

T1 physical quantity	T1 magnitude	T1 unit
T1 length	T1 estimate	T1 mass
T1 weight	T1 speed	T1 vacuum

T1 dān wèi	T1 dà xiǎo	T1 wù lǐ liàng
T1 zhì liàng	T1 gū suàn	T1 cháng dù
T1 zhēn kōng	T1 sù lǚ	T1 zhòng lì

T1 acceleration	T1 free fall	T1 density
T1 atmospheric pressure	T1 pressure	T1 temperature
T1 power	T1 diameter	T1 order of magnitude

T1 mì dù	T1 zì yóu luò tǐ	T1 jiā sù dù
T1 wēn dù	T1 yā qiáng	T1 dà qì yā qiáng
T1 shù liàng jí	T1 zhí jìng	T1 gōng lǜ

T1 energy	T1 SI units	T1 base quantity
T1 current	T1 ampere	T1 kelvin
T1 derived unit	T1 velocity	T1 force

T1 jī běn liàng	T1 guó jì dān wèi zhì	T1 néng liàng
T1 kāi ěr wén	T1 ān péi	T1 diàn liú
T1 lì	T1 sù dù	T1 dǎo chū dān wèi

T1 newton	T1 work	T1 joule
T1 watt	T1 stress	T1 pascal
T1 homogeneous	T1 prefix	T1 uncertainty

T1 jiāo ěr	T1 gōng	T1 niú dùn
T1 pà sī kǎ	T1 yīng lì	T1 wǎ tè
T1 bù què dìng dù	T1 cí tóu	T1 liàng gāng yí zhì

T1 measurement	T1 random error	T1 systematic error
T1 zero error	T1 calibration	T1 parallax
T1 accuracy	T1 precision	T1 instrument

T1 xì tǒng wù chā	T1 suí jī wù chā	T1 cè liáng
T1 shì chā	T1 jiào zhǔn	T1 líng diǎn wù chā
T1 yí qì	T1 jīng mì dù	T1 zhǔn què dù

T1 mean	T1 line of best fit	T1 intercept
T1 division	T1 reaction time	T1 half the range
T1 derived quantity	T1 absolute uncertainty	T1 percentage uncertainty

T1 jié jù	T1 zuì jiā nǚ hé zhí xiàn	T1 píng jūn zhí
T1 jí chā de yí bàn	T1 fǎn yìng shí jiān	T1 fēn dù
T1 bǎi fēn bǐ bù què dìng dù	T1 jué duì bù què dìng dù	T1 dǎo chū liàng

T1 volume	T1 percentage difference	T1 significant figures
T1 same number of significant figures	T1 error bar	T1 worst acceptable line
T1 vertical	T1 scalar	T1 vector

T1 yǒu xiào shù zì	T1 bǎi fēn bǐ chā yì	T1 tǐ jī
T1 zuì chà kě jiē shòu zhí xiàn	T1 wù chā bàng	T1 yǒu xiào shù zì
T1 shǐ liàng	T1 biāo liàng	T1 shù zhí

T1 component	T1 electric charge	T1 displacement
T1 momentum	T1 coplanar	T1 resultant
T1 perpendicular	T1 scale drawing	T1 horizontal

T1 wèi yí	T1 diàn hè	T1 fèn liàng
T1 hé shǐ liàng	T1 gòng miàn	T1 dòng liàng
T1 shuǐ píng	T1 àn bǐ lì zuò tú	T1 chuí zhí

T1 inclined plane	T2 projectile	T2 speed
T2 distance	T2 kinematics	T2 scalar
T2 displacement	T2 vector	T2 velocity

T2 sù lǚ	T2 pāo tǐ	T1 xié miàn
T2 biāo liàng	T2 yùn dòng xué	T2 jù lí
T2 sù dù	T2 shǐ liàng	T2 wèi yí

T2 acceleration	T2 uniform acceleration	T2 acceleration of free fall
T2 free fall	T2 uniform gravitational field	T2 air resistance
T2 negligible	T2 deceleration	T2 graphical methods

T2 zì yóu luò tǐ jiā sù dù	T2 yún jiā sù	T2 jiā sù dù
T2 kōng qì zǔ lì	T2 yún qiáng zhòng lì chǎng	T2 zì yóu luò tǐ
T2 tú xiàng fǎ	T2 jiǎn sù dù	T2 kě hū lüè de

T2 gradient	T2 tangent	T2 trapezium
T2 parabola	T2 gravity	T2 symmetric
T2 terminal velocity	T2 range	T2 random error

T2 tī xíng	T2 qiè xiàn	T2 xié lǜ
T2 duì chèn	T2 zhòng lì	T2 pāo wù xiàn
T2 suí jī wù chā	T2 shè chéng	T2 shōu wěi sù dù

T2 light gate	T2 reaction-time	T2 horizontal
T2 vertical	T2 component	T2 energy
T3 mass	T3 force	T3 acceleration

T2 shuǐ píng	T2 fǎn yìng shí jiān	T2 guāng diàn mén
T2 néng liàng	T2 fēn liàng	T2 shù zhí
T3 jiā sù dù	T3 lì	T3 zhì liàng

T3 scalar	T3 linear momentum	T3 velocity
T3 vector	T3 resultant force	T3 impulse
T3 collision	T3 kinetic energy	T3 driving force

T3 sù dù	T3 dòng liàng	T3 biāo liàng
T3 chōng liàng	T3 hé lì	T3 shǐ liàng
T3 qū dòng lì	T3 dòng néng	T3 pèng zhuàng

T3 drag	T3 thrust	T3 external force
T3 friction	T3 weight	T3 normal contact force
T3 electrostatic	T3 gravitational field	T3 terminal velocity

