Please type me!The quick fox jumps over the lazy dog.

$$e^{i\pi} + 1 = 0 \tag{1}$$

$$e^{i\theta} = cos\theta + isin\theta \tag{2}$$

$$G_{\mu\nu} + \Lambda g_{\mu\nu} = \frac{8\pi G}{c^4} T_{\mu\nu} \tag{3}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \tag{4}$$

$$\vec{L} = \vec{r} \times \vec{p} \tag{5}$$

$$\sqrt[3]{x} \tag{6}$$

$$(x + y)^n = \sum_{r=0}^{n} \binom{n}{r} x^r y^{n-r} \tag{7}$$

$$\sqrt{\frac{a_1^2 + \cdots + a_n^2}{n}} \geq \frac{a_1 + \cdots + a_n}{n} \geq \sqrt[n]{a_1 + \cdots + a_n} \geq \frac{n}{\frac{1}{a_1} + \cdots + \frac{1}{a_n}}$$

$$|\langle x, y \rangle|^2 \leq \langle x, x \rangle \cdot \langle y, y \rangle \tag{8}$$

$$A1 : \varphi \longrightarrow (\psi \to \varphi)$$
$$A2 : (\varphi \to (\psi \to \theta)) \longrightarrow ((\varphi \to \psi) \to (\varphi \to \theta))$$
$$A3 : (\neg\varphi \to \neg\psi) \longrightarrow (\psi \to \varphi) \tag{9}$$