International Baccalaureate · IB Diploma · Physics · HL

Glossary · every term in the course, A–Z

English

absolute temperature
/ˈæbsəluːt ˈtemprɪtʃə/

acceleration
/əkˌselə'reɪʃn/

adaptation
/ˌædæp'teɪʃn/

adiabatic
/ˌædiə'bætɪk/

antinode
/ˌæntɪ'nəʊd/

antiphase
/ˌæntɪ'feɪz/

background radiation
/'bækgraʊnd ˌreɪdɪ'eɪʃn/

centripetal force
/sen'trɪpɪtl fɔːs/

chain reaction
/tʃeɪn rɪ'ækʃn/

coherent
/kəʊ'hɪərənt/

critical angle
/'krɪtɪkl 'æŋgl/

Critical damping
/'krɪtɪkl 'dæmpɪŋ/

current
/'kʌrənt/

damping
/'dæmpɪŋ/

diffraction
/dɪ'frækʃn/

diffraction grating
/dɪ'frækʃn 'greɪtɪŋ/

Doppler shift
/'dɒplə ʃift/

English

driving frequency
/'draɪvɪŋ 'friːkwənsi/

efficiency
/ɪ'fɪʃənsi/

electric field strength
/ɪ'lektrɪk fiːld streŋθ/

emission spectrum
/ɪ'mɪʃn 'spektrəm/

energy level
/'enədʒi 'levl/

first harmonic
/fɜːst hɑː'mɒnɪk/

fission
/'fɪʃn/

flux
/flʌks/

frequency
/'friːkwənsi/

fringes
/'frɪndʒɪz/

gravitational field
/ˌgrævɪ'teɪʃənl fiːld/

half-life
/hɑːf laɪf/

ideal gas
/aɪ'dɪəl gæs/

in phase
/ɪn feɪz/

induction
/ɪn'dʌkʃn/

inertial frame
/ɪ'nɜːʃl freɪm/

internal energy
/ɪn'tɜːnl 'enədʒi/

latent heat
/'leɪtənt hiːt/

luminosity
/ˌluːmɪ'nɒsɪti/

magnetic force
/mæg'netɪk 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/