T3 wài lì	T3 tuī lì	T3 zǔ lì
T3 zhī chí lì	T3 zhòng lì	T3 mó cā lì
T3 shōu wěi sù dù	T3 zhòng lì chǎng	T3 jìng diàn

T3 viscous	T3 fluid	T3 coefficient
T3 viscosity	T3 cross-sectional area	T3 thermal energy
T3 uniform gravitational field	T3 upthrust	T3 hydrostatic pressure

T3 xì shù	T3 liú tǐ	T3 nián xìng
T3 rè néng	T3 héng jié miàn jī	T3 nián dù
T3 liú tǐ jìng yā qiáng	T3 fú lì	T3 yún qiáng zhòng lì chǎng

T3 parachutist	T3 gravitational potential energy	T3 power
T3 component	T3 perpendicular	T3 conservation of momentum
T3 explosion	T3 recoil	T3 inelastic collision

T3 gōng lǚ	T3 zhòng lì shì néng	T3 tiào sǎn zhě
T3 dòng liàng shǒu héng	T3 chuí zhí	T3 fèn liàng
T3 fēi tán xìng pèng zhuàng	T3 fǎn chōng	T3 bào zhà

T3 elastic collision	T3 relative speed	T3 deformation
T3 head-on	T3 stationary	T3 alpha particle
T3 mass-flow rate	T4 force	T4 principle of moments

T3 xíng biàn	T3 xiāng duì sù lǚ	T3 tán xíng pèng zhuàng
T3 α α lì zi	T3 jìng zhǐ	T3 zhèng miàn
T4 lì jǔ yuán lǐ	T4 lì	T3 zhì liàng liú lǚ

T4 moment	T4 centre of gravity	T4 weight
T4 centre of mass	T4 free-body diagram	T4 equilibrium
T4 plumb line	T4 vertical	T4 line of action

T4 zhòng lì	T4 zhòng xīn	T4 lì jǔ
T4 píng héng	T4 shòu lì tú	T4 zhì xīn
T4 zuò yòng xiàn	T4 shù zhí	T4 qiān chuī xiàn

T4 pivot	T4 torque	T4 non-uniform
T4 perpendicular distance	T4 perpendicular	T4 lever arm
T4 horizontal	T4 clockwise	T4 anticlockwise

T4 fēi jūn yún	T4 lì ǒu jǔ	T4 zhī diǎn
T4 lì bì	T4 chuí zhí	T4 chuí zhí jù lí
T4 nì shí zhēn	T4 shùn shí zhēn	T4 shuǐ píng

T4 couple	T4 resultant force	T4 translation
T4 angular acceleration	T4 tension	T4 component
T4 vector triangle	T4 closed vector triangle	T4 sine rule

T4 píng dòng	T4 hé lì	T4 lì ǒu
T4 fèn liàng	T4 zhāng lì	T4 jiǎo jiā sù dù
T4 zhèng xián dìng lǐ	T4 shǐ liàng sān jiǎo xíng	T4 shǐ liàng sān jiǎo xíng

T4 cosine rule	T4 density	T4 floating
T4 scalar	T4 pressure	T4 atmospheric pressure
T4 hydrostatic pressure	T4 fluid	T4 cross-sectional area

T4 piāo fú	T4 mì dù	T4 yú xián dǐng lǐ
T4 dà qì yā qiáng	T4 yā qiáng	T4 biāo liàng
T4 héng jié miàn jī	T4 liú tǐ	T4 liú tǐ jìng yā qiáng

T4 depth	T4 upthrust	T4 Archimedes' principle
T4 submerged	T4 displaced	T4 newton meter
T4 incompressible	T5 work	T5 energy

T4 ā jī mǐ dé yuán lǐ	T4 fú lì	T4 shēn dù
T4 tán huáng cè lì jì	T4 pái kāi	T4 jìn mò
T5 néng liàng	T5 gōng	T4 bù kě yā suō

T5 power	T5 kinetic energy	T5 electrical
T5 electrical energy	T5 displacement	T5 component
T5 horizontal	T5 scalar	T5 normal contact force

T5 diàn néng	T5 dòng néng	T5 gōng lǜ
T5 fèn liàng	T5 wèi yí	T5 diàn néng
T5 zhī chí lì	T5 biāo liàng	T5 shuǐ píng

T5 friction	T5 velocity	T5 frictionless
T5 mass	T5 weight	T5 gravitational potential energy
T5 conservation of energy	T5 closed system	T5 elastic potential energy

T5 wú mó cā	T5 sù dù	T5 mó cā lì
T5 zhòng lì shì néng	T5 zhòng lì	T5 zhì liàng
T5 tán xìng shì néng	T5 fēng bì xì tǒng	T5 néng liàng shǒu héng

T5 chemical energy	T5 ramp	T5 thermal energy
T5 spring	T5 compression	T5 efficiency
T5 voltage	T5 current	T5 tension

T5 rè néng	T5 xié pō	T5 huà xué néng
T5 xiào lǚ	T5 yā suō	T5 tán huáng
T5 zhāng lì	T5 diàn liú	T5 diàn yā

T5 drag	T5 momentum	T5 spring constant
T5 projectile	T5 bungee jumper	T6 deformation
T6 Hooke's law	T6 elastic	T6 elastic limit

T5 jìn dù xì shù	T5 dòng liàng	T5 zǔ lì
T6 xíng biàn	T5 bèng jí zhě	T5 pāo tǐ
T6 tán xìng jí xiàn	T6 tán xìng	T6 hú kè dìng lǚ

