

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 |
| 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 |
| 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 |
| 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 zǐ |
| latent heat | 潜热 | qián rè |