













# Torque and Rotational Dynamics

## AP Physics C: Mechanics · Vocabulary

English	中文	Pinyin
 angular displacement	角位移	jiǎo wèi yí
$\pi$ radians	弧度	hú dù
 angular velocity	角速度	jiǎo sù dù
 angular acceleration	角加速度	jiǎo jiā sù dù
 tangential acceleration	切向加速度	qiè xiàng jiā sù dù
 centripetal acceleration	向心加速度	xiàng xīn jiā sù dù
 Torque	力矩	lì jǔ
$\times$ vector product	矢量积	shǐ liàng jī
 moment arm	力臂	lì bì
 Rotational inertia	转动惯量	zhuǎn dòng guàn liàng
$\equiv$ linear density	线密度	xiàn mì dù
 parallel-axis theorem	平行轴定理	píng xíng zhóu dìng lǐ
 rotational equilibrium	转动平衡	zhuǎn dòng píng héng
 static equilibrium	静平衡	jìng píng héng
 pulley	滑轮	huá lún