T6 tensile	T6 extension	T6 compression
T6 load	T6 negligible	T6 spring constant
T6 limit of proportionality	T6 plastic	T6 series

T6 yā suō	T6 shēn cháng liàng	T6 lā shēn
T6 jìn dù xì shù	T6 kě hū lüè de	T6 fù zài
T6 chuàn lián	T6 sù xìng	T6 bǐ lì jí xiàn

T6 parallel	T6 stress	T6 strain
T6 Young modulus	T6 cross-sectional area	T6 diameter
T6 pulley	T6 micrometer	T6 random error

T6 yìng biàn	T6 yīng lì	T6 bìng lián
T6 zhí jìng	T6 héng jié miàn jī	T6 yáng shì mó liàng
T6 suí jī wù chā	T6 luó xuán cè wēi qì	T6 huá lún

T6 thermal energy	T6 rubber band	T6 elastic hysteresis
T6 elastic potential energy	T6 kinetic energy	T7 progressive wave
T7 wave	T7 energy	T7 frequency

T6 tán xìng zhì hòu	T6 xiàng pí jīn	T6 rè néng
T7 xíng bō	T6 dòng néng	T6 tán xìng shì néng
T7 pín lǚ	T7 néng liàng	T7 bō

T7 phase difference	T7 medium	T7 oscillate
T7 propagate	T7 transverse wave	T7 longitudinal wave
T7 Wave motion	T7 ripple tank	T7 displacement

T7 zhèn dòng	T7 jiè zhì	T7 xiàng wèi chā
T7 zòng bō	T7 héng bō	T7 chuán bō
T7 wèi yí	T7 shuǐ bō cáo	T7 bō dòng

T7 vector	T7 amplitude	T7 wavelength
T7 in phase	T7 crest	T7 period
T7 hertz	T7 speed	T7 radian

T7 bō cháng	T7 zhèn fú	T7 shǐ liàng
T7 zhōu qī	T7 bō fēng	T7 tóng xiāng
T7 hú dù	T7 sù lǚ	T7 hè zī

T7 cathode-ray oscilloscope	T7 time-base	T7 y-gain
T7 intensity	T7 power	T7 point source
T7 source	T7 wavefront	T7 perpendicular

T7 chuí zhí zēng yì	T7 shí jī	T7 shì bō qì
T7 diǎn yuán	T7 gōng lǜ	T7 qiáng dù
T7 chuí zhí	T7 bō qián	T7 bō yuán

T7 electromagnetic wave	T7 sine curve	T7 compression
T7 rarefaction	T7 stationary	T7 vacuum
T7 Doppler effect	T7 observer	T7 electromagnetic spectrum

T7 yā suō	T7 zhèng xián qū xiàn	T7 diàn cí bō
T7 zhēn kōng	T7 jìng zhǐ	T7 xī shū
T7 diàn cí bō pǔ	T7 guān chá zhě	T7 duō pǔ lè xiào yìng

T7 microwaves	T7 infrared	T7 ultraviolet
T7 X-rays	T7 polarisation	T7 polarising filter
T7 Malus's law	T7 plane-polarised	T7 transmission axis

T7 zǐ wài xiàn	T7 hóng wài xiàn	T7 wēi bō
T7 piān zhèn piàn	T7 piān zhèn	T7 X X shè xiàn
T7 tòu guāng zhóu	T7 píng miàn piān zhèn	T7 mǎ lǚ sī dìng lǚ

T7 γ-rays	T7 gamma-rays	T8 principle of superposition
T8 superposition	T8 wave	T8 displacement
T8 vector sum	T8 amplitude	T8 coherent

T8 dié jiā	T7 γ γ shè xiàn	T7 γ γ shè xiàn
T8 wèi yí	T8 bō	T8 dié jiā
T8 xiāng gān	T8 zhèn fú	T8 shǐ liàng hé

T8 in phase	T8 crest	T8 constructive interference
T8 interference	T8 trough	T8 phase difference
T8 destructive interference	T8 intensity	T8 antiphase

T8 xiāng zhǎng gān shè	T8 bō fēng	T8 tóng xiāng
T8 xiàng wèi chā	T8 bō gǔ	T8 gān shè
T8 fǎn xiāng	T8 qiáng dù	T8 xiāng xiāo gān shè

T8 node	T8 progressive wave	T8 stationary wave
T8 reflected	T8 wavelength	T8 maximum
T8 antinode	T8 fundamental	T8 energy

T8 zhù bō	T8 xíng bō	T8 bō jié
T8 jí dà	T8 bō cháng	T8 fǎn shè
T8 néng liàng	T8 jī pín	T8 bō fù

T8 resonance tube	T8 minimum	T8 diffraction
T8 obstacle	T8 ripple tank	T8 slit
T8 double-slit	T8 fringe	T8 polarisation

T8 yǎn shè	T8 jí xiǎo	T8 gòng míng guǎn
T8 xiá fèng	T8 shuǐ bō cáo	T8 zhàng ài wù
T8 piān zhèn	T8 tiáo wén	T8 shuāng fèng

T8 path difference	T8 fringe spacing	T8 diffraction grating
T8 normal	T8 slit spacing	T8 order
T9 electric current	T9 charge carrier	T9 electron

T8 yǎn shè guāng shān	T8 tiáo wén jiān jù	T8 lù chéng chā
T8 jí cì	T8 fèng jiān jù	T8 fǎ xiàn
T9 diàn zì	T9 zài liú zǐ	T9 diàn liú

T9 electrolyte	T9 ion	T9 semiconductor
T9 hole	T9 conventional current	T9 quantised
T9 elementary charge	T9 coulomb	T9 drift velocity

