Test PDF Generation

Test Document

This is a test document with bold text and italic text.

Mathematical Content

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

Display Math

[\int_0^\infty e^{-x^2} dx = \frac{\sqrt{\pi}}{2}]

This document should generate a proper PDF.