

Thermodynamics

A-Level Physics · Vocabulary

English	中文	Pinyin
↻ internal energy	内能	nèi néng
↔ kinetic energy	动能	dòng néng
⬡ molecule	分子	fēn zǐ
↔ translational	平动	píng dòng
↻ rotational	转动	zhuǎn dòng
↻ vibrational	振动	zhèn dòng
⇌ ideal gas	理想气体	lǐ xiǎng qì tǐ
↻ intermolecular	分子间	fēn zǐ jiān
ℳ temperature	温度	wēn dù
↓ pressure	压强	yā qiáng
⬡ volume	体积	tǐ jī
⬡ amount of substance	物质的量	wù zhì dì liàng
ℳ thermodynamic temperature	热力学温度	rè lì xué wēn dù
↻ phase change	相变	xiāng biàn
⬡ first law of thermodynamics	热力学第一定律	rè lì xué dì yí dìng lǜ
⬡ conservation of energy	能量守恒	néng liàng shǒu héng
ℳ isothermal	等温	děng wēn
⬡ adiabatic	绝热	jué rè
↕ piston	活塞	huó sāi
⬡ heat capacity	热容	rè róng
○ monatomic	单原子	dān yuán zì
💧 latent heat	潜热	qián rè