International Baccalaureate · IB Diploma · Physics · HL

Glossary · every term in the course, A–Z

English

absolute temperature
/ˈæbsəluːt ˈtemprɪtʃə/

acceleration
/əkˌselə ˈreɪʃn/

adaptation
/ˌædæp ˈteɪʃn/

adiabatic
/ˌædiə ˈbætɪk/

antinode
/ˌæntɪ ˈnəʊd/

antiphase
/ˌæntɪ ˈfeɪz/

background radiation
/ˈbækgraʊnd ˌreɪdɪ ˈeɪʃn/

centripetal force
/senˈtrɪpɪtl fɔːs/

chain reaction
/tʃeɪn rɪ ˈækʃn/

coherent
/kəʊ ˈhɪərənt/

critical angle
/ˈkrɪtɪkl ˈæŋgl/

Critical damping
/ˈkrɪtɪkl ˈdæmpɪŋ/

current
/ˈkʌrənt/

damping
/ˈdæmpɪŋ/

diffraction
/dɪ ˈfrækʃn/

diffraction grating
/dɪ ˈfrækʃn ˈgreɪtɪŋ/

Doppler shift
/ˈdɒplə ʃift/

English

driving frequency
/ˈdraɪvɪŋ ˈfriːkwənsi/
efficiency
/ɪˈfɪʃənsi/
electric field strength
/ɪˈlektrɪk fiːld streŋθ/
emission spectrum
/ɪˈmɪʃn ˈspektrəm/
energy level
/ˈenədʒi ˈlevl/
first harmonic
/fɜːst hɑːˈmɒnɪk/
fission
/ˈfɪʃn/
flux
/flʌks/
frequency
/ˈfriːkwənsi/
fringes
/ˈfrɪndʒɪz/
gravitational field
/ˌgrævɪˈteɪʃənl fiːld/
half-life
/hɑːf laɪf/
ideal gas
/aɪˈdɪəl gæs/
in phase
/ɪn feɪz/
induction
/ɪnˈdʌkʃn/
inertial frame
/ɪˈnɜːʃl freɪm/
internal energy
/ɪnˈtɜːnl ˈenədʒi/
latent heat
/ˈleɪtənt hiːt/
luminosity
/ˌluːmɪˈnɒsɪti/
magnetic force
/mægˈnetɪk fɔːs/

English

mitigation

/ˌmɪtɪˈgeɪʃn/

moment of inertia

/ˈməʊmənt ɒv ɪˈnɜːʃə/

momentum

/məʊˈmentəm/

natural frequency

/ˈnætʃərəl ˈfriːkwənsi/

node

/nəʊd/

normal

/ˈnɔːml/

path difference

/pæθ ˈdɪfrəns/

photon

/ˈfəʊtɒn/

potential difference

/pəˈtenʃl ˈdɪfrəns/

power

/ˈpaʊə/

proper time

/ˈprɒpə taɪm/

redshift

/ˈredʃɪft/

Reflection

/rɪˈflekʃn/

Refraction

/rɪˈfrækʃn/

resonance

/ˈrezənəns/

rest wavelength

/rest ˈweɪvleŋθ/

resultant force

/rɪˈzʌltənt fɔːs/

Single-slit diffraction

/ˈsɪŋgl slɪt dɪˈfrækʃn/

specific heat capacity

/spəˈsɪfɪk hiːt kəˈpæsɪti/

standing wave

/ˈstændɪŋ weɪv/

English

superposition

/ˌsuːpəpəˈzɪʃn/

systematic error

/ˌsɪstəˈmætɪk ˈerə/

test charge

/test tʃɑːdʒ/

torque

/tɔːk/

total internal reflection

/ˈtəʊtl ɪnˈtɜːnl rɪˈflekʃn/

transformer

/trænsˈfɔːmə/

Transmission

/trænˈsmɪʃn/

uncertainty

/ʌnˈsɜːtənti/

velocity

/vəˈlɒsɪti/

wavefront

/ˈweɪvfrʌnt/

wavelength

/ˈweɪvleŋθ/

work function

/wɜːk ˈfʌŋkʃn/