T8 electric charge	T8 quantized	T8 elementary charge
T8 conservation of charge	T8 point charge	T8 Coulomb's law
T8 inverse-square	T8 superposition	T8 fundamental property

T8 基本电荷 jī běn diàn hè	T8 量子化 liàng zǐ huà	T8 电荷 diàn hè
T8 库仑定律 kù lún dìng lǜ	T8 点电荷 diǎn diàn hè	T8 电荷守恒 diàn hè shǒu héng
T8 基本属性 jī běn shǔ xìng	T8 叠加 dié jiā	T8 平方反比 píng fāng fǎn bǐ

T8 permittivity of free space	T8 conductor	T8 insulator
T8 charging by friction	T8 charging by conduction	T8 charging by induction
T8 ground	T8 polarization	T8 electroscope

T8

绝缘体

jué yuán tǐ

T8

导体

dǎo tǐ

T8

真空介电常数

zhēn kōng jiè diàn cháng shù

T8

感应起电

gǎn yìng qǐ diàn

T8

传导起电

chuán dǎo qǐ diàn

T8

摩擦起电

mó cā qǐ diàn

T8

验电器

yàn diàn qì

T8

极化

jí huà

T8

接地

jiē dì

T8 electric field	T8 test charge	T8 field lines
T8 uniform	T8 continuous charge distribution	T8 linear charge density
T8 surface charge density	T8 volume charge density	T8 symmetry

T8 电场线 diàn chǎng xiàn	T8 检验电荷 jiǎn yàn diàn hè	T8 电场 diàn chǎng
T8 线电荷密度 xiàn diàn hè mì dù	T8 连续电荷分布 lián xù diàn hè fēn bù	T8 均匀 jūn yún
T8 对称性 duì chèn xìng	T8 体电荷密度 tǐ diàn hè mì dù	T8 面电荷密度 miàn diàn hè mì dù

T8 electric flux	T8 area vector	T8 Gauss's law
T8 Gaussian surface	T8 spherical symmetry	T8 cylindrical symmetry
T8 planar symmetry	T9 work	T9 electric potential energy

T8

高斯定律

gāo sī dìng lǜ

T8

面积矢量

miàn jī shǐ liàng

T8

电通量

diàn tōng liàng

T8

柱对称

zhù duì chèn

T8

球对称

qiú duì chèn

T8

高斯面

gāo sī miàn

T9

电势能

diàn shì néng

T9

功

gōng

T8

平面对称

píng miàn duì chèn

T9 kinetic energy	T9 conservative force	T9 system
T9 electron volt	T9 Electric potential	T9 scalar
T9 superposition	T9 continuous charge distribution	T9 integrate

T9 系统 xì tǒng	T9 保守力 bǎo shǒu lì	T9 动能 dòng néng
T9 标量 biāo liàng	T9 电势 diàn shì	T9 电子伏特 diàn zi fú tè
T9 积分 jī fēn	T9 连续电荷分布 lián xù diàn hè fēn bù	T9 叠加 dié jiā

T9 gradient	T9 potential difference	T9 equipotential
T9 isoline	T9 perpendicular	T9 field lines
T10 conductor	T10 electrostatic equilibrium	T10 perpendicular

T9 等势面 děng shì miàn	T9 电势差 diàn shì chā	T9 梯度 tī dù
T9 电场线 diàn chǎng xiàn	T9 垂直 chuí zhí	T9 等值线 děng zhí xiàn
T10 垂直 chuí zhí	T10 静电平衡 jìng diàn píng héng	T10 导体 dǎo tǐ

T10 equipotential surface	T10 electrostatic shielding	T10 Faraday cage
T10 ground	T10 induced charge	T10 capacitor
T10 capacitance	T10 parallel-plate capacitor	T10 superposition

T10

法拉第笼

fǎ lā dì lóng

T10

静电屏蔽

jìng diàn píng bì

T10

等势面

děng shì miàn

T10

电容器

diàn róng qì

T10

感应电荷

gǎn yìng diàn hè

T10

接地

jiē dì

T10

叠加

dié jiā

T10

平行板电容器

píng xíng bǎn diàn róng qì

T10

电容

diàn róng

T10 uniform	T10 projectile motion	T10 work
T10 parallel	T10 series	T10 dielectric
T10 polarized	T10 dielectric constant	T10 permittivity of free space

T10 功 gōng	T10 抛体运动 pāo tǐ yùn dòng	T10 均匀 jūn yún
T10 电介质 diàn jiè zhì	T10 串联 chuàn lián	T10 并联 bìng lián
T10 真空介电常数 zhēn kōng jiè diàn cháng shù	T10 介电常数 jiè diàn cháng shù	T10 极化 jí huà

T11 Electric current	T11 amperes	T11 drift velocity
T11 cross-sectional area	T11 current density	T11 scalar
T11 circuit diagram	T11 series	T11 parallel

