

T1 Kinematics	T1 scalar	T1 magnitude
T1 vector	T1 components	T1 unit vectors
T1 average velocity	T1 instantaneous velocity	T1 free fall

T1 dà xiǎo	T1 biāo liàng	T1 yùn dòng xué
T1 dān wèi shǐ liàng	T1 fēn liàng	T1 shǐ liàng
T1 zì yóu luò tǐ	T1 shùn shí sù dù	T1 píng jūn sù dù

T1 reference frame	T1 relative motion	T1 projectile motion
T2 system	T2 center of mass	T2 force
T2 free-body diagram	T2 Newton's third law	T2 inertia

T1 pāo tǐ yùn dòng	T1 xiāng duì yùn dòng	T1 cān kǎo xì
T2 lì	T2 zhì xīn	T2 xì tǒng
T2 guàn xìng	T2 niú dùn dì sān dìng lǚ	T2 shòu lì tú

T2 net force	T2 translational equilibrium	T2 differential equation
T2 incline	T2 tension	T2 Newton's law of gravitation
T2 Friction	T2 kinetic	T2 static

T2 wēi fēn fāng chéng	T2 píng dòng píng héng	T2 hé lì
T2 wàn yǒu yǐn lì dìng lǚ	T2 zhāng lì	T2 xié miàn
T2 jìng mó cā	T2 dòng mó cā	T2 mó cā lì

T2 normal force	T2 Hooke's law	T2 spring constant
T2 resistive force	T2 terminal velocity	T2 separate the variables
T2 centripetal acceleration	T3 Kinetic energy	T3 scalar

T2 tán huáng jìn dù xì shù	T2 hú kè dīng lǚ	T2 fǎ xiàng lì
T2 fēn lí biàn liàng	T2 zhōng jí sù dù	T2 zǔ lì
T3 biāo liàng	T3 dòng néng	T2 xiàng xīn jiā sù dù

T3 joules	T3 reference frame	T3 Work
T3 integral	T3 friction	T3 normal force
T3 work–energy theorem	T3 Potential energy	T3 conservative forces

T3 gōng	T3 cān kǎo xì	T3 jiāo ěr
T3 fǎ xiàng lì	T3 mó cǎ lì	T3 jī fēn
T3 bǎo shǒu lì	T3 shì néng	T3 dòng néng dìng lǐ

T3 derivative	T3 stable equilibrium	T3 unstable equilibrium
T3 Mechanical energy	T3 nonconservative forces	T3 thermal energy
T3 turning points	T3 Power	T3 watts

T3 bù wěn dìng píng héng	T3 wěn dìng píng héng	T3 dǎo shù
T3 rè néng	T3 fēi bǎo shǒu lì	T3 jī xiè néng
T3 wǎ tè	T3 gōng lǜ	T3 zhuǎn zhé diǎn

T4 Linear momentum	T4 vector	T4 collisions
T4 explosions	T4 center of mass	T4 impulse
T4 impulse–momentum theorem	T4 slope	T4 conserved

T4 pèng zhuàng	T4 shǐ liàng	T4 dòng liàng
T4 chōng liàng	T4 zhì xīn	T4 bào zhà
T4 shǒu héng	T4 xié lǚ	T4 - chōng liàng - dòng liàng dīng lǐ

T4 kinetic energy	T4 elastic collision	T4 inelastic collision
T4 deformation	T4 perfectly inelastic collision	T5 angular displacement
T5 radians	T5 angular velocity	T5 angular acceleration

T4 fēi tán xìng pèng zhuàng	T4 tán xìng pèng zhuàng	T4 dòng néng
T5 jiǎo wèi yí	T4 wán quán fēi tán xìng pèng zhuàng	T4 xíng biàn
T5 jiǎo jiā sù dù	T5 jiǎo sù dù	T5 hú dù

T5 tangential acceleration	T5 centripetal acceleration	T5 Torque
T5 vector product	T5 moment arm	T5 right-hand rule
T5 Rotational inertia	T5 linear density	T5 parallel-axis theorem

T5 lì jǔ	T5 xiàng xīn jiā sù dù	T5 qiè xiàng jiā sù dù
T5 yòu shǒu dìng zé	T5 lì bì	T5 shǐ liàng jī
T5 píng xíng zhóu dìng lǐ	T5 xiàn mì dù	T5 zhuǎn dòng guàn liàng

T5 rotational equilibrium	T5 static equilibrium	T5 pulley
T6 rotational kinetic energy	T6 rotational inertia	T6 torque
T6 angular displacement	T6 Angular momentum	T6 angular impulse

T5 huá lún	T5 jìng píng héng	T5 zhuǎn dòng píng héng
T6 lì jǔ	T6 zhuǎn dòng guān liàng	T6 zhuǎn dòng dòng néng
T6 jiǎo chōng liàng	T6 jiǎo dòng liàng	T6 jiǎo wèi yí

T6 conserved	T6 Rolling without slipping	T6 disk
T6 hoop	T6 centripetal force	T6 satellite
T6 gravitational potential energy	T6 total mechanical energy	T6 escape velocity

T6 yuán pán	T6 wú huá gǔn dòng	T6 shǒu héng
T6 wèi xīng	T6 xiàng xīn lì	T6 yuán huán
T6 táo yì sù dù	T6 zǒng jī xiè néng	T6 yǐn lì shì néng

T6 elliptical orbit	T6 Kepler's second law	T7 Simple harmonic motion
T7 periodic motion	T7 equilibrium	T7 restoring force
T7 differential equation	T7 angular frequency	T7 period

T7 jiǎn xié yùn dòng	T6 kāi pǔ lēi dì èr dìng lǚ	T6 tuǒ yuán guǐ dào
T7 huí fù lì	T7 píng héng wèi zhì	T7 zhōu qī yùn dòng
T7 zhōu qī	T7 jiǎo pín lǚ	T7 wēi fēn fāng chéng

T7 frequency	T7 amplitude	T7 phase constant
T7 natural frequency	T7 resonance	T7 physical pendulum
T7 small-angle approximation	T7 simple pendulum	T7 torsion pendulum

T7 xiàng wèi cháng shù	T7 zhèn fú	T7 pín lǚ
T7 wù lǐ bǎi	T7 gòng zhèn	T7 gù yǒu pín lǚ
T7 niǔ bǎi	T7 dān bǎi	T7 xiǎo jiǎo dù jìn sì