$\\alpha_{\\beta}^{\\gamma}$ α_{β}^{γ}

$\\frac{\\partial \\bar{x}}{\\partial t}$ $\frac{\partial \bar{x}}{\partial t}$

$\\sum_{i=1}^{10} x_i \\beta^i$ $\sum_{i=1}^{10} x_i \beta^i$

$\\prod_{i = 1}^{100} x^i$ $\prod_{i=1}^{100} x^i$

$\\left(\\int_{0}^{1} \\sin(x) dx \\right)$ $\left(\int_0^1 \sin(x)dx\right)$

ture constant is $\\alpha \\approx \\frac{1}{137}$.   The value of the fine structure constant is $\alpha \approx$

bla \\times \\bar{x}$ and $\\nabla \\cdot \\bar{x}$ $\nabla \times \bar{x}$ and $\nabla \cdot \bar{x}$

$\\sqrt[\\alpha\\beta]{x_i^2}$ $\sqrt[\alpha\beta]{x_i^2}$

\\textbf{Bold} and \\textit{italic} text!   **Bold** and *italic* text!

\\left{\\left(\\left[BRACES\\right]\\right)\\right}$ $\left\{\left(\left[BRACES\right]\right)\right\}$

space compliant: $x ^ 2 \\times \\sum_ 0 ^ 1 y _ i$ Whitespace compliant: $x^2 \times \sum_0^1 y_i$

Numbers: 0.05, 0.03, $0.005^{0.002}_{0.01}$ Numbers: 0.05, 0.03, $0.005^{0.002}_{0.01}$