

Symbol	Value	Description
pi	3.1415926535897931	Area of unit circle
c	299792458.*m/s	Speed of Light
mu0	4.e-7*pi*N/A**2	Permeability of vacuum
eps0	1/mu0/c**2	Permittivity of vacuum
Grav	6.67259e-11*m**3/kg/s**2	Gravitational constant
hplanck	6.6260755e-34*J*s	Planck constant
hbar	hplanck/(2*pi)	Planck constant / 2pi
e	1.60217733e-19*C	Elementary charge
me	9.1093897e-31*kg	Electron mass
mp	1.6726231e-27*kg	Proton mass
Nav	6.0221367e23/mol	Avogadro number
k	1.380658e-23*J/K	Boltzmann constant