de90a34e9890cd57278002b1b1" \o "[MKS16]Müller, Kurt; Kunze, Heinrich; Schmitt, Monika: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)].“). However, if the source refers to a whole paragraph, the source is written at the end of the paragraph (e. g. „Text. [MKS16]“).

Several sources must be indicated within square brackets and separated by a semicolon (e. g. [[MKS16a](#_CTVL001b63a94de90a34e9890cd57278002b1b1" \o "[MKS16]Müller, Kurt; Kunze, Heinrich; Schmitt, Monika: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.); [Mül16d](#_CTVL001d011b957c51f4bd7910632a49ff92a98" \o "[Mül16]Müller, Kurt: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]).

Important statements in the work must always be supported by several sources. The primary sources, i.e. the original sources and non-recited citations, must be used.

## Structure of the reference list

In the reference list, the references mentioned in the text are listed in alphabetical order of the citation key. Here a distinction is made between the document types shown in Table 4‑4.

Table 4‑4: Different types of literature

[[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.)]

| **Document types** | **Example** |
| --- | --- |
| Book (monograph), 1 author | [[Mül16d](#_CTVL001d011b957c51f4bd7910632a49ff92a98" \o "[Mül16]Müller, Kurt: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.), p. 15] |
| Book (monograph), 2 authors | [[MK16](#_CTVL001e64e2b70126a4ecaa267d56ce2ea7933" \o "[MK16]Müller, Kurt; Kunze, Heinrich: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.), p. 14-20] |
| Book (monograph), 3 authors | [[MKS16a](#_CTVL001b63a94de90a34e9890cd57278002b1b1" \o "[MKS16]Müller, Kurt; Kunze, Heinrich; Schmitt, Monika: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.), p. 2-3] |
| Book (monograph), >3 authors | [[MKS16b](#_CTVL0018a646d34e77849bf80e30afef9cf7772" \o "[MKS16]Müller, Kurt; Kunze, Heinrich; Schmitt, Monika; Klein, Manfred: Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.), p. 2-3] |
| Edited Book (to be avoided) | [[Mül16c](#_CTVL0010d15640224bd416683550c4fde579fee" \o "[Mül16]Müller, Kurt (Hrsg): Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, 2016.), p. 44-46] |
| Chapter in an edited Book | [[Kun16a](#_CTVL0017f9eddde7d7e450eb77d85ea3655d0dc" \o "[Kun16]Kunze, Heinrich: Mustertitel. In: Müller, Kurt (Hrsg): Mustertitel - Musteruntertitel. X. Auflage, Musterort: Musterverlag, XY - XY, 2016.), p.1-5] |
| Website | [[Mül16a](#_CTVL001ae362dea7ebe4612b3b1a6b57e5af804" \o "[Mül16]Müller, Kurt: Mustertitel - Musteruntertitel. URL: http://www.musterinternetseite.de - 03.06.2016.)] |
| Conference presentation or paper (without conference proceedings, otherwise like a chapter in an edited book) | [[Mül16e](#_CTVL0012dbbb12d28964ec4a8978a7c284fc12f" \o "[Mül16]Müller, Kurt: Mustertitel - Musteruntertitel. Musterkonferenz XY, Musterort, 2016.), p.45] |
| Dissertation (thesis) | [[Mül16f](#_CTVL001ac135d76d7fc4587a8800081295e89a0" \o "[Mül16]Müller, Kurt: Mustertitel - Musteruntertitel. Dissertation, Musterhochschule, Musterort, 2016.), p.78] |
| Journal article | [[Mül16b](#_CTVL001a49eea604b5d4413ac6abb0c8c2cd97c" \o "[Mül16]Müller, Kurt: Mustertitel - Musteruntertitel. In: Musterzeitschrift, XXX (2016), YY, XY-XY.), p.7-8] |
| Standards and guidelines | [[VDI93](#_CTVL001ab859f76c6124d25b071762f5894633d" \o "[VDI93]VDIRichtlinie, 2221: Methodik zum Entwickeln und Konstruieren technischer Systeme und Produkte. Berlin: Beuth-Verlag, 1993.), p.4] |
| Gray literature (to be avoided) | [[Mül16g](#_CTVL001c1979c349a5642798c97008465ef8291" \o "[Mül16]Müller, Kurt: Mustertitel - Musteruntertitel. Musterinstitution, Musterort, 2016.), p.25] |
| Personal communication | [[Kun16b](#_CTVL001a356a74d89714e048082df46ed742f42" \o "[Kun16] Kunze, Heinrich: Mustertitel. Im Gespräch mit Müller, Kurt. Musterort 01.01.2016.), p.9] |
| Patent | [[Kun17](#_CTVL0019408c32f071343d8851309bbbdd18c42" \o "[Kun17]Kunze, Heinrich: Beispielpatent. Erfinder: Müller, Kurt. Anmeldedatum: 01.01.2017, DE000000000000A1, 01.06.2017.), p.5] |

