

Ctnt. Cosmològica (α):

$$E = N \cdot m = (\text{Kgr} \cdot \text{m} / \text{sg}^2) \cdot \text{m} \quad N = \text{força}$$

$$\text{Força de Coulomb} = G \cdot q \cdot q / \text{m}^2 \quad G = \text{m}^2 \cdot F / q^2 = (\text{Kgr} \cdot \text{m}^3 / \text{sg}^2) / \text{C}^2$$

$$E = h \cdot \nu = \text{Kgr} \cdot \text{m} / \text{sg}^2 = h \cdot \text{sg}^{-1} \quad h = \text{Kgr} \cdot \text{m}^2 / \text{sg}$$

$$\text{aleshores } h \cdot c / \text{C}^2 = G = 1 / (4\pi\epsilon_0)$$

on c = velocitat de la llum i C = coulombs

$$1 / (4\pi\epsilon_0) = h \cdot c / \text{C}^2 \cdot G$$