T9 bàn dǎo tǐ	T9 lí zi	T9 diàn jiě zhì
T9 liàng zǐ huà	T9 cháng guī diàn liú	T9 kōng xué
T9 piāo yí sù dù	T9 kù lún	T9 jī běn diàn hè

T9 number density	T9 series	T9 potential difference
T9 energy	T9 volt	T9 electromotive force
T9 power	T9 voltage	T9 ohm

T9 diàn shì chā	T9 chuàn lián	T9 shù mì dù
T9 diàn dòng shì	T9 fú tè	T9 néng liàng
T9 ōu mǔ	T9 diàn yā	T9 gōng lǜ

T9 Ohm's law	T9 resistance	T9 parallel
T9 thermistor	T9 filament lamp	T9 semiconductor diode
T9 diode	T9 resistivity	T9 insulator

T9 bìng lián	T9 diàn zǔ	T9 ōu mǔ dīng lǚ
T9 èr jí guǎn	T9 dēng sī dēng pào	T9 rè mǐn diàn zǔ
T9 jué yuán tǐ	T9 diàn zǔ lǚ	T9 èr jí guǎn

T9 lattice vibration	T9 scatters	T9 light-dependent resistor
T9 light intensity	T9 negative temperature coefficient	T9 potential divider
T10 electromotive force	T10 energy	T10 potential difference

T9 guāng mǐn diàn zǔ	T9 sǎn shè	T9 jīng gé zhèn dòng
T9 fēn yā qì	T9 fù wēn dù xì shù	T9 guāng qiáng
T10 diàn shì chā	T10 néng liàng	T10 diàn dòng shì

T10 breadboard	T10 multimeter	T10 internal resistance
T10 electrolyte	T10 cell	T10 terminal p.d.
T10 open circuit	T10 short circuit	T10 power

T10 nèi zǔ	T10 wàn yòng biǎo	T10 miàn bāo bǎn
T10 duān diàn yā	T10 diàn chí	T10 diàn jiě zhì
T10 gōng lǚ	T10 duǎn lù	T10 kāi lù

T10 efficiency	T10 ammeter	T10 voltmeter
T10 LED	T10 capacitor	T10 fuse
T10 resistance	T10 series	T10 parallel

T10 diàn yā biǎo	T10 diàn liú biǎo	T10 xiào lǚ
T10 bǎo xiǎn sī	T10 diàn róng qì	T10 fā guāng èr jí guǎn
T10 bìng lián	T10 chuàn lián	T10 diàn zǔ

T10 junction	T10 conservation of charge	T10 closed loop
T10 conservation of energy	T10 Kirchhoff's first law	T10 Kirchhoff's second law
T10 potential divider	T10 voltage	T10 potentiometer

T10 huí lù	T10 diàn hè shǒu héng	T10 jié diǎn
T10 jī ěr huò fū dì èr dīng lǚ	T10 jī ěr huò fū dì yí dīng lǚ	T10 néng liàng shǒu héng
T10 diàn wèi chā jì	T10 diàn yā	T10 fēn yā qì

T10 rheostat	T10 sensor	T10 thermistor
T10 light-dependent resistor	T10 light intensity	T10 transistor
T10 comparator	T10 threshold	T10 jockey

T10 rè mǐn diàn zǔ	T10 chuán gǎn qì	T10 biàn zǔ qì
T10 jīng tǐ guǎn	T10 guāng qiáng	T10 guāng mǐn diàn zǔ
T10 huá dòng chù tóu	T10 yù zhí	T10 bǐ jiào qì

T10 galvanometer	T10 balance length	T10 null method
T10 driver cell	T10 loop	T11 alpha particle
T11 deflection	T11 nucleus	T11 electrostatic

T10 líng diǎn fǎ	T10 píng héng cháng dù	T10 jiǎn liú jì
T11 α α lì zì	T10 huí lù	T10 qū dòng diàn chí
T11 jìng diàn	T11 yuán zǐ hé	T11 piān zhuǎn

T11 energy	T11 proton	T11 neutron
T11 electron	T11 nuclide	T11 nucleon number
T11 nucleon	T11 proton number	T11 isotope

T11 zhōng zǐ	T11 zhì zi	T11 néng liàng
T11 hé zǐ shù	T11 hé sù	T11 diàn zi
T11 tóng wèi sù	T11 zhì zǐ shù	T11 hé zǐ

T11 quark	T11 conservation of charge	T11 unified atomic mass unit
T11 radioactive	T11 radiation	T11 ionising
T11 discrete	T11 cloud chamber	T11 beta particle

T11 tǒng yī yuán zì zhì liàng dān wèi	T11 diàn hè shǒu héng	T11 kuā kè
T11 diàn lí	T11 fú shè	T11 fàng shè xìng
T11 β β lì zì	T11 yún shì	T11 fēn lì

T11 positron	T11 antiparticle	T11 continuous
T11 photon	T11 electromagnetic spectrum	T11 attenuated
T11 gamma ray	T11 daughter nucleus	T11 excited state

T11 lián xù	T11 fǎn lì zì	T11 zhèng diàn zì
T11 shuāi jiǎn	T11 diàn cí bō pǔ	T11 guāng zì
T11 jī fā tài	T11 zì hé	T11 γ γ shè xiàn

T11 neutrino	T11 antineutrino	T11 momentum
T11 fundamental particles	T11 fundamental	T11 flavours
T11 antiquark	T11 hadrons	T11 baryons

T11 dòng liàng	T11 fǎn zhōng wēi zǐ	T11 zhōng wēi zǐ
T11 wèi	T11 jī běn lì zì	T11 jī běn lì zì
T11 zhòng zǐ	T11 qiáng zǐ	T11 fǎn kuā kè

