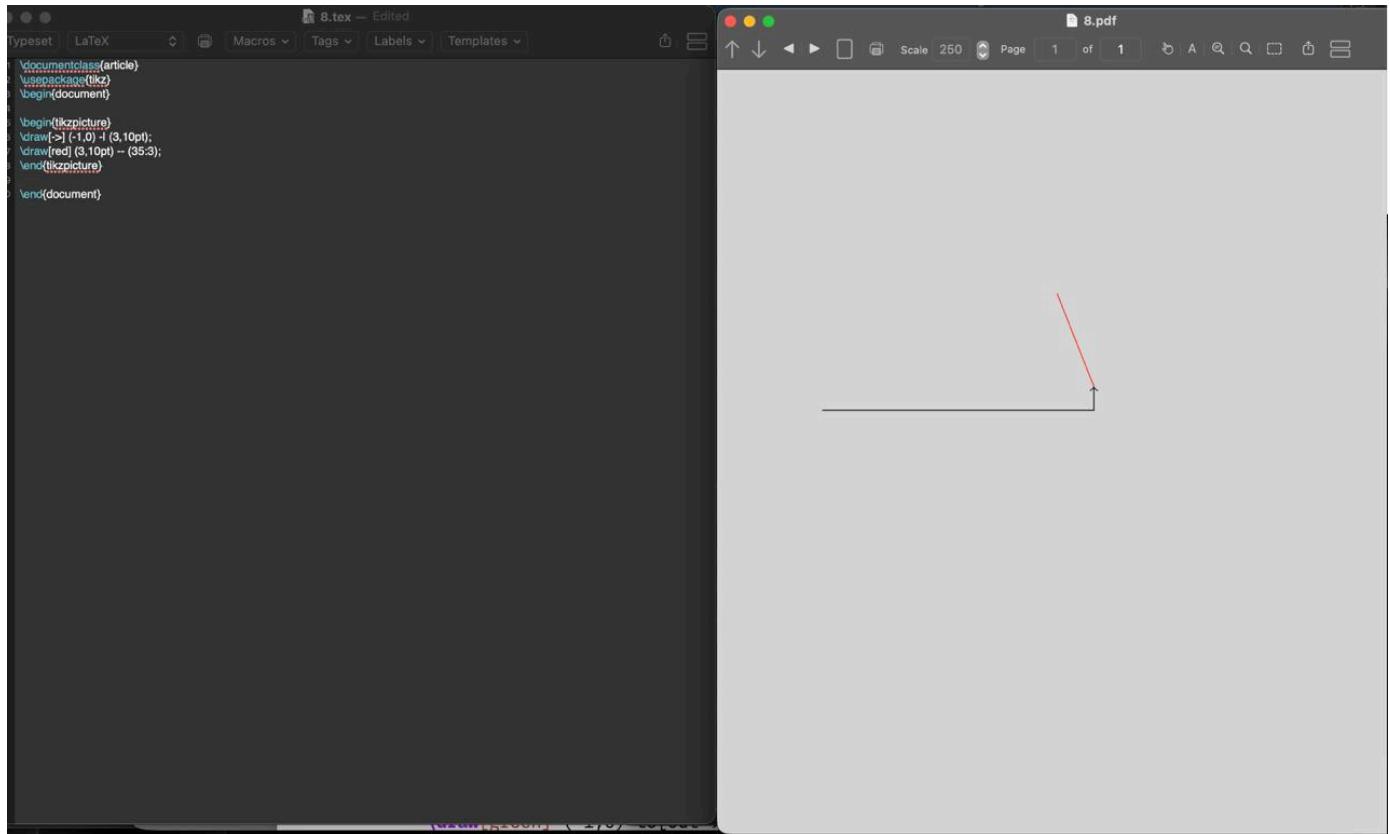


Лабораторная работа 8

Изучение LaTeX



Работа с графиками

8.tex – Edited

```
\documentclass{article}
\usepackage{tikz}
\begin{document}

\begin{tikzpicture}
\draw[red] (-1.0) - (3,10pt);
\draw[red] (3,10pt) -- (35:3);
\end{tikzpicture}

\end{document}
```

