

Electric Circuits

AP Physics C: Electricity and Magnetism · Vocabulary

English	中文	Pinyin
 Electric current	电流	diàn liú
 amperes	安培	ān péi
\rightarrow drift velocity	漂移速度	piāo yí sù dù
 cross-sectional area	横截面积	héng jié miàn jī
 Current density	电流密度	diàn liú mì dù
# scalar	标量	biāo liàng
 circuit diagram	电路图	diàn lù tú
 series	串联	chuàn lián
= parallel	并联	bìng lián
 Resistance	电阻	diàn zǔ
ρ resistivity	电阻率	diàn zǔ lǜ
 Ohm's law	欧姆定律	ōu mǔ dìng lǜ
ρ ohmic	欧姆性	ōu mǔ xìng
 equivalent resistance	等效电阻	děng xiào diàn zǔ
 ideal battery	理想电池	lǐ xiǎng diàn chí
ρ internal resistance	内阻	nèi zǔ
 terminal voltage	端电压	duān diàn yā
 ammeter	电流表	diàn liú biǎo
 voltmeter	电压表	diàn yā biǎo
 Kirchhoff's loop rule	基尔霍夫回路 定则	jī ěr huò fū huí lù dìng zé
 Kirchhoff's junction rule	基尔霍夫节点 定则	jī ěr huò fū jié diǎn dìng zé
 junction	节点	jié diǎn
 equivalent capacitance	等效电容	děng xiào diàn róng
 RC circuit	RC 电路	RC diàn lù
 time constant	时间常数	shí jiān cháng shù
 steady state	稳态	wěn tài