CONSTANTES FISICAS

$1\,ev$	$=$	$1,6 \times 10^{-19}$Joule	m_e	$=$	$9,1 \times 10^{-31} kg = 0.511 \dfrac{\text{MeV}}{c^2}$
m_p	$=$	$1,673 \times 10^{-27} kg = 938 \dfrac{\text{MeV}}{c^2}$	m_n	$=$	$1,675 \times 10^{-27} kg = 939 \dfrac{\text{MeV}}{c^2}$
$1nm$	$=$	$10^{-9}m$	h	$=$	$6,626 \times 10^{-34} J - s = 4,136 \times^{-15}$ eV-s
$\hbar$	$=$	$1,055 \times 10^{-34}\, J - s$	$\hbar$	$=$	$1,055 \times 10^{-27}$ ergs-s
N_A	$=$	#de Avogadro	k_B	$\equiv$	Constante de Boltzmann
	$=$	$6,022 \times 10^{23}$mole^{-1}		$=$	$1,4 \times 10^{-23} J/^oK = 8,62 \times 10^{-5} \dfrac{\text{eV}}{^\circ K}$
$\dfrac{h}{m_e\,c}$	$=$	$2,426 \times 10^{-12}\, m$	a_o	$\equiv$	Radio de Bohr $= 5,292 \times 10^{-11}\, m$
R_∞	$\equiv$	Constante de Rydberg	$\dfrac{e^2}{h\,c}$	$\equiv$	Constante de estructura fina $= 1/137$
	$=$	$1,097 \times 10^7 m^{-1}$			
$\hbar\,c$	$=$	$197,3\, eV - -nm$	$\dfrac{1}{4\,\pi\,\varepsilon_o}$	$=$	$8,988 \times 10^9 \dfrac{N - m^2}{c^2}$
G	$=$	$6,67 \times 10^{-11}\, MKS$	$\dfrac{e^2}{4\pi\varepsilon_o}$	$=$	$1,440\,$eV-nm
$\lambda_{max} \cdot T$	$=$	$2,898 \times 10^{-3}\, [^\circ K - m]$	$L_\odot$	$\equiv$	Luminosidad del Sol $\sim 3,2 \times 10^{33}\, ergs/s$
σ	$=$	$5,676 \times 10^{-8}\, W/[m^2\,^oK^4]$	σ	$\equiv$	Constante de Stefan–Boltzmann
$R_\odot$	$\equiv$	Radio del Sol $\sim 7 \times 10^8\, m$	$1AU$	$\equiv$	Distancia Sol–Tierra $\simeq, 5 \times 10^{13} cm$
$M_\odot$	$\equiv$	Masa del Sol $\sim 1,99 \times 10^{33} gr$	$M_\otimes$	$\equiv$	Masa de la Tierra $\sim 5,97 \times 10^{27} gr$