

Method 5 - Pandoc Pipeline Test Document -
Simple Version

Mathematical Content

The quadratic formula is $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

$$\begin{aligned} E &= mc^2 \\ F &= ma \\ \nabla \times \vec{E} &= -\frac{\partial \vec{B}}{\partial t} \end{aligned}$$

TikZ Graphics

Additional TikZ - Scope Environment

Tabular Data

Table 1: Comparison of LaTeX engines

Method	Speed	Quality
pdflatex	Fast	Good
xelatex	Medium	Excellent
lualatex	Medium	Very Good

Additional Table

Table 2: Package statistics

Package	Lines	Complexity
amsmath	2000+	Medium
tikz	50000+	High

Package	Lines	Complexity
array	500+	Low

Mathematical Examples

Some inline math: $\int_0^\infty e^{-x^2} dx = \frac{\sqrt{\pi}}{2}$

Display math:

$$\sum_{n=1}^{\infty} \frac{1}{n^2} = \frac{\pi^2}{6}$$

Matrix example:

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} \begin{pmatrix} x \\ y \end{pmatrix} = \begin{pmatrix} ax + by \\ cx + dy \end{pmatrix}$$