

This is a very simple file, though it does include some mathematical symbols, β , x and y , and some equations,

$$\frac{1}{2} + \frac{1}{5} = \frac{7}{10}. \quad (1)$$

The equations are automatically numbered:

$$1 + 1 = 2 \Rightarrow E = mc^2. \quad (2)$$

L^AT_EX can handle complicated mathematical expressions.

$$\int_0^\infty \cos(kt)e^{-st}dt = \frac{s}{s^2 + k^2} \quad (3)$$

if $s > 0$.

$$e^z = \sum_{n=0}^\infty \frac{z^n}{n!}. \quad (4)$$

Leave a blank line in your file when you want a new paragraph. L^AT_EX will automatically arrange your text into tidy lines of even length, even if the original text in the .tex file is a mess.