Работа с графиками

82 – Edited

```
\documentclass{article}
\usepackage{tikz}
\begin{document}

\begin{tikzpicture}
\draw[green] (-1.0) to [looseness=1.5, out=90, in=135] (5,1);
\draw[cyan] (-1.0) .. controls (0,-2) .. (5,1);
\end{tikzpicture}

\end{document}
```

Работа с графиками

The screenshot shows a LaTeX editor interface with two panes. The left pane displays the following LaTeX code:

```
1 \documentclass{article}
2 \usepackage{tikz}
3 \begin{document}
4 \begin{tikzpicture}[scale=3]
5 \draw (0,0) node (hello) -- (1,1) node (world);
6 \end{tikzpicture}
7 \end{document}
```

The right pane shows the generated PDF output, which contains a single edge from a node labeled "hello" at (0,0) to a node labeled "world" at (1,1).

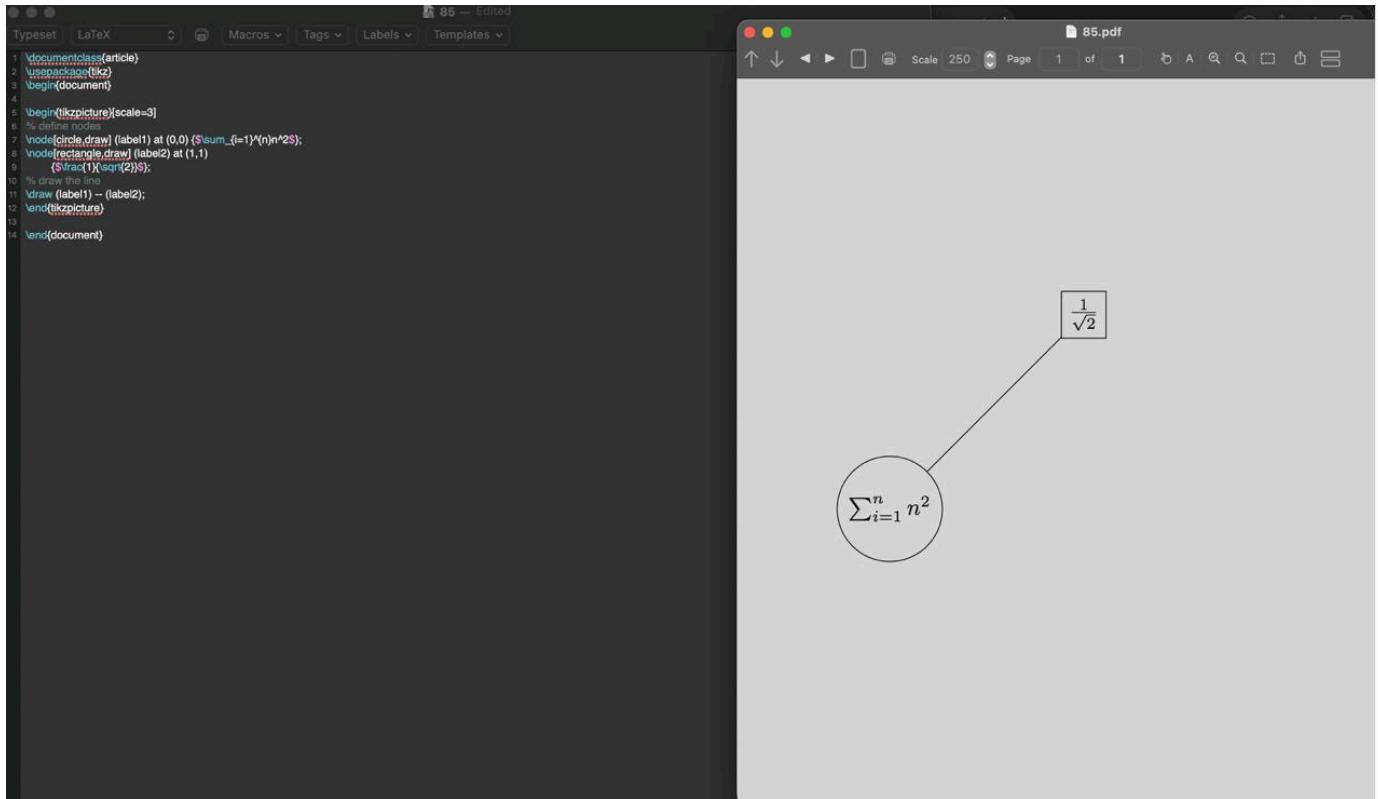
Работа с графиками

The screenshot shows a LaTeX editor interface with two panes. The left pane displays the following LaTeX code:

