

FUNDAMENTAL PHYSICAL CONSTANTS		
Quantity	Symbol	Value
Electron Mass	m_e	$9.10939 \times 10^{-31} \text{ kg}$
Proton Mass	m_p	$1.67262 \times 10^{-27} \text{ Kg}$
Neutron Mass	U	$1.66054 \times 10^{-27} \text{ kg}$
Atomic Mass	m_n	$1.66054 \times 10^{-27} \text{ kg}$
Elementary Charge	e	$1.60218 \times 10^{-19} \text{ C}$
Avogadro Constant	N_A	$6.02214 \times 10^{23} \text{ mol}^{-1}$
Molar Gas Constant	R	$8.31451 \text{ J mol}^{-1} \text{ K}^{-1}$
Standard Atmosphere	atm	$1.01325 \times 10^5 \text{ Pa}$
Molar Volume	V_m	$22.41410 \text{ L mol}^{-1}$
Speed of Light	c	$2.99792 \times 10^8 \text{ m S}^{-1}$
Planck Constant	h	$6.62608 \times 10^{-34} \text{ J s}$
Faraday Constant	F	$9.64853 \times 10^4 \text{ C mol}^{-1}$
Boltzmann Constant	k	$1.38066 \times 10^{-23} \text{ J K}^{-1}$