■ 평면벡터의 내적

$$\vec{a} \cdot \vec{b} = \left|\vec{a}\right|\left|\vec{b}\right| \cos\theta$$

■ 공간벡터의 내적

$$\vec{a} = (a_1, a_2, a_3),\ \vec{b} = (b_1, b_2, b_3)$$

$$\vec{a} \cdot \vec{b} = a_1b_1 + a_2b_2 + a_3b_3$$

$$\cos\theta = \frac{\vec{a} \cdot \vec{b}}{\left|\vec{a}\right|\left|\vec{b}\right|}$$