T11 mesons	T11 leptons	T12 radian
T12 velocity	T12 acceleration	T12 arc
T12 angular speed	T12 angular displacement	T12 period

T12 hú dù	T11 qīng zi	T11 jiè zi
T12 hú	T12 jiā sù dù	T12 sù dù
T12 zhōu qī	T12 jiǎo wèi yí	T12 jiǎo sù dù

T12 frequency	T12 revolution	T12 circumference
T12 tangential	T12 centripetal acceleration	T12 perpendicular
T12 force	T12 centripetal force	T12 latitude

T12 zhōu cháng	T12 quān	T12 pín lǚ
T12 chuí zhí	T12 xiàng xīn jiā sù dù	T12 qiè xiàng
T12 wěi dù	T12 xiàng xīn lì	T12 lì

T12 weight	T12 tension	T12 friction
T12 normal contact force	T12 Banked corner	T12 banked
T12 satellite	T12 orbit	T12 gravitational attraction

T12 mó cā lì	T12 zhāng lì	T12 zhòng lì
T12 qīng xié	T12 qīng xié	T12 zhī chí lì
T12 yǐn lì	T12 guǐ dào	T12 wèi xīng

T12 electron	T12 electrostatic	T12 nucleus
T12 conical pendulum	T12 magnetic field	T12 radial
T13 gravitational field	T13 mass	T13 force

T12 yuán zǐ hé	T12 jìng diàn	T12 diàn zi
T12 jìng xiàng	T12 cí chǎng	T12 yuán zhuī bǎi
T13 lì	T13 zhì liàng	T13 zhòng lì chǎng

T13 gravitational field strength	T13 test mass	T13 vector
T13 field line	T13 point mass	T13 radial
T13 uniform field	T13 Newton's law of gravitation	T13 universal gravitational constant

T13 shǐ liàng	T13 jiǎn yàn zhì liàng	T13 zhòng lì chǎng qiáng dù
T13 jìng xiàng	T13 zhì diǎn	T13 chǎng xiàn
T13 wàn yǒu yǐn lì cháng liàng	T13 wàn yǒu yǐn lì dìng lǚ	T13 yún qiáng chǎng

T13 scalar	T13 gravitational potential	T13 orbit
T13 centripetal force	T13 satellite	T13 period
T13 Kepler's third law	T13 kinetic energy	T13 centre of mass

T13 guǐ dào	T13 yǐn lì shì	T13 biāo liàng
T13 zhōu qī	T13 wèi xīng	T13 xiàng xīn lì
T13 zhì xīn	T13 dòng néng	T13 kāi pǔ lēi dì sān dìng lǚ

T13 geostationary	T13 equator	T13 angular speed
T13 infinity	T13 gravitational potential energy	T13 escape velocity
T14 thermal equilibrium	T14 heat	T14 thermal energy

T13 jiǎo sù dù	T13 chì dào	T13 dì qiú tóng bù
T13 táo yì sù dù	T13 zhòng lì shì néng	T13 wú qióng yuǎn
T14 rè néng	T14 rè liàng	T14 rè píng héng

T14 energy	T14 temperature	T14 thermometer
T14 volume	T14 capillary	T14 absolute temperature
T14 resistance	T14 thermocouple	T14 electromotive force

T14 wēn dù jì	T14 wēn dù	T14 néng liàng
T14 jué duì wēn dù	T14 máo xì guǎn	T14 tǐ jī
T14 diàn dòng shì	T14 rè diàn ǒu	T14 diàn zǔ

T14 calibration	T14 fixed points	T14 thermodynamic temperature
T14 mass	T14 kelvin	T14 absolute zero
T14 internal energy	T14 Celsius	T14 triple point

T14 rè lì xué wēn dù	T14 gù dǐng diǎn	T14 jiào zhǔn
T14 jué duì líng dù	T14 kāi ěr wén	T14 zhì liàng
T14 sān xiāng diǎn	T14 shè shì dù	T14 nèi néng

T14 specific heat capacity	T14 power	T14 insulation
T14 specific latent heat	T14 latent heat	T14 fusion
T14 vaporisation	T14 specific latent heat of fusion	T14 specific latent heat of vaporisation

T14 gé rè	T14 gōng lǜ	T14 bǐ rè róng
T14 róng huà	T14 qián rè	T14 bǐ qián rè
T14 qì huà	T14 róng huà	T14 qì huà

T14 atmospheric pressure	T14 phase change	T14 intermolecular
T15 mole	T15 amount of substance	T15 kelvin
T15 Avogadro constant	T15 atom	T15 monatomic

T14 fēn zǐ jiān	T14 xiāng biàn	T14 dà qì yā qiáng
T15 kāi ěr wén	T15 wù zhì dì liàng	T15 mó ěr
T15 dān yuán zi	T15 yuán zi	T15 ā fú gā dé luó cháng liàng

T15 molecule	T15 molar mass	T15 equation of state
T15 ideal gas	T15 pressure	T15 thermodynamic temperature
T15 volume	T15 molar gas constant	T15 Boltzmann constant

T15 zhuàng tài fāng chéng	T15 mó ěr zhì liàng	T15 fèn zǐ
T15 rè lì xué wēn dù	T15 yā qiáng	T15 lǐ xiǎng qì tǐ
T15 bō ěr zī màn cháng liàng	T15 mó ěr qì tǐ cháng liàng	T15 tǐ jī

T15 mean-square speed	T15 internal energy	T15 Boyle's law
T15 Charles's law	T15 pressure law	T15 kinetic theory
T15 random motion	T15 intermolecular	T15 elastic collision

