

# Magnetic Fields and Electromagnetism

AP Physics C: Electricity and Magnetism · Vocabulary

English	中文	Pinyin
 magnetic field	磁场	cí chǎng
 vector field	矢量场	shǐ liàng chǎng
 magnetic field lines	磁感线	cí gǎn xiàn
 Maxwell's equations	麦克斯韦方程组	mài kè sī wéi fāng chéng zǔ
 magnetic monopoles	磁单极子	cí dān jí zǐ
 magnetic dipole	磁偶极子	cí ǒu jí zǐ
 compass	指南针	zhǐ nán zhēn
 Ferromagnetic	铁磁性	tiě cí xìng
 magnetic domains	磁畴	cí chóu
 Paramagnetic	顺磁性	shùn cí xìng
 Diamagnetic	抗磁性	kàng cí xìng
 magnetic permeability	磁导率	cí dǎo lǜ
 perpendicular	垂直	chuí zhí
 centripetal force	向心力	xiàng xīn lì
 velocity selector	速度选择器	sù dù xuǎn zé qì
 Hall effect	霍尔效应	huò ěr xiào yìng
 Biot-Savart law	毕奥-萨伐尔定律	bì ào - sà fá ěr dìng lǜ
 tangent	相切	xiāng qiè
 concentric circles	同心圆	tóng xīn yuán
 Ampère's law	安培定律	ān péi dìng lǜ
 Amperian loop	安培环路	ān péi huán lù
 current density	电流密度	diàn liú mì dù
 superposition	叠加	dié jiā
 solenoid	螺线管	luó xiàn guǎn