N5	H	AH	Physical Quantity	Symbol	Unit	Unit Abbrev
5			absorbed dose	D	gray	Gy
5			absorbed dose rate	$\dot{D}$	gray per second gray per hour gray per year	$Gy s^{-1}$ $Gy h^{-1}$ $Gy y^{-1}$
5	6	7	acceleration	a	metre per second per second	$m\ s^{-2}$
5	6	7	acceleration due to gravity	g	metre per second per second	$m\ s^{-2}$
5			activity	A	becquerel	Bq
5	6	7	amplitude	A	metre	m
5	6	7	angle	θ	degree	°
5	6	7	area	A	square metre	m^2
5	6	7	average speed	$\bar{v}$	metre per second	$m\ s^{-1}$
5	6	7	average velocity	$\bar{v}$	metre per second	$m\ s^{-1}$
5	6	7	change of speed	Δv	metre per second	$m\ s^{-1}$
5	6	7	change of velocity	Δv	metre per second	$m\ s^{-1}$
5			count rate	-	counts per second (counts per minute)	-
5	6	7	current	I	ampere	A
5	6	7	displacement	s	metre	m
5	6	7	distance	d	metre, light year	m , ly
5	6	7	distance, depth, height	d or h	metre	m
5			effective dose	H	sievert	Sv
5	6	7	electric charge	Q	coulomb	C

N5	H	AH	Physical Quantity	Symbol	Unit	Unit Abbrev
5	6	7	electric charge	Q or q	coulomb	C
5	6	7	electric current	I	ampere	A
5	6	7	energy	E	joule	J
5			equivalent dose	H	sievert	Sv
5			equivalent dose rate	$\dot{H}$	sievert per second sievert per hour	Svs^{-1} Svh^{-1}
5	6	7	final velocity	v	metre per second	$m\ s^{-1}$
5	6	7	force	F	newton	N
5	6	7	force, tension, upthrust, thrust	F	newton	N
5	6	7	frequency	f	hertz	Hz
5	6	7	gravitational field strength	g	newton per kilogram	$N\ kg^{-1}$
5	6	7	gravitational potential energy	E_p	joule	J
5			half-life	$t_{1/2}$	second (minute, hour, day, year)	s
5	6		heat energy	E_h	joule	J
5	6	7	height, depth	h	metre	m
5	6	7	initial speed	u	metre per second	m/s
5	6	7	initial velocity	u	metre per second	$m\ s^{-1}$
5	6	7	kinetic energy	E_k	joule	J
5	6	7	length	l	metre	m
5	6	7	mass	m	kilogram	kg
5			number of nuclei decaying	N	-	-

N5	H	AH	Physical Quantity	Symbol	Unit	Unit Abbrev
5	6	7	period	T	second	s
5	6	7	potential difference	V	volt	V
5	6	7	potential energy	E_p	joule	J
5	6	7	power	P	watt	W
5	6	7	pressure	P or p	pascal	Pa
5			radiation weighting factor	w_R	-	-
5	6	7	radius	r	metre	m
5	6	7	resistance	R	ohm	Ω
5	6	7	specific heat capacity	c	joule per kilogram per degree Celsius	$Jkg^{-1}\,°C^{-1}$
5	6		specific latent heat	l	joule per kilogram	Jkg^{-1}
5	6	7	speed of light in a vacuum	c	metre per second	$m\,s^{-1}$
5	6	7	speed, final speed	v	metre per second	m/s
5	6	7	speed, velocity, final velocity	v	metre per second	$m\,s^{-1}$
5	6	7	supply voltage	V_s	volt	V
5	6	7	temperature	T	degree Celsius	°C
5	6	7	temperature	T	kelvin	K
5	6	7	time	t	second	s
5	6	7	total resistance	R_T	ohm	Ω

N5	H	AH	Physical Quantity	Symbol	Unit		Unit Abbrev
5	6	7	voltage	V	volt		V
5	6	7	voltage, potential difference	V	volt		V
5	6	7	volume	V	cubic metre		m^3
5	6	7	weight	W	newton		N
5	6	7	work done	W or E_W	joule		J
		7	angle	θ	radian		rad
		7	angular acceleration	α	radian per second per second		$rad\ s^{-2}$
		7	angular displacement	θ	radian		rad
		7	angular frequency	ω	radian per second		$rad\ s^{-1}$
		7	angular momentum	L	kilogram metre squared per second		$kg\ m^2\ s^{-1}$
		7	angular velocity,	ω	radian per second		$rad\ s^{-1}$
		7	apparent brightness	b	Watts per square metre		Wm^{-2}
		7	back emf	ε	volt		V
	6	7	capacitance	C	farad		F
		7	capacitive reactance	Xc	ohm		Ω
	6		critical angle	θc	degree		$^\circ$
			density	ρ	kilogram per cubic metre		$kg\ m^{-3}$
		7	displacement	s or x or y	metre		m
			efficiency	η	-		-
	6	7	electric field strength	E	newton per coulomb volts per metre		$N\ C$ Vm^{-1}
		7	electrical potential	V	volt		V

