



A Beamer Theme for State University of Malang

This is a Beamer Theme Styled After State University of Malang's (UM) Powerpoint Template.

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Physics Departement
Students

05 January 2024

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Bagian 1. **Installation**



How to Use?

To use this latex beamer template in local machine you need to do the following:

- 1 Install latex distibution
 - ▶ for **Linux**: TeX Live
 - ▶ for **Mac**: Mac Tex
 - ▶ for **Windows**: MiKTeX
- 2 Install \LaTeX Editor, The following is a list of common editors that you can use
 - ▶ Visual Studio Code with LaTeX Workshop extension.
 - ▶ Texmaker.
 - ▶ TeXStudio.
 - ▶ GNU Emacs with its AUC-TeX Package.
- 3 Download 3 this beamer template and compile.

Bagian 2. **List**



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Block Title

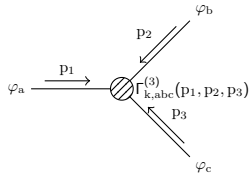
Consider a **function** $\rho(r, \phi)$ such that

$$R_{\mu\nu} - \frac{1}{2}R g_{\mu\nu} + \Lambda g_{\mu\nu} = \frac{8\pi G}{c^4} T_{\mu\nu}$$

Bagian 3. Multiple Columns



Feynman (3-Point Vertex)



Beside, an example of tikz picture by Janosh Riebesel I. Below is a verbatim example, pay attention to the [fragile] parameter in line 123 (frame environment).

Feynman (3-Point Vertex)

```
\begin{tikzpicture}
  \draw (-2,0) node[left] {\varphi_a} -- (0,0) -- (1.5,1.5) node[above right] {\varphi_b} (0,0) -- (1.5,-1.5) node[below right] {\varphi_c};
  \draw[->,yshift=5pt] (-1.7,0) -- (-0.7,0) node[midway,above] {p_1};
  \draw[<-,yshift=5pt] (0.4,0.4) -- (1.2,1.2) node[midway,above left] {p_2};
  \draw[<-,xshift=5pt] (0.4,-0.4) -- (1.2,-1.2) node[midway,above right] {p_3};
  \draw[fill=white,postaction={pattern=north east lines}] (0,0) circle (0.25) node[right=5pt] {\Gamma_{k,abc}^{(3)}(p_1,p_2,p_3)};
\end{tikzpicture}
```