Error - Can Not Find Font "XCharter"

Please install the required font "XCharter". For instructions see the [Readme of this package](#).

TUDa Thesis With Typst

Title German
Master thesis by Albert Author
Date of submission: October 04, 2042

1. Review: SuperSupervisor 1
2. Review: SuperSupervisor 2
Darmstadt

TECHNISCHE
UNIVERSITÄT
DARMSTADT

field of study:
Some Field of Study

Institute ABC

Erklärung zur Abschlussarbeit gemäß § 22 Abs. 7 APB TU Darmstadt

A. Author

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-
-
-

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$$x + y\frac{a+b}{2}$$

Align:

$$x + y^2 \neq 27 \sum_{n=0}^{N} e^{i \cdot \pi \cdot n}$$

s.t. bc

$$\begin{pmatrix} 1 & 3 \\ 3 & 4 \end{pmatrix}^T = \alpha \begin{pmatrix} x & y \\ x_2 & y_2 \end{pmatrix}^T$$

$$\underbrace{\mathcal{B} \geq B}_{\text{This is fancy!}}$$

$$
\begin{aligned}
x &= y^2 + 12 \quad \text{(This does A)} \\
y &= z/2 = \frac{z}{2} \quad \text{(This does B)}
\end{aligned}
\tag{1}
$$

$$
\begin{aligned}
a &= \text{with line number} \tag{2.1} \\
b &= \text{no line number} \\
b &= \text{with line number} \tag{2.2}
\end{aligned}
$$

1.5.1 Math in Latex

```
#import "@preview/mitex:0.1.0": *
```

```
mitex(`
\begin{pmatrix}
  \dot{r}_x + \omega r_x - \omega p_x
\\
  \dot{r}_x - \omega r_x + \omega p_x
\end{pmatrix}
=
\begin{pmatrix}
  +\omega \xi_x - \omega p_x \\
  -\omega s_x + \omega p_x
\end{pmatrix}
`)
```

$$\begin{pmatrix} \dot{r}_x + \omega r_x - \omega p_x \\ \dot{r}_x - \omega r_x + \omega p_x \end{pmatrix} = \begin{pmatrix} +\omega \xi_x - \omega p_x \\ -\omega s_x + \omega p_x \end{pmatrix}$$

1.5.2 ~~Adjust Equation spacing~~
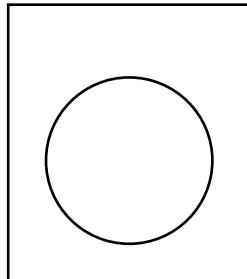
```
#show math.equation: set block(spacing: 0.1em) // does not work!
```

| $x^2 = y^2$	$x^2 = y^2$

1.6 Another Section
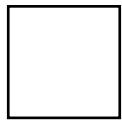
Figure 1.2: This is a figure

2 Usage of this Template

main.typREADME.md

```
#import "templates/tuda-typst-templates/templates/tudapub/tudapub.typ": tudapub

#show: tudapub.with(
  title: [
    My Thesis
  ],
  author: "My Name",
  accentcolor: "3d"
)

= My First Chapter
Some Text
```