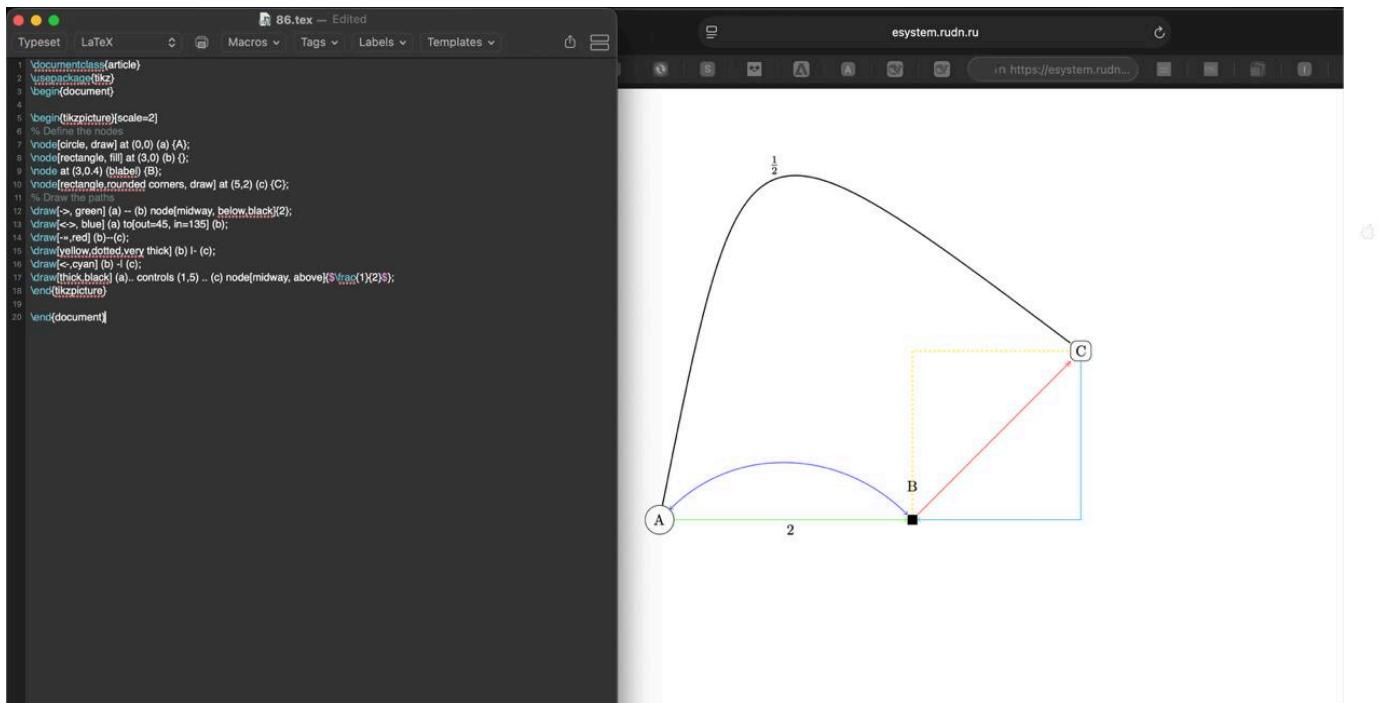
```
1 \documentclass{article}
2 \usepackage{tikz}
3 \begin{document}
4 \begin{tikzpicture}[scale=3]
5 \draw (0,0) node[circle, draw]{$\sum_{i=1}^n n^2$} -- (1,1) node[rectangle, draw]{$\frac{1}{\sqrt{2}}$};
6 \end{tikzpicture}
7 \end{document}
```

The right pane shows the generated PDF output, which contains a circle node labeled $\sum_{i=1}^n n^2$ connected by an edge to a rectangle node labeled $\frac{1}{\sqrt{2}}$.

Работа с графиками



Работа с графиками



Выводы

- Познакомился с LaTeX
- Изучил новый пакет
- Научился создавать графики в LaTeX

{.standout}

Спасибо за внимание!