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# Further information

Further information about the project internship (Projektpraktikum) and the scientific report can be found in the OLAT course of the Graduate School CVT.

# Summary and Outlook

(Max. 4 pages).

# References

[Dud17] Duden: Duden Online Wörterbuch. URL: http://www.duden.de/ - 16.05.2017.

[Kun16a] Kunze, Heinrich: Example\_Title. In: Müller, Kurt (ed.): Example\_Title - Example\_Subtitle. X. edition, Example\_place: Example\_publisher, pp - pp, 2016.

[Kun16b] Kunze, Heinrich: Example\_Title. Personal Communication with Müller, Kurt. Example\_place, 01.01.2016.

[Kun17] Kunze, Heinrich: Example\_Patent\_title. Inventor: Müller, Kurt. Date: 01.01.2017, DE000000000000A1, 01.06.2017.

[MK16] Müller, Kurt; Kunze, Heinrich: Example\_Title - Example\_Subtitle. X. edition, Example\_place: Example\_publisher, 2016.

[MKS16a] Müller, Kurt; Kunze, Heinrich; Schmitt, Monika: Example\_Title - Example\_Subtitle. X. edition, Example\_place: Example\_publisher, 2016.

[MKS16b] Müller, Kurt; Kunze, Heinrich; Schmitt, Monika; Klein, Manfred: Example\_Title - Example\_Subtitle. X. edition, Example\_place: Example\_publisher, 2016.

[Mül16a] Müller, Kurt: Example\_Title - Example\_Subtitle. URL: http://www.example\_url.de - 03.06.2016.

[Mül16b] Müller, Kurt: Example\_Title - Example\_Subtitle. In: Example\_journal, Example\_ Volume (2016), Example\_issue\_number, pp-pp.

[Mül16c] Müller, Kurt (Hrsg): Example\_Title - Example\_Subtitle. X. edition, Example\_place: Example\_publisher, 2016.

[Mül16d] Müller, Kurt: Example\_Title - Example\_Subtitle. X. edition, Example\_place: Example\_publisher, 2016.

[Mül16e] Müller, Kurt: Example\_Title - Example\_Subtitle. Example\_conference, Example\_place, 2016.

[Mül16f] Müller, Kurt: Example\_Title - Example\_Subtitle. Dissertation, Example\_university, Example\_place, 2016.

[Mül16g] Müller, Kurt: Example\_Title - Example\_Subtitle. Example\_institution, Example\_place, 2016.

[VDI93] VDI Guideline 2221 Part 1: Design of technical products and systems. Berlin: Beuth-Verlag, 2019.

1. Appendix Example 1

The headings of the Appendix shall be created using the styles "CVT Appendix H1", "CVT Appendix H2" and " CVT Appendix H3". The figures and tables shall be numbered according to the scheme "A-1, A-2, A-3, B-4, B-5, B-6 etc.". Due to the different numbering of the figures and tables in the appendix, the headings may not be inserted as in the previous part of this report, but must be copied from the following examples. Otherwise, this will result in incorrect representations.

* 1. Appendix Example
     1. Appendix Example

Table A‑1: Table 1 in appendix A

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Figure A‑1: Figure 1 in appendix A

Table A‑2: Table 2 in appendix A

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Figure A‑2: Figure 2 in appendix A

* + 1. Appendix Example
  1. Appendix Example

1. Appendix Example 2



Figure B‑3: Figure 1 in appendix B

Table B‑3: Table 1 in appendix B

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Figure B‑4: Figure 2 in appendix B

Table B‑4: Table 2 in appendix B

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1. Appendix Example 3

Table C‑5: Table 1 in appendix C

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Figure C‑5: Figure 1 in appendix C

Table C‑6: Table 2 in appendix C

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