

Title

Subtitle

Mattia Puddu

mattiapuddu@icloud.com

Institute

Supervisors: Supervisor

Second Supervisor

Examiners: Examiner

Second Examiner

Commands

Navigation and Presentation

Navigation and Presentation Commands

Sections

Overlays Blocks

Multimedia

Environment

New comman

PGF and Tikzpictu

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

Pause



Commands
Sections
Overlays

Multimedia

Environment

New comman

PGF and Tikzpictu With the command

\pause

only part of the slide is shown,

Environments

New comma

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:

Environments

Now commar

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...

Environments

New comma

PGF and Tikzpicture With the command

\pause

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:

only part of the slide is shown, and as you proceed, the rest appears.

Check out the behaviour of the progress bar!

And this is the fourth one!

Pause (second part)



Commands
Sections
Overlays
Blocks

Multimedia

Navigation and

Environments

New comman

PGF and Tikzpictu With

\onslide<3>{Content}

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

This is the first repetition...

Environmen

Now comma

PGF and Tikzpicture

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}

Navigation a Presentation Commands Sections Overlays Blocks

Multimedia

Environments

Na... aanamaa

PGF and Tikzpicture 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

Pause (third part)

Navigation and Presentation Commands Sections Overlays Blocks

Multimedia

Environments

New comman

PGF and Tikzpicture

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

Blocks



Presentatio Commands Sections Overlays Blocks

Navigation and

Multimedia

Environment

Name against

PGF and

 $\verb|\block|{Normal block}|Text\end{block}|$

Normal block

Text

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

Alert block

Text

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

Example block

Text

Environments

New commands

PGF and Tikzpicture

With

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

we can insert a video.

Example Movie

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

Theorems, Proofs, Propositions, Lemmas, Corollaries Navigation and Commands Multimedia Theorem Environments Statement Hyperlinks. Citations, URLs The "column" **Proof** Proof text New commands PGF and **Proposition** Tikzpicture Statement Lemma Statement **Corollary** Statement

Definitions, Examples, Remarks



Commands

Multimedia

Environments

Description, Itemi

Navigation and

Citations, URLs
The "column"
environment

New commands

PGF and

Definition

Text

Example

Text

Remark

Text

Description, Itemize



Multimedia

Environments Description, Itemize

Navigation and

Citations, URLs The "column" environment

New commands

PGF and

Description

Label 1 Text

Label 2 Text

Itemize

- Text
- Text

Environments

Hyperlinks, Citations, URLs

Hyperlinks

Commands

Multimedia

Navigation and

Environments

Hyperlinks, Citations, URLs The "column"

New commands

PGF and Tikzpicture

A hyperlink is created with

\label{Label}

and referenced with

\ref{Label}

Environments

Hyperlinks,

Citations, URLs
The "column"

New commands

PGF and Tikzpicture

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

Navigation and

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

\begin{columns}<1>[T]

Multimedia

Environments

Hyperlinks, Citations, URLs

environment

New commands

BCE .

PGF and Tikzpicture

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

```
\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}
```

Environments

Hyperlinks, Citations, URLs

The "column" environment

New commands

BCE and

PGF and Tikzpicture

```
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}
```

The "column" environment (second part)

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

\column{.5\textwidth}

\column{.5\textwidth}Test2

\column{.5\textwidth}Test2

Commands Multimedia

Environments Hyperlinks.

Navigation and

Citations IIRIs

New commands

PGF and Tikzpicture

\end{columns}

slides.

\begin{columns}<1>[T] \column{.5\textwidth}Test1

\begin{columns}<2>[T]

\column{.5\textwidth}

\begin{columns}<3>[T] \column{.5\textwidth}Test1

\end{columns}

\end{columns}

Test1

New commands

Navigation and

Multimedia

Environments

New commands

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

Environments

PGF and

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):

PGF and Tikzpicture (second part)

 \mathfrak{C}

Multimedi

Environment

New command

PGF and Tikzpicture

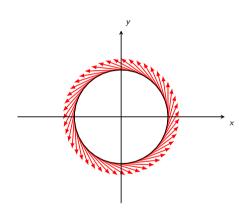


Figure 1. Parametrizations

Presentation Commands

PGF and Tikzpicture

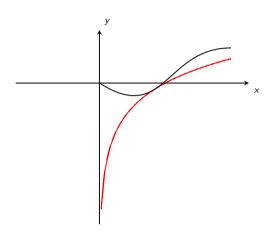


Figure 2. Interpolation and paths

Navigation and Presentation Commands

Multimedia

Environment

PGF and Tikzpicture

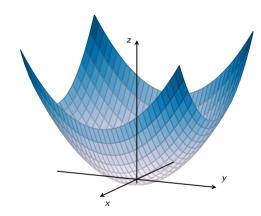


Figure 3. 3D Surfaces

Thanks for your attention!

Backup

C

Backup Slide