

Dark Energy and Dark Matter or Vivid Force?

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I. Dark Matter

The mass, by definition, is a measure of resistance of an object to acceleration when a force is applied. And, in principle, the mass occupies space and it is there where the force takes effect. Given what has been said, Dark Matter does not meet the definition of mass. Because it is everywhere but we can't find it. Indeed, what is called Dark Matter is an illusionary definition that must be corrected. Actually there is no Dark Matter, but rather a Vivid Force whose effect holds the structure of galaxies. According to the current theory the Dark Matter effect exists everywhere but it cannot be seen, so it is a force and not a mass. It is called Dark because the science has no knowledge about its nature; the one that we are going to explain and that we can call the Vivid Force. This force is originally created by the difference of a speed at the edge of the Universe and the speed inside the Universe. A difference that generates a force toward the center like a vortex. This definition is better suited for galaxy consistency. The enormous difference between the speed at the edges of the Universe and the speed at the supposed center of the Universe causes a vortex force. This same force creates a rotation and a force inward; like a vortex that turns and pushes everything in the center of the rotation.



II. Dark Energy

But apart from the difference between the speed of celestial objects at the edges of the Universe and the speed of those near the supposed Centre of the Universe, if we observe the rotation of celestial objects, we can better understand the nature of Dark Energy. This rotation generates a centrifugal force that is applied to any object rotating around the center and moves them away and increases their radius. Although this force is inversely related to the radius of gyration, but it is

directly related to the square of the velocity. In this article we prove that, the ratio between velocity and radius, or angular velocity, is constant everywhere due to the homogeneity of the Universe. Consequently, the greater the radius and the speed of gyration the greater the force. In other words, celestial objects that are further away from the supposed center of the Universe, because of their higher rotational speed, move away with more acceleration and it is precisely this energy that causes the accelerated expansion of the Universe and is called Dark Energy.

Professional Biography:

Prof. **Gh. Saleh** is an independent researcher and main theoretician of Saleh Research Group. He was educated at the Sharif University of Technology. He has published more than 17 articles in different fields such as:

1. New structure for Electron, Proton & Neutron
2. 3D motion of Photon and new energy equation for Photon
3. Describe the nature of superstring
4. New describe for Dark Matter and Dark Energy
5. New provement for speed faster than light speed
6. Provement of photon's behavior as a particle and as a wave, anywhere, anytime, anyhow

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