UNAM LaTeX Beamer Theme

A subtitle

Tepexic

Facultad de Algo

05 de Mayo, 2112

VNIVERSIDAD NACIONAL AVTÓNOMA DE MEXICO

Table of contents

VNIVERSIDAD NACIONAL AVTÞNOMA DE MEXICO

Table of contents áéíóúñü

VNIVERSIDAD NACIONAL AVTÓNOMA DE MEXICO

What is this?

LaTeX Beamer Theme

- The main prupose of this theme is to provide a nice theme for Beamer, in the case you don't want to use the default ones.
- The name comes from the National Autonomous University of Mexico (UNAM)
- Other themes are named after locations of Universities or conferences

How to use the theme

- Install Beamer
- Read the Beamer documentation
  - Beamer doc on CTAN
  - Quick start

Configuring the theme

- Beamer themes can be configured with options between [and]
  - `\usetheme[options=values]{unam}`
- If you do not specify any option, you get
  - Simple title page
  - Watermark theme

Theme options (I)

- `titlepagelogo = route/file.ext`
  - Provides the crest for the fancy title page.
  - The default file is `unamlogo.pdf/eps`.
- `fancytitlepage = true/false`
  - `fancytitlepage = true` provides a fancy title page
  - `fancytitlepage = false` provides a plain title page
- `sidebartheme = true/false`
  - `sidebartheme = true` provides a sidebar theme, no watermark
  - `sidebartheme = false` provides a watermark theme, with navigation on the header

Fancy title page

- A fancy title page can be enabled with the `fancytitlepage = true` option
- You can put a logo in the title page, just pass the file name using the `titlepagelogo = route/file.ext` option.
- Remember to use a **plain** and **top-aligned** frame when using fancy title pages:

```
\begin{frame}[t,plain]
\titlepage
\end{frame}
```

Sidebar theme

- `sidebartheme = true`
- This theme has the crest on the left sidebar, and also includes navigation.
- Institute, date, author and pages are on the footer.
- When this option is set to `false`, a watermark theme is used.

VNIVERSIDAD NACIONAL AVTÓNOMA DE MEXICO

Table of contents áéíóúñü

Frame Title

Theorem

There is no largest prime number.

Frame Title

Proof.

1. Suppose p were the largest prime number.

Frame Title

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1. Suppose p were the largest prime number.
2. Let q be the product of the first p numbers.

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

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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. □

VNIVERSIDAD NACIONAL AVTÓNOMA DE MEXICO

Frame Title

Theme usage

Theme features

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Frame Title (I)

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$$\bar{x} = \frac{1}{n}\sum_{i=1}^{i=n} x_i = \frac{x_1 + x_2 + \ldots + x_n}{n}$$

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$$\int_0^\infty e^{-\alpha x^2}\mathrm{d}x = \frac{1}{2}\sqrt{\int_{-\infty}^{\infty} e^{-\alpha x^2}\mathrm{d}x \int_{-\infty}^{\infty} e^{-\alpha y^2}\mathrm{d}y} = \frac{1}{2}\sqrt{\frac{\pi}{\alpha}}$$

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Table of contents áéíóúñü

Frame Title

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VNIVERSIDAD NACIONAL AVTÓNOMA DE MEXICO

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