# Introduction

A brief **introduction**.

# Review

## Maxwell equations

$$\nabla \cdot \boldsymbol{E} = \frac{\rho}{\varepsilon_0}$$
$$\nabla \cdot \boldsymbol{B} = 0$$
$$\nabla \times \boldsymbol{E} = -\frac{\partial \boldsymbol{B}}{\partial t}$$
$$\nabla \times \boldsymbol{B} = \mu_0\left(\boldsymbol{J} + \varepsilon_0\frac{\partial \boldsymbol{E}}{\partial t}\right)$$

### ❱❱❱ Latex translation ❱❱❱

```
% This Tex file was generated from Typst source by latexify.typ
%
% recommended settings:
% \pdfminorversion=7 % Typst produces PDF 1.7
% \documentclass{article} %
% \usepackage{amsmath}
% \usepackage{amsfonts}
% \usepackage{cancel}
% \usepackage{graphicx}
% \usepackage{natbib}

\section{Introduction}


A brief \textbf{introduction}.


\section{Review}



\subsection{Maxwell equations}


\begin{align}
  \nabla  \cdot  \boldsymbol{E} &= \frac{\rho }{\varepsilon _0} \\
   \nabla  \cdot  \boldsymbol{B} &= 0 \\
   \nabla  \times  \boldsymbol{E} &= - \frac{\partial  \boldsymbol{B}}{\partial t} \\
   \nabla  \times  \boldsymbol{B} &= \mu _0 \left(\boldsymbol{J} + \varepsilon _0
\frac{\partial  \boldsymbol{E}}{\partial t}\right)
\end{align}
```