

# Beamer

№7

2026-02-08

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— LaTeX, beamer,  
LaTeX.

a0poster : a0poster, beamerposter, tikzposter.

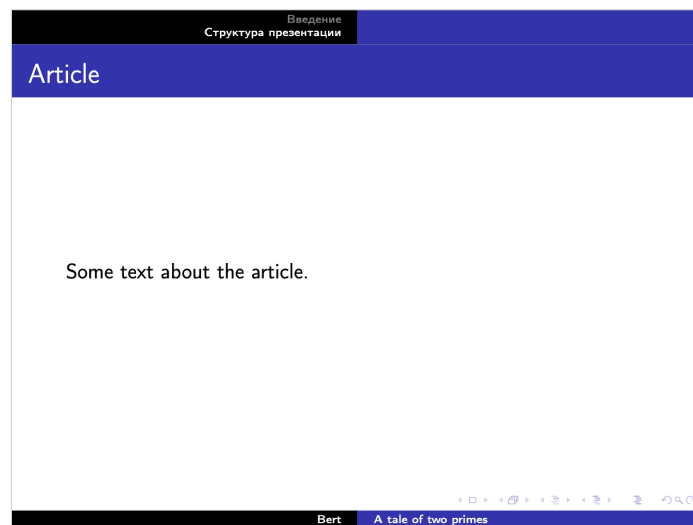
```

3 \documentclass{beamer}
9 \usetheme{Copenhagen}
0 \author{Bert}
1 \title{A tale of two primes}
2   \begin{center}
3
4   \end{center}
5

```

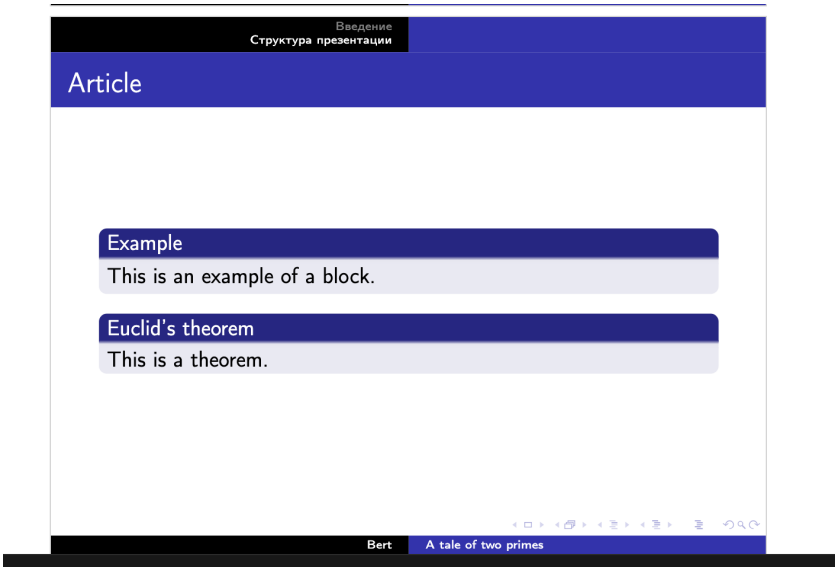
1:

frame,



2:

— Beamer, , :



3:

, , \pause.  
.

Uncover

\uncover , \pause. \uncov \uncover align.  
 , .. \uncover<1-> .  
\uncover<10-> . ,  
\uncover<1->. , \uncover<1-3> ,  
, \itemize ,  
, :

Layout

Beamer Copenhagen. Beamer. .

Definition

This is a definition.

Bert

A tale of two primes

Введение

Структура презентации

Паузы

Article

Definition

This is a definition.

Euclid's theorem

This is a theorem.

4: pause

Title

1 Element

Bert

A tale of two primes

Введение

Структура презентации

Паузы

Title

1 Element

2 Element

5: pause

The derivative of  $f(x) = g(x) \cdot h(x)$ , with  $g(x) = x^2$  and  $h(x) = \sin(x)$  equals

$$f'(x)$$

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Bert

## A tale of two primes

The derivative of  $f(x) = g(x) \cdot h(x)$ , with  $g(x) = x^2$  and  $h(x) = \sin(x)$  equals

$$f'(x) = g'(x) \cdot h(x) +$$

6:

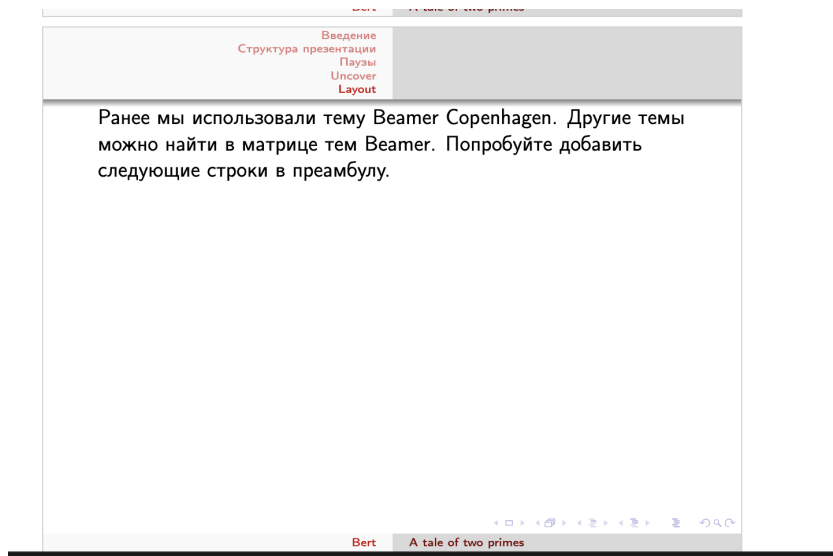
uncover

- $[a, b]$



- $[a, b] = \{x \in \mathbb{R} : a \leq x \leq b\},$

7: uncover



8: Warsaw

## Posters

LaTeX.

