

A first RPTU \LaTeX Presentation

with the new RPTU Kaiserslautern-Landau Corporate Design

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Overview

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 - Blocks
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Theme Options

Available options I

`\usetheme[options]{rptu}`

| Option | Description |
|--|---|
| <code>frametotal=true false</code> | Show Hide total number of slides |
| <code>displayframetotal</code> | Show total number of slide |
| <code>hideframetotal</code> | Hide total number of slide |
| <code>dunkelblau hellblau</code> <code>rot orange</code> | Set color scheme of presentation (dunkelblau is default) |
| <code>dunkelgruen hellgruen</code> <code>blaugrau gruengrau</code> <code>violett pink</code> | Each line defines a colorscheme, you specify which is the main color and which is the secondary color |

Defaults are the descriptions written in **bold**.

Available options II

`\usetheme[options]{rptu}`

| Option | Description |
|------------------------------------|--|
| <code>navigation=true false</code> | Show Hide navigation in headline |
| <code>displaynavigation</code> | Show navigation in headline |
| <code>hidenavigation</code> | Hide navigation in headline |
| <code>compress</code> | equivalent to beamer's compress |
| <code>institute=true false</code> | Show Hide short institute in footline |
| <code>displayinstitute</code> | Show short institute in footline |
| <code>hideinstitute</code> | Hide short institute in footline |
| <code>redhattext=true false</code> | Use Do not use the Red Hat Text Font (only tested with LuaLaTeX) |
| <code>ownlogo=true false</code> | Use Do not use a user specified logo (instead of default) |

Defaults are the descriptions written in **bold**.

- ▶ When using `navigation=true` you should use the option `compress` to obtain a single line for the navigation symbols. Otherwise each subsection has its own line. The complete navigation might not fit on the slide.
- ▶ If `institute=true` the `\institute` is used to set the name of department/institute/affiliation both in the footline and on the title page:
`\institute[name in footline]{name on title page}`
- ▶ This presentation uses the options `dunkelblau`, `displayinstitute`, `displaynavigation`, `compress`, `displayframetotal`
- ▶ Use `\documentclass[aspectratio=169]{beamer}` for getting a 16:9 aspect ratio instead of 4:3

Using Red Hat Text

- ▶ Make sure that the 'static' versions of the font are installed on your computer
- ▶ We use `RedHatText-Regular`, `RedHatText-Italic`, `RedHatText-SemiBold`, `RedHatText-SemiBoldItalic`. The corresponding individual `.ttf` files need to be available.
- ▶ Use `LuaLaTeX` or `Xetex`, otherwise the default font is used instead of Red Hat Text

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Elements of a Frame

Basic Block

`block`

Alert Block

`alertblock` (always in `rptured/rptuorange`)

Example Block

`exampleblock` (always in `rptudunkelgruen/rptuhellgruen`)

Definition (Probability Space)

definition

Theorem (Bayes' Theorem)

Theorem

Example

Here goes an example

Proof.

And a proof.



And more columns

Type 1

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat.

Type 2

Sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

Type 3

Sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum.

A RPTU Design Box

```
\begin{rptu-twocolors}  
text  
\end{rptu-twocolors}
```

```
\begin{rptu-onecolor}  
text  
\end{rptu-onecolor}
```

Sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Sed diam voluptua.¹ At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

¹ here goes a footnote

Footnotes

What happens with mutiple footnotes?

Sed diam voluptua. At vero eos et accusam et justo duo dolores² et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Sed diam voluptua.³ At vero eos et accusam et justo duo dolores et ea rebum.

Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.⁴

²some footnote

³here goes a footnote

⁴even a third footnote

An example for a plain slide.

A frame without a title but not plain

Itemize and Enumerate Environments

- ▶ one
 - ▶ item one one
 - ▶ item one two
- ▶ two

1. one
2. two
 - 2.1 enumerate with subitem

3

Math

There Is No Largest Prime Number

The proof uses *reductio ad absurdum*.

Theorem

There is no largest prime number.

There Is No Largest Prime Number

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Theorem

There is no largest prime number.

Proof.

1. Suppose p were the largest prime number.



There Is No Largest Prime Number

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There is no largest prime number.

Proof.

1. Suppose p were the largest prime number.
2. Let q be the product of the first p numbers.
3. Then $q + 1$ is not divisible by any of them.



There Is No Largest Prime Number

The proof uses *reductio ad absurdum*.

Theorem

There is no largest prime number.

Proof.

1. Suppose p were the largest prime number.
2. Let q be the product of the first p numbers.
3. Then $q + 1$ is not divisible by any of them.
4. But $q + 1$ is greater than 1, thus divisible by some prime number not in the first p numbers.



4

Images and Figures
and the current subsection

Include Images

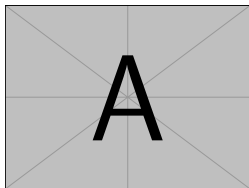


Figure: Image A

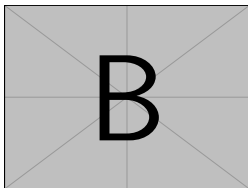


Figure: Image B

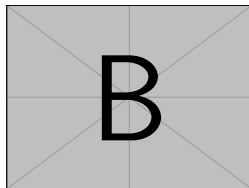
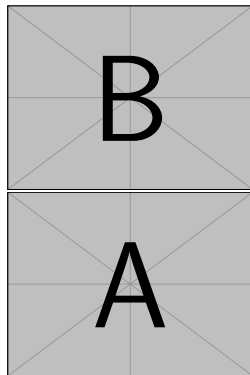
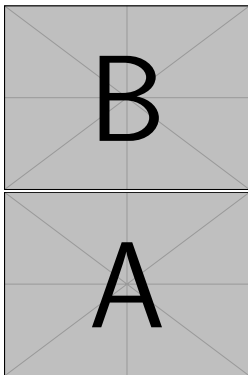
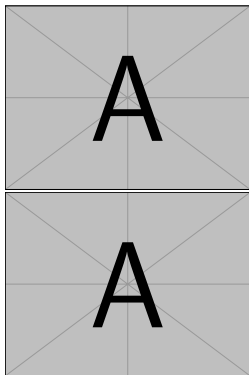


Figure: Image C

Include Images

Two rows of images



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Other Macros
and another subsection name

- ▶ Exclude certain slides from the navigation bar (if it is shown)

This frame is not taken into account for the navigation.
We used `\navigationexclude` before this slide.

Neither is this one.

Or this.

But this frame is in the navigation again.
We used `\navigationinclude` before this slide.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi.
Morbi auctor lorem non justo. Nam lacus libero, pretium at,
lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed
accumsan bibendum, erat ligula aliquet magna, vitae ornare
odio metus a mi. Morbi ac orci et nisl hendrerit mollis.
Suspendisse ut massa. Cras nec ante. Pellentesque a nulla.
Cum sociis natoque penatibus et magnis dis parturient montes,
nascetur ridiculus mus. Aliquam tincidunt urna. Nulla
ullamcorper vestibulum turpis. Pellentesque cursus luctus
mauris. Nulla malesuada porttitor diam. Donec felis erat,
congue non, volutpat at, tincidunt tristique, libero. Vivamus
viverra fermentum felis. Donec nonummy pellentesque ante.
Phasellus adipiscing semper elit. Proin fermentum massa ac
quam. Sed diam turpis, molestie vitae, placerat a, molestie nec,
leo. Maecenas lacinia.
And one more line.
And another one.