T15 bō yì ěr dìng lǚ	T15 nèi néng	T15 jūn fāng sù lǚ
T15 fēn zǐ dòng lǐ lùn	T15 qì tǐ yā qiáng dìng lǚ	T15 chá lǐ dìng lǚ
T15 tán xìng pèng zhuàng	T15 fēn zǐ jiān	T15 wú guī zé yùn dòng

T15 kinetic energy	T15 momentum	T15 impulse
T15 mean square	T15 root-mean-square	T15 average translational kinetic energy
T15 translational kinetic energy	T16 internal energy	T16 kinetic energy

T15 chōng liàng	T15 dòng liàng	T15 dòng néng
T15 píng dòng dòng néng	T15 jūn fāng gēn	T15 jūn fāng
T16 dòng néng	T16 nèi néng	T15 píng dòng dòng néng

T16 molecule	T16 translational	T16 rotational
T16 vibrational	T16 ideal-gas	T16 intermolecular
T16 ideal gas	T16 temperature	T16 pressure

T16 zhuǎn dòng	T16 píng dòng	T16 fēn zǐ
T16 fēn zǐ jiān	T16 lǐ xiǎng qì tǐ	T16 zhèn dòng
T16 yā qiáng	T16 wēn dù	T16 lǐ xiǎng qì tǐ

T16 volume	T16 amount of substance	T16 thermodynamic temperature
T16 phase change	T16 latent heat	T16 piston
T16 first law of thermodynamics	T16 conservation of energy	T16 isothermal

T16 rè lì xué wēn dù	T16 wù zhì dì liàng	T16 tǐ jī
T16 huó sāi	T16 qián rè	T16 xiāng biàn
T16 děng wēn	T16 néng liàng shǒu héng	T16 rè lì xué dì yí dìng lǚ

T16 adiabatic	T16 heat capacity	T16 monatomic
T17 simple harmonic motion	T17 spring	T17 pendulum
T17 acceleration	T17 displacement	T17 equilibrium

T16 dān yuán zi	T16 rè róng	T16 jué rè
T17 dān bǎi	T17 tán huáng	T17 jiǎn xié yùn dòng
T17 píng héng	T17 wèi yí	T17 jiā sù dù

T17 angular frequency	T17 frequency	T17 capacitor
T17 amplitude	T17 period	T17 phase difference
T17 upthrust	T17 velocity	T17 kinetic energy

T17 diàn róng qì	T17 pín lǚ	T17 jiǎo pín lǚ
T17 xiàng wèi chā	T17 zhōu qī	T17 zhèn fú
T17 dòng néng	T17 sù dù	T17 fú lì

T17 damping	T17 conservation of energy	T17 air resistance
T17 friction	T17 drag	T17 light damping
T17 natural frequency	T17 critical damping	T17 galvanometer

T17 kōng qì zǔ lì	T17 néng liàng shǒu héng	T17 zǔ ní
T17 qīng zǔ ní	T17 zǔ lì	T17 mó cā lì
T17 jiǎn liú jì	T17 lín jiè zǔ ní	T17 gù yǒu pín lǚ

T17 voltmeter	T17 heavy damping	T17 forced oscillation
T17 resonance	T17 driving frequency	T17 resonance curve
T18 electric field	T18 force	T18 electric field strength

T17 shòu pò zhèn dòng	T17 guò zǔ ní	T17 diàn yā biǎo
T17 gòng zhèn qū xiàn	T17 qū dòng pín lǚ	T17 gòng zhèn
T18 diàn chǎng qiáng dù	T18 lì	T18 diàn chǎng

T18 test charge	T18 vector	T18 electron
T18 field line	T18 infinity	T18 conductor
T18 point charge	T18 dipole	T18 uniform field

T18 diàn zi	T18 shǐ liàng	T18 jiǎn yàn diàn hè
T18 dǎo tǐ	T18 wú qióng yuǎn	T18 chǎng xiàn
T18 yún qiáng chǎng	T18 ǒu jí zi	T18 diǎn diàn hè

T18 isolated	T18 potential gradient	T18 potential difference
T18 gravitational field	T18 kinetic energy	T18 parabolic
T18 projectile	T18 cathode-ray tube	T18 equilibrium

T18 diàn shì chā	T18 diàn shì tī dù	T18 gū lì de
T18 pāo wù xiàn	T18 dòng néng	T18 zhòng lì chǎng
T18 píng héng	T18 yīn jí shè xiàn guǎn	T18 pāo tǐ

T18 deflection	T18 Coulomb's law	T18 permittivity of free space
T18 tension	T18 nucleus	T18 resultant force
T18 centripetal force	T18 equipotential	T18 vector sum

T18 zhēn kōng diàn róng lǚ	T18 kù lún dīng lǚ	T18 piān zhuǎn
T18 hé lì	T18 yuán zǐ hé	T18 zhāng lì
T18 shǐ liàng hé	T18 děng shì miàn	T18 xiàng xīn lì

T18 electric potential	T18 scalar	T18 tangent
T18 negative potential gradient	T18 electric potential energy	T18 bound
T18 ionise	T18 gravitational potential	T19 capacitor

T18 qiè xiàn	T18 biāo liàng	T18 diàn shì
T18 shù fù	T18 diàn shì néng	T18 diàn shì tī dù
T19 diàn róng qì	T18 yǐn lì shì	T18 diàn lí

T19 conductor	T19 insulator	T19 dielectric
T19 vacuum	T19 potential difference	T19 terminal
T19 capacitance	T19 farad	T19 energy

T19 diàn jiè zhì	T19 jué yuán tǐ	T19 dǎo tǐ
T19 jiē xiàn duān	T19 diàn shì chā	T19 zhēn kōng
T19 néng liàng	T19 fǎ lǎ	T19 diàn róng