:

1. `a0poster`;

2. `beamerposter` `beamer`;

3. `tikzposter`.

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`a0poster`

`article`,

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LaTeX,

`a0poster` —

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`beamerposter` —

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`beamer`.

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`beamer`.

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Beamer, Beamer UVA  
LaTeX).

(

`block`, `exampleblock`

`alertblock`.

`columns`,

`a0poster`,

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`beamerposter`

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`beamerposter`

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`tikzposter`,

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`maketitle`,

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`beamerposter`,

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`a0poster`,

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## The `a0poster` documentclass

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`a0poster`,



```
\documentclass[a0, portrait]{a0poster}
```

9: a0poster

— , , Babel, graphicx, tikz . . . ( ). multicol,

```
\documentclass[a0, portrait]{a0poster}
\usepackage{multicol}
\columnsep=100pt
\usepackage[T2A]{fontenc}
```

10: a0poster

, , columnsep.  
 \begin{document}...\end{document}.  
 ( ), minipage.

Look I'm making a poster  
 Ostap S. Bender  
 RUDN University

```
\documentclass[a0poster]
\usepackage{multicol}
\columnsep=100pt
\begin{document}
```

11:

, .  
 .  
 a0poster , ( ), .tex  
 article. , tikzpictures.  
 figure. center

\usepackage[svgnames]{xcolor}.

**beamerposter** **beamer.**

, beamerposter, beamer.

, Beamer , ,  
 150 .

Look I'm making a poster  
Ostap S. Bender

RUDN University

```
\documentclass[10pt]{beamerposter}
\usepackage{tikz}
\begin{tikzpicture}
\draw[fill=blue, opacity=0.5] (0,0) rectangle (10,10);
\end{tikzpicture}
```

12:

```
\begin{center}
\includegraphics[options]{filename.extension}
\captionof{figure}{Insert your caption here}
\end{center}
\begin{center}
\begin{tikzpicture}
\end{tikzpicture}
\captionof{figure}{...}
\end{center}
```

13:

```
% \documentclass[a0, portrait]{a0poster}
\documentclass[xcolor={svgnames}]{beamer}
```

14:

```
\documentclass[xcolor={svgnames}]{beamer}
\usepackage[orientation=portrait,size=a0,scale=1.4]{beamerposter}
```

15: beamerposter

Beamerposter (columns. ,  
( ). ,  
— .

```

64
65 \begin{frame}
66 \begin{columns}
67 \begin{column}{.33\textwidth}
68 \end{column}
69 \begin{column}{.33\textwidth}
70 \end{column}
71 \begin{column}{.33\textwidth}
72 \begin{column}
73 \end{columns}
74 \begin{columns}
75 \begin{column}{.7\textwidth}
76 ...
77 \end{column}
78 %
79 \begin{column}{.3\textwidth}
80 ...
81 \end{column}
82 \end{columns}
83 \end{frame}
84

```

16:

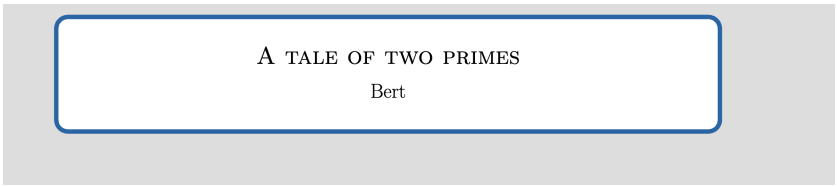
## The tikzposter documentclass

, tikzposter, : \documentclass[24pt,  
a0paper, portrait]{tikzposter}  
, , ( ).  
— , Babel, GraphicX, Tikz . .  
.  
:

`\usetheme{...}`

Tikzposter.

`\maketitle`



17: tikzposter

Tikzposter

columns,

Beamerposter.

`\begin{column}{width}`.

`\column{width}`. Tikzposter

multicol.

`(`, `,` `tikzpictures`, `,` `tikzposter`, `,` `,` `)`

`tikzposter` — `:`

`tikzpictures.` figure.  
`center` `:`

`captionof{ }{ }`. caption  
`captionof` — `,` `,` `color,`

```

\begin{columns}
\column{.33}
...
%
\column{.33}
...
%
\column{.33}
...
\end{columns}
%
\begin{columns}

```

18: tikzposter



19: tikzposter

```

\block{title}{content \vspace{height}}
\note[targetoffsetx=size, targetoffsety=size, width=size]{note content}

```

20: tikzposter

```

464
465 \begin{center}
466 \includegraphics[options]{filename.extension}
467 \captionof{figure}{Insert your caption here}
468 \end{center}
469
470 \begin{center}
471 \begin{tikzpicture}
472 ...
473 \end{tikzpicture}
474 \captionof{figure}{...}
475 \end{center}
476

```

21: tikzposter

```
\definecolor{MyPink}{RGB}{194, 19, 182}
Here follows some regular text, \color{MyPink} from now on the
text has changed colour, \color{black} and then we are
back to normal.
|
```

```
22:      definecolor
```

LaTeX, beamer, LaTeX.

. a0poster, beamerposter, tikzposter.  
LaTeX.