

# Beamer Theme

Zhibo Wang

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# Outline

1. Introduction
2. Beamer Basic
  - Hightlight
  - Other Environments
3. Beamer More
  - Split Screen
  - Table
4. Conclusion

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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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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.

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# 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`

# 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  $\text{\LaTeX}$ 2e  
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

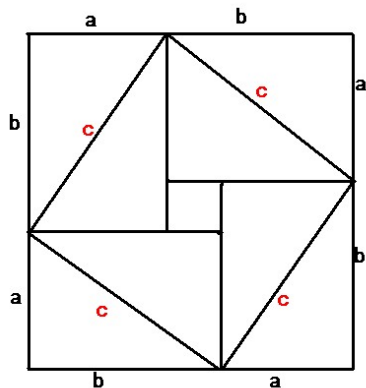
More environments such as

- Definition
- lemma
- corollary
- example

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# Minipage



- 1 item
- 2 another
- 3 more
  - first
  - second
  - 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

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# End

The last page.