

# Electromagnetic Induction

## AP Physics C: Electricity and Magnetism · Vocabulary

English	中文	Pinyin
 Magnetic flux	磁通量	cí tōng liàng
 surface integral	面积分	miàn jī fēn
 area vector	面积矢量	miàn jī shǐ liàng
 emf	电动势	diàn dòng shì
 Faraday's law	法拉第定律	fǎ lǎ dì dìng lǜ
 Lenz's law	楞次定律	léng cì dìng lǜ
 induced current	感应电流	gǎn yìng diàn liú
 right-hand rule	右手定则	yòu shǒu dìng zé
 motional emf	动生电动势	dòng shēng diàn dòng shì
 Maxwell's equations	麦克斯韦方程组	mài kè sī wéi fāng chéng zǔ
 electromagnetic waves	电磁波	diàn cí bō
 eddy currents	涡电流	wō diàn liú
 generator	发电机	fā diàn jī
 inductance	电感	diàn gǎn
 inductor	电感器	diàn gǎn qì
 solenoid	螺线管	luó xiàn guǎn
 magnetic permeability	磁导率	cí dǎo lǜ
 RL circuit	RL 电路	RL diàn lù
 differential equation	微分方程	wēi fēn fāng chéng
 time constant	时间常数	shí jiān cháng shù
 LC circuit	LC 电路	LC diàn lù
 oscillates	振荡	zhèn dǎng
 simple harmonic motion	简谐运动	jiǎn xié yùn dòng
 conservation of energy	能量守恒	néng liàng shǒu héng