

Sample L^AT_EX Commands

Here are some sample L^AT_EX commands. Look at the file sample.pdf to see what the output looks like.

Here's an example of inline math output: $y = \sin(x)$.

Here's an example of output on a separate numbered line:

$$y = \sin(x) \tag{1}$$

Greek letters: $\alpha\beta\gamma\Gamma\delta\Delta$

Subscripts and superscripts: $x_1 A_{i,j} x^2 x^{2+\epsilon} A_{i,j}^2$

Large parentheses and brackets on a separate line with no equation number:

$$\left[\left(x^2 \right)^3 \right]^4 = x^{24}$$

Primes and integral signs:

$$\int_a^b f'(x) dx = f(b) - f(a)$$

Fractions and square roots:

$$\sqrt{\frac{1}{a+b}} \neq \frac{1}{\sqrt{a}} + \frac{1}{\sqrt{b}}$$