Title

Subtitle

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Institute

Supervisors:	Supervisor
	Second Supervisor
Examiners:	Examiner
	Second Examiner

Navigation and Presentation Commands

Navigation and Presentation Commands

Sections

You can divide the document using

`\section{Parte}`

This way, only the sections belonging to the current part are shown in the sidebar.

Alert

This presentation is divided into sections: take a look at the sidebar to see the effect.

Navigation and Presentation Commands

Overlays

With the command

\pause

only part of the slide is shown,

With the command

```
\pause
```

only part of the slide is shown, and as you proceed, the rest appears.
Check out the behaviour of the progress bar!
With

```
\only<3,4>{Topic}
```

the content is shown only on slide repetitions number 3 and 4. You can
customize on which slide numbers the content appears:

Pause

C

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Multimedia

Environments

New commands

PGF and
Tikzpicture

With the command

\pause

only part of the slide is shown, and as you proceed, the rest appears.
Check out the behaviour of the progress bar!
With

\only<3,4>{Topic}

the content is shown only on slide repetitions number 3 and 4. You can
customize on which slide numbers the content appears:
This is the third repetition...

With the command

\pause

only part of the slide is shown, and as you proceed, the rest appears.
Check out the behaviour of the progress bar!
With

\only<3,4>{Topic}

the content is shown only on slide repetitions number 3 and 4. You can
customize on which slide numbers the content appears:

And this is the fourth one!

With

\onslide<3>{Content}

when the content is not shown, it still leaves blank space where it would
appear:
This is the first repetition…

C

With

\onslide<3>{Content}

when the content is not shown, it still leaves blank space where it would appear:

And this is the second one!
This concept can also be applied to graphical effects - for example:

\textbf<5>{Text}

We can achieve the same effects within a limited area using

```
\begin{overlayarea}{\textwidth}{3cm}
  \only<1>{First repetition}
  \only<2>{Second repetition}
\end{overlayarea}
```

First repetition

We can achieve the same effects within a limited area using

```
\begin{overlayarea}{\textwidth}{3cm}
  \only<1>{First repetition}
  \only<2>{Second repetition}
\end{overlayarea}
```

Second repetition

Navigation and Presentation Commands

Blocks

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Blocks

C

```
\begin{block}{Normal block}Text\end{block}
```

Normal block
Text

```
\begin{alertblock}{Alert block}Text\end{alertblock}
```

Alert block
Text

```
\begin{exampleblock}{Example block}Text\end{exampleblock}
```
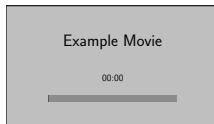
Example block
Text

Multimedia

With

```
\embedvideo*{\includegraphics[scale=.25]
    {AuxiliaryFiles/Videos/Test.mp4}}{Label}
```

we can insert a video.

Example Movie

00:00

Alert

It does not work with pause commands, and as far as I know, Overleaf does not
support videos; Adobe Acrobat is fine to use this feature
Only modify the video filename 'Test.mp4' and the options inside the square brackets

Environments

Theorem

Statement

Proof Proof text □

Proposition

Statement

Lemma

Statement

Corollary

Statement

Definition

Text

Example

Text

Remark

Text

Description

Label 1   Text

Label 2   Text

Itemize

⋄   Text
⋄   Text

Environments

Hyperlinks, Citations, URLs

A hyperlink is created with

\label{Label}

and referenced with

\ref{Label}

A citation to a book in the bibliography is made with

\cite{LabelBook}

To insert a link, you can use

\url{https://www.google.com}

Environments

The "column" environment

To break text into multiple columns (or, for example, to position an image), you can use a command like this:

```
\begin{columns}[T]
\column{.5\textwidth}Test1
\column{.5\textwidth}Test2
\end{columns}
```

Test1   Test2

If used with the option below, a column can be made to appear only on certain slides:

```
\begin{columns}<1>[T]
\column{.5\textwidth}Test1     \column{.5\textwidth}
\end{columns}
\begin{columns}<2>[T]
\column{.5\textwidth}                \column{.5\textwidth}Test2
\end{columns}
\begin{columns}<3>[T]
\column{.5\textwidth}Test1     \column{.5\textwidth}Test2
\end{columns}
```

Test1

The "column" environment (second part)

If used with the option below, a column can be made to appear only on certain slides:

```
\begin{columns}<1>[T]
\column{.5\textwidth}Test1      \column{.5\textwidth}
\end{columns}
\begin{columns}<2>[T]
\column{.5\textwidth}           \column{.5\textwidth}Test2
\end{columns}
\begin{columns}<3>[T]
\column{.5\textwidth}Test1      \column{.5\textwidth}Test2
\end{columns}
```

Test2

If used with the option below, a column can be made to appear only on certain slides:

```
\begin{columns}<1>[T]
\column{.5\textwidth}Test1      \column{.5\textwidth}
\end{columns}
\begin{columns}<2>[T]
\column{.5\textwidth}           \column{.5\textwidth}Test2
\end{columns}
\begin{columns}<3>[T]
\column{.5\textwidth}Test1      \column{.5\textwidth}Test2
\end{columns}
```

Test1   Test2

New commands

New commands

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PGF and
Tikzpicture

The various commands presented in my other templates (book, article) compatible with Beamer can be used. A list of these commands is provided in those other templates, which can be found at the following link:
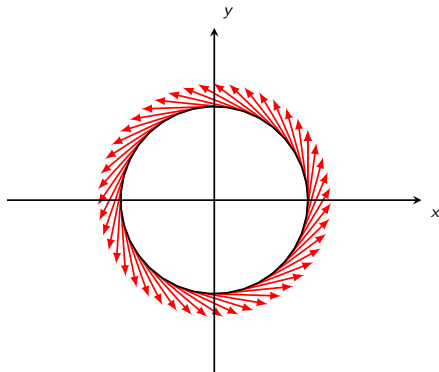
https://mattiapuddu25.github.io/index.html
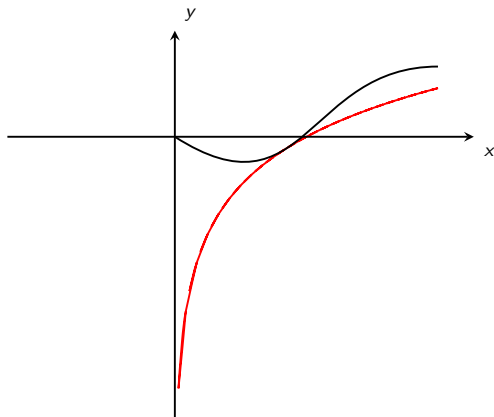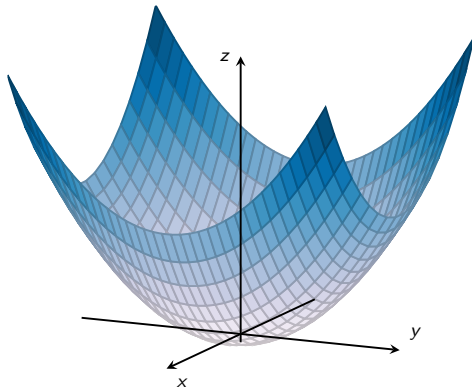
PGF and Tikzpicture

As with commands, graphs can also be created in Beamer using pgfplots and TikZ. Here I present some examples (different from those I included in the book and Beamer templates):

Figure 1. Parametrizations

Figure 2. Interpolation and paths

Figure 3. 3D Surfaces

Thanks for your attention!

Backup Slide