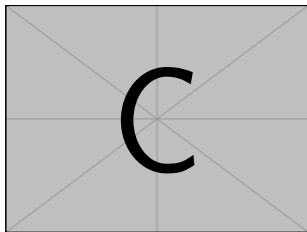# Title

Subtitle

Mattia Puddu
mattiapuddu@icloud.com

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,

Pause

C

Navigation and
Presentation
Commands

Sections
Overlays
Blocks

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:

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…

Pause (second part)

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

Navigation and
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Commands

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Tikzpicture

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}
```
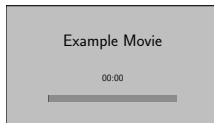
Example block
Text

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

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

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
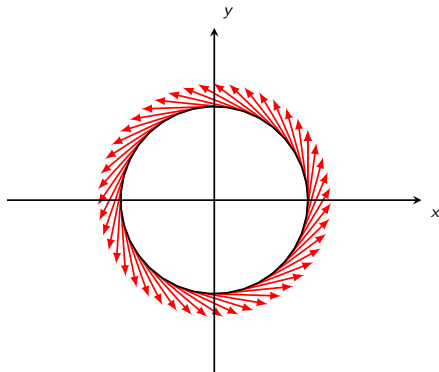in the book and Beamer templates):
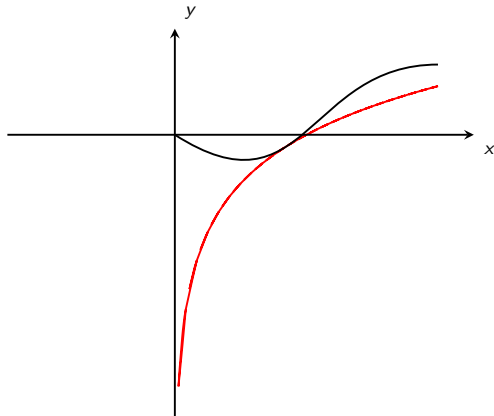
Figure 1. Parametrizations
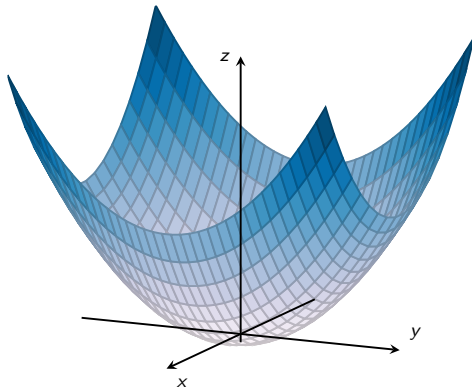
Figure 2. Interpolation and paths

Figure 3. 3D Surfaces

Thanks for your attention!

Backup Slide