

Rotational Motion

Meaning of the angle of rotation

Angle of rotation (Θ) is defined as the angle between the spinning motion axis and the axis which is perpendicular to it.

Here Θ represents the **angle of rotation**, which is measured in radians alongside the $x - axis$ (which is the spinning axis).

Suppose if 1 *revolution* equals to 360° then we can represent the angle of rotation for 1 *revolution* in radians as:

$$1 \text{ revolution} = 360^\circ = 2\pi \text{ radians}$$