T19 dissipated	T19 resistor	T19 resistance
T19 Kirchhoff's second law	T19 exponential decay	T19 time constant
T19 intercept	T19 rectifier	T19 peak

T19 diàn zǔ	T19 diàn zǔ qì	T19 hào sàn
T19 shí jiān cháng shù	T19 zhǐ shù shuāi jiǎn	T19 jī ěr huò fū dì èr dìng lǚ
T19 fēng zhí	T19 zhěng liú qì	T19 jié jù

T19 ripple	T20 magnetic field	T20 bar magnet
T20 field line	T20 current	T20 force
T20 permanent magnet	T20 right-hand grip rule	T20 coil

T20 tiáo xíng cí tiě	T20 cí chǎng	T19 wén bō
T20 lì	T20 diàn liú	T20 chǎng xiàn
T20 xiàn quān	T20 yòu shǒu dìng zé	T20 yǒng cí tǐ

T20 long solenoid	T20 solenoid	T20 iron core
T20 electromagnet	T20 transformer	T20 ferrous
T20 magnetised	T20 couple	T20 uniform field

T20 tiě xīn	T20 luó xiàn guǎn	T20 luó xiàn guǎn
T20 hán tiě de	T20 biàn yā qì	T20 diàn cí tiě
T20 yún qiáng chǎng	T20 lì ǒu	T20 bèi cí huà

T20 magnetic flux density	T20 magnetic flux	T20 tesla
T20 Fleming's left-hand rule	T20 velocity	T20 electric field
T20 velocity selector	T20 kinetic energy	T20 centripetal force

T20 tè sī lā	T20 cí tōng liàng	T20 cí tōng mì dù
T20 diàn chǎng	T20 sù dù	T20 fú lái míng zuǒ shǒu dīng zé
T20 xiàng xīn lì	T20 dòng néng	T20 sù dù xuǎn zé qì

T20 momentum	T20 helix	T20 Hall effect
T20 Hall voltage	T20 drift velocity	T20 Hall probe
T20 semiconductor	T20 calibrate	T20 velocity selection

T20 huò ěr xiào yìng	T20 luó xuán	T20 dòng liàng
T20 huò ěr tàn tóu	T20 piāo yí sù dù	T20 huò ěr diàn yā
T20 sù dù xuǎn zé	T20 jiào zhǔn	T20 bàn dǎo tǐ

T20 electromagnetic induction	T20 weber	T20 flux linkage
T20 Lenz's law	T20 electromotive force	T20 Faraday's law
T20 conservation of energy	T20 wingspan	T20 galvanometer

T20 cí liàn	T20 wéi bó	T20 diàn cí gǎn yìng
T20 fǎ lǎ dì dīng lǚ	T20 diàn dòng shì	T20 léng cì dīng lǚ
T20 jiǎn liú jì	T20 yì zhǎn	T20 néng liàng shǒu héng

T20 eddy currents	T21 alternating current	T21 current
T21 voltage	T21 load	T21 period
T21 frequency	T21 angular frequency	T21 peak value

T21 diàn liú	T21 jiāo liú diàn	T20 wō liú
T21 zhōu qī	T21 fù zài	T21 diàn yā
T21 fēng zhí	T21 jiǎo pín lǜ	T21 pín lǜ

T21 peak-to-peak value	T21 cathode-ray oscilloscope	T21 time-base
T21 power	T21 root-mean-square	T21 resistance
T21 square wave	T21 rectification	T21 diode

T21 shí jī	T21 shì bō qì	T21 fēng fēng zhí
T21 diàn zǔ	T21 jūn fāng gēn	T21 gōng lǜ
T21 èr jí guǎn	T21 zhěng liú	T21 fāng bō

T21 forward-biased	T21 reverse-biased	T21 half-wave rectification
T21 smoothing	T21 capacitor	T21 full-wave rectification
T21 bridge rectifier	T21 time constant	T21 ripple

T21 bàn bō zhěng liú	T21 fǎn xiàng piān zhì	T21 zhèng xiàng piān zhì
T21 quán bō zhěng liú	T21 diàn róng qì	T21 píng huá
T21 wén bō	T21 shí jiān cháng shù	T21 qiáo shì zhěng liú qì

T22 photon	T22 quanta	T22 discrete
T22 particulate nature	T22 frequency	T22 Planck constant
T22 wavelength	T22 electronvolt	T22 kinetic energy

T22 fēn lì	T22 liàng zǐ	T22 guāng zi
T22 pǔ lǎng kè cháng liàng	T22 pín lǚ	T22 lì zi xìng
T22 dòng néng	T22 diàn zi fú tè	T22 bō cháng

T22 electron	T22 potential difference	T22 work function
T22 energy level	T22 momentum	T22 Radiation pressure
T22 photoelectric effect	T22 photoelectron	T22 threshold frequency

T22 yì chū gōng	T22 diàn shì chā	T22 diàn zi
T22 fú shè yā	T22 dòng liàng	T22 néng jí
T22 jí xiàn pín lǚ	T22 guāng diàn zi	T22 guāng diàn xiào yìng

T22 threshold wavelength	T22 stopping potential	T22 wave–particle duality
T22 interference	T22 diffraction grating	T22 diffraction
T22 electron diffraction	T22 de Broglie wavelength	T22 crystal lattice

T22 bō lì èr xiàng xìng	T22 è zhǐ diàn shì	T22 jí xiàn bō cháng
T22 yǎn shè	T22 yǎn shè guāng shān	T22 gān shè
T22 jīng gé	T22 dé bù luó yì bō cháng	T22 diàn zì yǎn shè