N5	H	AH	Physical Quantity	Symbol	Unit	Unit Abbrev
	6	7	electromotive force (e.m.f)	E or ε	volt	V
	6		energy level	E_1, E_2, etc	joule	J
			feedback resistance	R_f	ohm	Ω
			focal length of a lens	f	metre	m
	6		frequency of source	f_s	hertz	Hz
	6	7	fringe separation	Δx	metre	m
	6	7	grating to screen distance	D	metre	m
		7	gravitational potential	U or V	joule per kilogram	$J\,kg^{-1}$
			half-value thickness	$T_{1/2}$	metre	m
	6	7	impulse	(Δp)	newton second	Ns
		7	induced e.m.f.	E or ε	volt	V
		7	inductor reactance	X_L	ohm	Ω
		7	initial angular velocity	ω_o	radian per second	$rad\,s^{-1}$
			input energy	E_i	joule	J
			input power	Pi	watt	W
			input voltage	V_1 or V_2	volt	V
			input voltage	Vi	volt	V
	6		internal resistance	r	ohm	Ω

N5	H	AH	Physical Quantity	Symbol	Unit	Unit Abbrev
	6	7	irradiance	I	watt per square metre	$W\,m^{-2}$
		7	luminoscity	L	Watt	W
		7	magnetic induction	B	tesla	T
		7	moment of inertia	I	kilogram metre squared	$kg\,m^{2}$
	6	7	momentum	p	kilogram metre per second	$kg\,m\,s^{-1}$
	6		number of photons per second per cross sectional area	N	-	-
			number of turns on primary coil	n_p	-	-
			number of turns on secondary	n_s	-	-
	6		observed wavelength	$\lambda_{observed}$	metre	m
			output energy	E_o	joule	J
			output power	P_o	watt	W
			output voltage	V_o	volt	V
	6		peak current	I_{peak}	ampere	A
	6		peak voltage	V_{peak}	volt	V
		7	phase angle	Φ	radian	rad
	6	7	Planck's constant	h	joule second	Js
		7	polarising angle (Brewster's angle)	i_p	degree	°
			power (of a lens)	P	dioptre	D
			power gain	P_{gain}	-	-
		7	Power per unit area		Watts per square metre	Wm^{-2}
			primary current	I_p	ampere	A
			primary voltage	V_p	volt	V

N5	H	AH	Physical Quantity	Symbol	Unit	Unit Abbrev
		7	radial acceleration	a_r	metre per second per second	m s-2
	6		redshift	z	-	-
	6	7	refractive index	n	-	-
	6		relativistic length	l'	metre	m
	6		relativistic time	t'	second	s
			rest mass	m_o	kilogram	kg
	6		rest wavelength	λ_{rest}	metre	m
	6		root mean square current	I_{rms}	ampere	A
	6		root mean square voltage	V_{rms}	volt	V
		7	rotational kinetic energy	E_{rot}	joule	J
		7	schwarzchild radius	$r_{Schwarzchild}$	metre	m
			secondary current	I_s	ampere	A
			secondary voltage	V_s	volt	V
		7	self-inductance	L	henry	H
	6	7	slit separation	d	metre	m
		7	tangential acceleration	a_t	metre per second per second	m s^{-2}
	6		threshold frequency	f_o	hertz	Hz
		7	time constant	t	second	s
		7	torque	T	newton metre	Nm
		7	uncertainty in Energy	ΔE	joule	J

N5	H	AH	Physical Quantity	Symbol	Unit	Unit Abbrev
		7	uncertainty in momentum	Δp_x	kilogram metre per second	$kgms^{-1}$
		7	uncertainty in position	Δx	metre	m
		7	uncertainty in time	Δt	second	s
	6		velocity of observer	v_o	metre per second	$m\ s^{-1}$
	6		velocity of source	v_s	metre per second	$m\ s^{-1}$
			voltage gain	-	-	-
			voltage gain	A_o or V_{gain}	-	-
	6		work function	W	joule	J