

# A New Explanation for the Decay of Nuclei of Heavy Elements Such as Uranium

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Atomic nuclei carry a positive charge, while electrons carry a negative charge. It can be said that atomic nuclei affect electrons. On the other hand, atomic nuclei rotate around themselves at a speed close to the speed of light. This rotation causes an additional rotational motion to be added to the helical path of electron motion. Consequently, the electron is rotating around the nucleus and sweeping the entire surface of a sphere with an atomic radius.

According to the mentioned movements, in this paper we will show why decay occurs in heavy elements. One reason can be that Centrifugal force is more than Coulomb force.

We also give examples to clarify the issue, including:

1. If we put too many bricks on top of each other, they will fall
2. Ferris wheel throws people out
3. People on the rotating screen: People on it are thrown out with increasing speed