T22 polycrystalline	T22 ground state	T22 excited state
T22 transition	T22 emission spectrum	T22 absorption spectrum
T22 annihilate	T23 mass-energy equivalence	T23 energy

T22 jī fā tài	T22 jī tài	T22 duō jīng de
T22 xī shōu guāng pǔ	T22 fā shè guāng pǔ	T22 yuè qiān
T23 néng liàng	T23 zhì néng děng jià	T22 yān miè

T23 nuclear fusion	T23 luminosity	T23 nuclear reaction
T23 nucleon number	T23 conservation of charge	T23 neutron
T23 proton	T23 positron	T23 neutrino

T23 hé fǎn yìng	T23 guāng dù	T23 hé jù biàn
T23 zhōng zǐ	T23 diàn hè shǒu héng	T23 hé zǐ shù
T23 zhōng wēi zǐ	T23 zhèng diàn zi	T23 zhì zi

T23 nucleus	T23 mass defect	T23 binding energy
T23 binding energy per nucleon	T23 nuclear fission	T23 kinetic energy
T23 electrostatic	T23 strong nuclear force	T23 chain reaction

T23 jié hé néng	T23 zhì liàng kuī sǔn	T23 yuán zǐ hé
T23 dòng néng	T23 hé liè biàn	T23 bǐ jié hé néng
T23 liàn shì fǎn yìng	T23 qiáng hé lì	T23 jìng diàn

T23 critical mass	T23 recoil	T23 half-life
T23 decay constant	T23 activity	T23 random
T23 spontaneous	T23 count rate	T23 Geiger counter

T23 bàn shuāi qī	T23 fǎn chōng	T23 lín jiè zhì liàng
T23 suí jī	T23 huó dù	T23 shuāi biàn cháng shù
T23 gài gé jì shù qì	T23 jì shù lǚ	T23 zì fā

T23 radionuclide	T23 becquerel	T23 exponential decay
T23 background radiation	T24 ultrasound	T24 piezo-electric
T24 electromotive force	T24 transducer	T24 longitudinal

T23 zhǐ shù shuāi jiǎn	T23 bèi kè lēi ěr	T23 fàng shè xìng hé sù
T24 yā diàn	T24 chāo shēng bō	T23 běn dǐ fú shè
T24 zòng bō	T24 huàn néng qì	T24 diàn dòng shì

T24 pulse-echo	T24 coupling gel	T24 resolution
T24 specific acoustic impedance	T24 density	T24 intensity reflection coefficient
T24 attenuation coefficient	T24 X-ray tube	T24 cathode

T24 fēn biàn lǚ	T24 ǒu hé jì	T24 mài chōng huí bō
T24 qiáng dù fǎn shè xī shù	T24 mì dù	T24 shēng zǔ kàng
T24 yīn jí	T24 X X shè xiàn guǎn	T24 shuāi jiǎn xī shù

T24 electron	T24 thermionic emission	T24 vacuum
T24 target	T24 anode	T24 tungsten
T24 kinetic energy	T24 energy	T24 photon

T24 zhēn kōng	T24 rè diàn zi fā shè	T24 diàn zi
T24 wū	T24 yáng jí	T24 bǎ
T24 guāng zi	T24 néng liàng	T24 dòng néng

T24 Bremsstrahlung	T24 characteristic	T24 hardness
T24 momentum	T24 attenuate	T24 contrast
T24 contrast medium	T24 sharpness	T24 half-value thickness

T24 yìng dù	T24 tè zhēng	T24 rèn zhì fú shè
T24 duì bǐ dù	T24 shuāi jiǎn	T24 dòng liàng
T24 bàn zhí hòu dù	T24 qīng xī dù	T24 zào yǐng jì

T24 computed tomography	T24 tracer	T24 metabolism
T24 positron emission tomography	T24 positron	T24 antiparticle
T24 annihilate	T25 luminosity	T25 power

T24 dài xiè	T24 shì zōng jì	T24 jì suàn jī duàn céng sǎo miáo
T24 fǎn lì zì	T24 zhèng diàn zì	T24 zhèng diàn zì fā shè duàn céng sǎo miáo
T25 gōng lǚ	T25 guāng dù	T24 yān miè

T25 energy	T25 radiant flux intensity	T25 inverse-square law
T25 standard candle	T25 Cepheid variables	T25 Type Ia supernovae
T25 parallax	T25 light years	T25 blackbody

T25 píng fāng fǎn bǐ dīng lǚ	T25 fú shè tōng liàng mì dù	T25 néng liàng
T25 chāo xīn xīng	T25 zào fù biàn xīng	T25 biāo zhǔn zhú guāng
T25 hēi tǐ	T25 guāng nián	T25 shì chā

T25 wavelength	T25 temperature	T25 Wien's displacement law
T25 Stefan–Boltzmann constant	T25 Stefan–Boltzmann law	T25 spectral lines
T25 redshift	T25 recession	T25 blueshifted

T25 wéi ēn wèi yí dìng lǚ	T25 wēn dù	T25 bō cháng
T25 pǔ xiàn	T25 - sī tè fān - bō ěr zī màn dìng lǚ	T25 - sī tè fān - bō ěr zī màn cháng liàng
T25 lán yí	T25 tuì xíng	T25 hóng yí

T25 Doppler effect	T25 Hubble's law	T25 Hubble constant
T25 Big Bang	T25 cosmic microwave background	T25 supernovae

T25 hā bó cháng shù	T25 hā bó dìng lǚ	T25 duō pǔ lè xiào yìng
T25 chāo xīn xīng	T25 yǔ zhòu wēi bō bèi jǐng	T25 dà bào zhà