2.1 Template Options

templates/tudapub/tudapub.typ

```
#show: tudapub.with(
  title: [Title],
  title_german: [Title German],

  // Adds an abstract page after the title page with the corresponding content.
  // E.g. abstract: [My abstract text...]
  abstract: none,

  // "master" or "bachelor" thesis
```

```
thesis_type: "master",

// The code of the accentcolor.
// A list of all available accentcolors is in the list tuda_colors
accentcolor: "9c",

// Size of the main text font
fontsize: 10.909pt, //11pt,

// Currently just a4 is supported
paper: "a4",

// Author name as text, e.g "Albert Author"
author: "An Author",

// Date of submission as string
date_of_submission: datetime(
  year: 2023,
  month: 10,
  day: 4,
),

location: "Darmstadt",

// array of the names of the reviewers
reviewer_names: ("SuperSupervisor 1", "SuperSupervisor 2"),

// language for correct hyphenation
language: "en",

// Set the margins of the content pages.
// The title page is not affected by this.
// Some example margins are defined in 'common/props.typ':
//  - tud_page_margin_small  // same as title page margin
//  - tud_page_margin_big
// E.g.   margin: (
//   top: 30mm,
//   left: 31.5mm,
//   right: 31.5mm,
//   bottom: 56mm
```

```
// ),
margin: tud_page_margin_big,

// tuda logo - has to be a svg. E.g. image("PATH/TO/LOGO")
logo_tuda: image("logos/tuda_logo.svg"),

// optional sub-logo of an institute.
// E.g. image("logos/iasLogo.jpeg")
logo_institute: none,

// How to set the size of the optional sub-logo
// either "width": use tud_logo_width*(2/3)
// or      "height": use tud_logo_height*(2/3)
logo_institute_sizeing_type: "width",

// Move the optional sub-logo horizontally
logo_institute_offset_right: 0mm,

// An additional white box with content e.g. the institute, ... below the tud
logo.
// Disable it by setting its value to none.
// E.g. logo_sub_content_text: [ Institute A \ filed of study: \ B]
logo_sub_content_text: [
  field of study: \
  Some Field of Study \
  \
  Institute A
],


// The bibliography created with the bibliography(...) function.
// When this is not none a references section will appear at the end of the
document.
// E.g. bib: bibliography("my_references.bib")
bib: none,


// Add an English translation to the "Erklärung zur Abschlussarbeit".
thesis_statement_pursuant_include_english_translation: false,
```

```
// Which pages to insert
// Pages can be disabled individually.
show_pages: (
  title_page: true,
  outline_table_of_contents: true,
  // "Erklärung zur Abschlussarbeit"
  thesis_statement_pursuant: true
),


// Insert additional pages directly after the title page.
// E.g. additional_pages_after_title_page: [
//   = Notes
//   #pagebreak()
//   = Another Page
// ]
additional_pages_after_title_page: none,

// Insert additional pages directly after the title page.
// E.g. additional_pages_after_title_page: [
//   = Notes
//   #pagebreak()
//   = Another Page
// ]
additional_pages_before_outline_table_of_contents: none,

// Insert additional pages directly after the title page.
// E.g. additional_pages_after_title_page: [
//   = Notes
//   #pagebreak()
//   = Another Page
// ]
additional_pages_after_outline_table_of_contents: none,


// For headings with a height level than this number no number will be shown.
// The heading with the lowest level has level 1.
// Note that the numbers of the first two levels will always be shown.
```

```
  heading_numbering_max_level: 3,


  // In the outline the max heading level will be shown.
  // The heading with the lowest level has level 1.
  outline_table_of_contents_max_level: 3,


  // Set space above the heading to zero if it's the first element on a page.
  // This is currently implemented as a hack (check the y pos of the heading).
  // Thus when you experience compilation problems (slow, no convergence) set
this to false.
  reduce_heading_space_when_first_on_page: false,



  // How the table of contents outline is displayed.
  // Either "adapted":   use the default typst outline and adapt the style
  // or     "rewritten": use own custom outline implementation which better
reproduces the look of the original latex template.
  //                     Note that this may be less stable than "adapted", thus
when you notice visual problems with the outline switch to "adapted".
  outline_table_of_contents_style: "rewritten",

  // Use own rewritten footnote display implementation.
  // This may be less stable than the built-in footnote display impl.
  // Thus when having problems with the rendering of footnote disable this
option.
  footnote_rewritten_fix_alignment: true,

  // When footnote_rewritten_fix_alignment is true, add a hanging intent to
multiline footnotes.
  footnote_rewritten_fix_alignment_hanging_indent: true,

  // Use 'Roboto Slab' instead of 'Robot' font for figure captions.
  figure_caption_font_roboto_slab: true,

  // Figures have the numbering <chapter-nr>.<figure-nr>
  figure_numbering_per_chapter: true,

  // Equations have the numbering <chapter-nr>.<equation-nr>
  // @todo This seems to increase the equation number in steps of 2 instead of
one
```

```
    equation_numbering_per_chapter: false,
)
```

2.2 TUDa Accent Color List

accentcolor

3 Glossary

Bibliography