



CHAPTER 15

Units Used In The Book

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1 Quantities used in the book

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1 QUANTITIES USED IN THE BOOK

Physical Quantities		
Quantity	Unit name	Unit symbol
Acceleration (a)	metres per second squared	$\text{m} \cdot \text{s}^{-1}$
Charge (q)	Coulomb	C
Concentration (C)	moles per cubic decimetre	$\text{mol} \cdot \text{dm}^{-3}$
Current (I)	Amperes	A
Distance (d)	metre	m
Electrical energy (E)	Joules	J
Electric field (E)	Newtons per Coulomb	$\text{N} \cdot \text{C}^{-1}$
Force (F)	Newton	N
Induced emf (\mathcal{E})	Volt	V
Magnetic field (B)	Tesla	T
Magnetic flux (ϕ)	Weber	Wb
Mass (m)	kilogram	kg
Moles (n)	moles	mol
Pressure (p)	Pascals	Pa
Power (P)	Watts	W
Resistance (R)	Ohms	Ω
Temperature (T)	Kelvin	K
Tension (T)	Newton	N
Time (t)	seconds	s
Voltage (V)	Volts	V
Volume (V)	meters cubed	m^3
Weight (N)	Newton	N