My First Document

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May 8, 2019

1 + 2 = 3

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$$a = b + c (2)$$

$$x = y - z \tag{3}$$

$$a = b + c$$

$$x = y - z$$

 n^2

 b_{a-2}

Fractions

$$\frac{a}{3}$$

$$\frac{y}{\frac{3}{x}+b}$$

square root $\sqrt{y^2}$

More square roots $\sqrt[x]{y^2}$

Sum $\sum_{x=1}^{5} y^z$

Integrals $\int_a^b f(x)$

Greek letters $\alpha \ \beta \ \delta, \Delta \ \theta, \Theta \ \mu \ \pi, \Pi \ \sigma, \Sigma \ \phi, \Phi \ \psi, \Psi \ \omega, \Omega$