Hello, World!
LaTeX is fun.
This is a new paragraph of $(x+1)(x-2)$. The equations of the rectangle

$$A(x) = x^{23} + 2x + 1$$

gives the area of the rectangle.

$$\left(\frac{1}{2}\right)$$

$$a_0, a_1, a_2, \ldots, a_{100}$$

$$\sum_{i=1}^{100} a_i$$

$$\int_0^{\infty} e^{-x^2}\, dx$$

$$\int_{-\infty}^{\infty} e^{-x^2}\, dx$$

$$\int_{-\infty}^{\infty} e^{-x^2}\, dx = \sqrt{\pi}$$