

L^AT_EX Beamer introduction

Quick-start guide

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Python Code

in Beamer

The following Python code adds two numbers and display the result using `print()` function:

Isso é uma label

```
1 import functools
2
3 from functools import lru_cache
4
5
6 @lru_cache(None)
7 def func(x, y):
8     """This is a docstring
9     Attr:
10         Name (str): Nome da pessoa
11     Args:
12         Name (str): Nome da pessoa
13
14     Returns:
15         (int): Idade"""
16     if x < 0:
17         raise ValueError()
18     return x + 2.0 * y
19
20
21 class A:
22     def __init__(self, x, y):
23         self.x = x # This is a useless comment
24         self.y = y
25
26     def say_hello(self):
27         print(f"Hello, world\nx = {self.x}\ny = {self.y}")
28
29
```

```
#!/bin/bash
```

```
echo the $# parameter did not destroy pygments syntax highl
```

Font size in Beamer (default)

This is tiny font size

This is scriptsize font size

This is footnotesize font size

This is small font size

This is normalsize font size

This is large font size

This is Large font size

This is LARGE font size

This is huge font size

This is Huge font size

⌚⌚ Slanted and small caps text

This is small caps text and this is slanted text.

You can combine them, to produce small caps slanted text but also bold small caps or underlined slanted text.

This is emphasized and this is also emphasized, although in a different way.

Let \mathbf{u} , \mathbf{v} be vectors and \mathbf{A} be a matrix such that $\mathbf{A}\mathbf{u} = \mathbf{v}$. This is a bold integral:

$$\mathcal{R}_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi}$$

Text decorations provided by the ulem package

Underlined that breaks at the end of lines if they are too too long because the author won't stop writing.

Double-Underlined text

Wavy-Underlined text

~~Strikethrough text~~

~~Struck with Matching text~~

Dashed Underline text

Dotted Underline text

⌞ Basic Blocks

Standard Block

This is a standard block.

Alert Message

This block presents alert message.

An example of typesetting tool

Example: MS Word, L^AT_EX

⌋⌋ Mathematical Environment Blocks

Definition

This is a definition.

Theorem

This is a theorem.

Lemma

This is a proof idea.

Mathematical Environment Blocks-Continued

Proof.

This is a proof.



Corollary

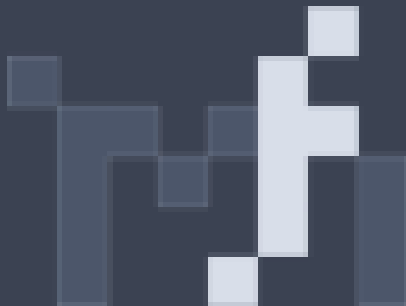
This is a corollary

Example

This is an example

Vertical line between columns

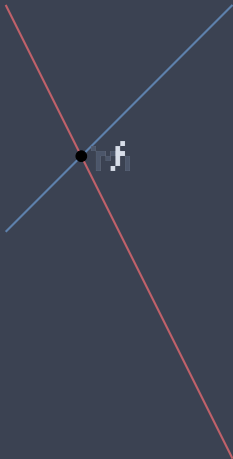
- * Input layer: 2 neurons.
- * Hidden layer: 5 neurons.
- * Output layer: 2 neurons.



Defined Colors

This is a subtitle

Polar Night	NordDarkBlack	
	NordMediumBlack	NordBrightBlack
Snow Storm	NordWhite	NordBrightestWhite
	NordBrightestWhite	
Frost	NordCyan	NordBrightCyan
	NordBlue	NordBrightBlue
Aurora	NordRed	NordOrange
	NordYellow	NordGreen
	NordMagenta	




```
#!/bin/bash

declare -i number
number=0

while read line
do
    if [ "${line}" != "" ]
    then
        number=$((number + 1))
    fi
done < ${0}

echo "${number}"
```

This is your first presentation!

This is your first presentation!

Upright *Italic Slanted*

This is your first presentation!

Upright *Italic Slanted*

This is your first presentation!

Upright *Italic Slanted*

SMALL CAPITALS

