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Analysis about the force of electrons revolve around the nucleus HAN YONGQUAN, 15611860790 - 1, Let's compare the difference of two algorithms: the electrostatic force between protons and electrons, $F1 = ke^2 / r^2$, r is the radius of the electron around the nucleus movement – within 10^{-10} meters; Electronic movement speed is close to the light- about 10^7 meters per second, the size of the centripetal force $F2 = v^2 m/r$. F1 should be approximately equal to F2,calculate the ratio of F1 and F2, F2 / F1 = (v²m/r) (ke² / \tilde{r}^2) / = (10⁷ * 10⁷ * 0.91 * 10⁻³⁰ / $r)/(9*10^9*1.6*10^{-19}*1.6*10^{-19}/r^2) = 4 \times 10^3$. The calculation shows that not only the electrostatic force and other force. 2, The radius of the electron orbiting around the nucleus named r, $F = Ke^2 / r^2 = 9 \times 10^9 \times 1.6 \times 10^{-19})^{-2} / r^2 =$ v^2m/r , $r = 2.5 \times 10^{-14}$ meters, namely that the radius of hydrogen atom is about 2.5 x 10^{-14} meters, that is different with the observed result (10^{-10} meters). Electrons revolve around the nucleus may faster than $10^7 \,\mathrm{m/s}$, can almost reach 10^8 meters per second, if the electronic moves by 10^8 meters per second, hydrogen atom radius is approximately 2. 5 x 10 $^{-16}$ meters, has converged in the interior of the nucleus, it is not possible. Use density to instead of electricity, can solve this problem. Author: hanyongguan TEL: 15611860790

> Han Yongquan 15611860790

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