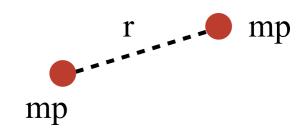
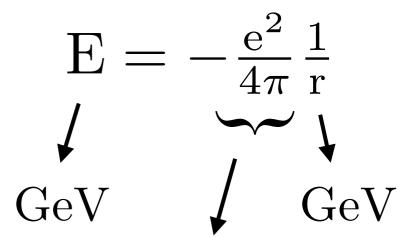
EM and Gravitation Interactions



Electromagnetic Energy



Pure number: α Its small: 1/137

Gravitational Energy

$$E = -G_N \frac{m_p^2}{r}$$

$$GeV \qquad GeV^3$$

Dimensionful number $G_N m_p^2 = 10^{-39}$