

# Beamer Theme

Zhibo Wang

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# Outline

## Introduction

## Beamer Basic

Highlight

Other Environments

## Beamer More

Split Screen

Table

## Conclusion

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## Beamer Basic

Highlight

Other Environments

## Beamer More

Split Screen

Table

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# Latex and Beamer

LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation.

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LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation.

Beamer is a LaTeX class to create powerful, flexible and nice-looking presentations and slides.

The beamer class is focussed on producing (on-screen) presentations, along with support material such as handouts and speaker notes.

# Outline

Introduction

**Beamer Basic**

Highlight

Other Environments

Beamer More

Split Screen

Table

Conclusion



# Block and Alert

## Pythagorean theorem

$$a^2 + b^2 = c^2$$

where  $c$  represents the length of the hypotenuse and  $a$  and  $b$  the lengths of the triangle's other two sides.

## Remark

- ▶ the environment above is **block**
- ▶ the environment here is **alertblock**

**Highlight** these words are highlighted by `\alert`.

# Proof

Pythagorean theorem

$$a^2 + b^2 = c^2$$

Proof.

$$3^2 + 4^2 = 5^2$$

$$5^2 + 12^2 = 13^2$$







# Algorithm

**Data:** this text

**Result:** how to write algorithm with  $\text{\LaTeX}2\text{e}$  initialization;

**while** *not at end of this document* **do**

| read current;

| **if** *understand* **then**

| | go to next section;

| | current section becomes this one;

| **else**

| | go back to the beginning of current section;

| **end**

**end**

**Algorithm 1:** How to write algorithms (copied from here)

# More

More environments such as

- ▶ Definition
- ▶ lemma
- ▶ corollary
- ▶ example

# Outline

Introduction

Beamer Basic

Highlight

Other Environments

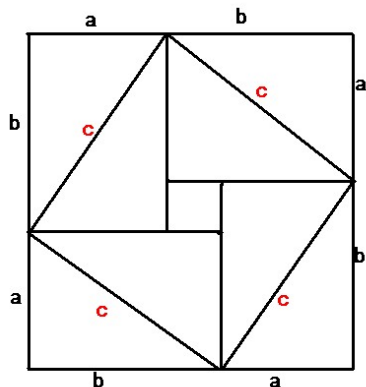
**Beamer More**

Split Screen

Table

Conclusion

# Minipage



- ▶ item
- ▶ another
- ▶ more
  1. first
  2. second
  3. third

# Columns

This is a text in first column.

$$E = mc^2$$

- ▶ First item
- ▶ Second item

first block

columns achieves splitting the screen

second block

stack block in columns

# Create Tables

first	second	third
1	2	3
4	5	6
7	8	9

# Outline

Introduction

Beamer Basic

Highlight

Other Environments

Beamer More

Split Screen

Table

Conclusion

# End

This document just aims to test styles in beamer.