ภาคผนวกที่ 5 ค่าคงที่ทางฟิสิกส์

Quantity	Numerical value
Gravity constant	6.67×10^{-11} $m^3/kg.s^2$
Number of moleculed in 1 kmole (Avogadro's number) N_A	6.025×10^{26} $kmole^{-1}$
Volume of 1 kmole of an ideal gas under standard conditions V_O	22.4 m^3
Universal gas constant R	8.31×10^3 J/kmole.deg
Boltzmann's constant k	1.38×10^{-23} J/deg
Faraday's number F	9.65 x 10' C/kg-eq
Stefan-Boltzmann's constant o	5.67×10^{-8} $W/m^2.deg^4$
Planck's constant h	6.625×10^{-34} J.s.
Electron charge e	1.602×10^{-19} C
Rest mass of an electron m_e	9.11×10^{-31} kg = 5.49×10^{-4} amu
Rest mass of a proton m_p	1.672×10^{-27} kg = 1.00759 amu
Rest mass of a neutron m_n	1.675×10^{-27} kg = 1.00899 amu
Velocity of light propagation in a vacuum	3.00×10^8 m/s