$c \equiv 299792458 \text{ m/s}$ SpeedOfLight  $h \equiv 6.62607015 \times 10^{-34} \text{ Js}$ PlanckConstant PlanckHbar  $\hbar \equiv h/(2\pi)$ 

ElectronRadius

ProtonMass

SIMu0

ProtonRadius

BoltzmannConstant

Physical constants available in FFS are:

$$\alpha$$
 $m$ 
 $cl$ 
 $m$ 

$$e_e \equiv 1.602176634 \times 10^{-19} \text{ C}$$
  
 $\alpha = 1/137.035999084$   
 $m_e = 0.51099895000 \times 10^6 \text{ eV}$   
classical radius of electron in m, $r_e \equiv \alpha \hbar c/(e_e m_e)$   
 $m_p = 938.27208816 \times 10^6 \text{ eV}$   
classical radius of proton in m  
 $\mu_0 \equiv 2\alpha h/(ce_e^2)$   
 $\varepsilon_0 \equiv 1/(\mu_0 c^2)$ 

$$m_p = 938.27208816 \times 10^6 \text{ eV}$$
  
classical radius of proton in m  
 $\mu_0 \equiv 2\alpha h/(ce_e^2)$ 

 $1.380649 \times 10^{-23} \text{ J/K}.$ 

$$(a)$$
 is of pro $(a)$ 

$$\mathbf{n} = 0.0011596521812800$$

 $\varepsilon_0 \equiv 1/(\mu_0 c^2)$ SIEpsilon0 (g-2)/2 of electron = 0.001159652181280002ElectronGminus2over2