T11 漂移速度 piāo yí sù dù	T11 安培 ān péi	T11 电流 diàn liú
T11 标量 biāo liàng	T11 电流密度 diàn liú mì dù	T11 横截面积 héng jié miàn jī
T11 并联 bìng lián	T11 串联 chuàn lián	T11 电路图 diàn lù tú

T11 Resistance	T11 resistivity	T11 Ohm's law
T11 ohmic	T11 equivalent resistance	T11 ideal battery
T11 internal resistance	T11 terminal voltage	T11 ammeter

T11 欧姆定律 ōu mǔ dìng lǜ	T11 电阻率 diàn zǔ lǜ	T11 电阻 diàn zǔ
T11 理想电池 lǐ xiǎng diàn chí	T11 等效电阻 děng xiào diàn zǔ	T11 欧姆性 ōu mǔ xìng
T11 电流表 diàn liú biǎo	T11 端电压 duān diàn yā	T11 内阻 nèi zǔ

T11 voltmeter	T11 Kirchhoff's loop rule	T11 Kirchhoff's junction rule
T11 junction	T11 equivalent capacitance	T11 time constant
T11 steady state	T11 RC circuit	T12 magnetic field

T11

基尔霍夫节点定则

jī ěr huò fū jié diǎn dìng zé

T11

基尔霍夫回路定则

jī ěr huò fū huí lù dìng zé

T11

电压表

diàn yā biǎo

T11

时间常数

shí jiān cháng shù

T11

等效电容

děng xiào diàn róng

T11

节点

jié diǎn

T12

磁场

cí chǎng

T11

RC 电路

RC diàn lù

T11

稳态

wěn tài

T12 vector field	T12 magnetic field lines	T12 Maxwell's equations
T12 magnetic monopoles	T12 magnetic dipole	T12 compass
T12 ferromagnetic	T12 magnetic domains	T12 paramagnetic

T12 麦克斯韦方程组 mài kè sī wéi fāng chéng zǔ	T12 磁感线 cí gǎn xiàn	T12 矢量场 shǐ liàng chǎng
T12 指南针 zhǐ nán zhēn	T12 磁偶极子 cí ǒu jí zi	T12 磁单极子 cí dān jí zi
T12 顺磁性 shùn cí xìng	T12 磁畴 cí chóu	T12 铁磁性 tiě cí xìng

T12 diamagnetic	T12 magnetic permeability	T12 perpendicular
T12 centripetal force	T12 velocity selector	T12 Hall effect
T12 Biot–Savart law	T12 tangent	T12 concentric circles

T12 垂直 chuí zhí	T12 磁导率 cí dǎo lǜ	T12 抗磁性 kàng cí xìng
T12 霍尔效应 huò ěr xiào yìng	T12 速度选择器 sù dù xuǎn zé qì	T12 向心力 xiàng xīn lì
T12 同心圆 tóng xīn yuán	T12 相切 xiāng qiè	T12 毕奥-萨伐尔定律 bì ào - sà fá ěr dìng lǜ

T12 Ampère's law	T12 Amperian loop	T12 current density
T12 superposition	T12 solenoid	T13 Magnetic flux
T13 surface integral	T13 area vector	T13 emf

T12 电流密度 diàn liú mì dù	T12 安培环路 ān péi huán lù	T12 安培定律 ān péi dìng lǜ
T13 磁通量 cí tōng liàng	T12 螺线管 luó xiàn guǎn	T12 叠加 dié jiā
T13 电动势 diàn dòng shì	T13 面积矢量 miàn jī shǐ liàng	T13 面积分 miàn jī fēn

T13 Faraday's law	T13 Lenz's law	T13 induced current
T13 right-hand rule	T13 motional emf	T13 Maxwell's equations
T13 electromagnetic waves	T13 eddy currents	T13 generator

T13 感应电流 gǎn yìng diàn liú	T13 楞次定律 léng cì dìng lǜ	T13 法拉第定律 fǎ lā dì dìng lǜ
T13 麦克斯韦方程组 mài kè sī wéi fāng chéng zǔ	T13 动生电动势 dòng shēng diàn dòng shì	T13 右手定则 yòu shǒu dìng zé
T13 发电机 fā diàn jī	T13 涡电流 wō diàn liú	T13 电磁波 diàn cí bō

T13 inductance	T13 inductor	T13 solenoid
T13 magnetic permeability	T13 differential equation	T13 time constant
T13 oscillates	T13 simple harmonic motion	T13 conservation of energy

T13 螺线管 luó xiàn guǎn	T13 电感器 diàn gǎn qì	T13 电感 diàn gǎn
T13 时间常数 shí jiān cháng shù	T13 微分方程 wēi fēn fāng chéng	T13 磁导率 cí dǎo lǜ
T13 能量守恒 néng liàng shǒu héng	T13 简谐运动 jiǎn xié yùn dòng	T13 振荡 zhèn dàng

T13

RL circuit

T13

LC circuit

	T13 LC 电路 LC diàn lù	T13 RL 电路 RL diàn lù