

$$1 = \sin(x)^2 + \cos(x)^2 \tag{1}$$

$$\cos(C) = \frac{c^2 - a^2 - b^2}{2 \cdot a \cdot b} \tag{2}$$

$$\exp(i\theta) = \cos(\theta) + i \sin(\theta) \tag{3}$$