

$$\frac{e^{inx} - e^{-inx}}{2i}$$

$$\frac{e^{inx} + e^{-inx}}{2}$$

$$\cos^2(x) + \sin^2(x)$$

$$\int \sin(x) dx$$

$$\frac{d \sin(nx)}{dx}$$

$$\vec{u} \cdot \vec{v}$$

$$\sin(x \pm y)$$

$$\cos(x \pm y)$$

$$\int \cos(x) dx$$

$$\frac{d \cos(nx)}{dx}$$