

Recorrection of Existence of Gravitons

Introduction

Gravitons are considered as a imaginary particles and it act as a medium between nucleus and electron. But in this concept we can conclude that the existence of gravitons in the atoms. We know that,

“Force given by the source is equal to the sum of the force experienced by the object and force acting on the medium. “ **F (Source) = F(Experience) + F (Medium)-----1**

For Hydrogen, there is only one Proton and Electron, Then Protron is the source of force and electron is experience the Force then the medium is gravitations.

Hypothetical Consideration of gravitons

Whenever a wave is formed there must be presence of particle similarly protons attract the electron in the form of waves. If waves are present there must be presence of some particles between proton & electron is considered as gravitons

Mathematical proof of Gravitons

Let take the Equation Y

$$\mathbf{F (Source) = F (Experience) + F (Medium)}$$

Source = Proton , Experience = Electron , Medium = Gravitons
 Then ,

$$[\mathbf{F (Proton)}] = [\mathbf{F (Electron)}] + [\mathbf{F (Graviton)}]$$

Rewrite the above equation as,

$$\mathbf{mv(Proton)/t = mv(Electron)/t + mv(Graviton)/t}$$

$$\text{Cancel time as common, } [\mathbf{mv(Proton)}] = [\mathbf{mv(Electron)}] + [\mathbf{mv(Gravitons)}]---2$$

Here mass of proton is $1.672623 \times 10^{-27} \text{ kg}$ velocity of proton in free space = 2.1104 m/s

Mass of electron is $9.109390 \times 10^{-31} \text{ kg}$ velocity of electron in free space = $22 \times 10^5 \text{ m/s}$

Substitute all values in equation,(2)

$$\left[\begin{array}{c} 1.672623 \times 10^{-27} \\ \times \\ 2.1104 \end{array} \right] = \left[\begin{array}{c} 9.109390 \times 10^{-31} \\ \times \\ 22 \times 10^5 \end{array} \right] + [\mathbf{mv(Gravitons)}]$$

THEN,

$$[200.40658 \times 10^{-26}] = [3.5299 \times 10^{-27}] + [\mathbf{mv(Gravitons)}]$$

$$[200.40658 \times 10^{-26}] - [3.5299 \times 10^{-27}] = [\mathbf{mv(Gravitons)}]$$

Hence the final result is

$$[mv(\text{Gravitons})] = 2.0005359 \times 10^{-24}$$

Result:

Here momentum of gravitons contains certain value, Hence graviton must be exist. Hence existence of gravitons is proved mathematically.