

Maths is the most important feature in L^AT_EX. Inline maths is created using dollar signs, e.g. $e^{i\theta} = \cos \theta + i \sin \theta$. It is highly advisable to include the `amsmath` package when using maths.

Equations on their own line are created using the `equation` environment:

$$\sigma_{xx} = \begin{bmatrix} \sigma_{xx} & \tau_{xy} & \tau_{xz} \\ \tau_{yx} & \sigma_{yy} & \tau_{yz} \\ \tau_{zx} & \tau_{zy} & \sigma_{zz} \end{bmatrix} \quad (1)$$

Equation 1 shows an example of a stress tensor equation.

Maths in L^AT_EX is a long and complicated topic, so refer here <https://en.wikibooks.org/wiki/LaTeX/Mathematics>