“DARK MATTER” IS A MISNOMER FOR THE INVISIBLE “VORTICES OF MASSLESS AND FLUID SPACE”

“Exposing The Myth of Dark Matter” by David Talbot, Thunderbolts.info, reveals in clear-cut terms the impasse to which the modern astrophysics has been led to in not being able to explain the forces that hold together the large mass of hydrogen in very fast rotation and yet not flying apart, in apparent defiance of gravity as understood today. The reasons are due to misconceptions prevalent in modern physics on the basic nature of mass, gravity and structural interrelationship of space and matter in general. There are inward forces (undiscovered) arising from circulation of fluid-space in the structure of electron and also in nuclear structure, around planets, stars and galaxies, which create tremendous inward pressure from space preventing these entities to split apart under high speed rotation. As seen below, only a reversal of our modern concepts on the structure of fundamental matter and the nature of space can throw light and explain stability of this intriguing macrocosmic phenomenon “VIRGOH121”.

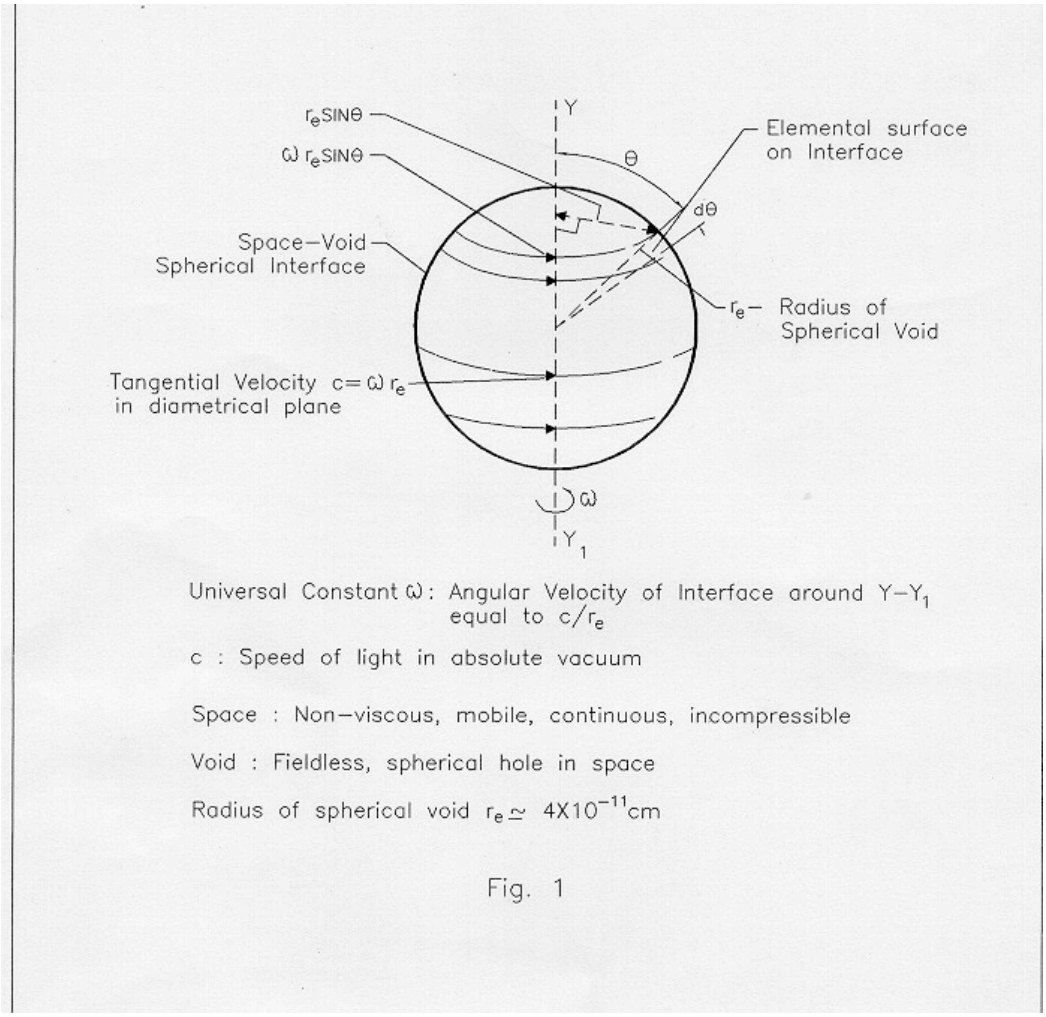

Fig. 1

Inward fields in electron structure

Fig. 1 shows that with a single postulate of fluid-space with nonmaterial properties (zero mass, continuous, incompressible) and limiting angular rotation, a dynamically stable particle (electron) is created. The property of mass of electron is attributed to the central void (energy less) in the space vortex of electron. Two new relationships on mass and charge that explain and derive mass and charge property of electron, in agreement with the experimental results, are discovered.

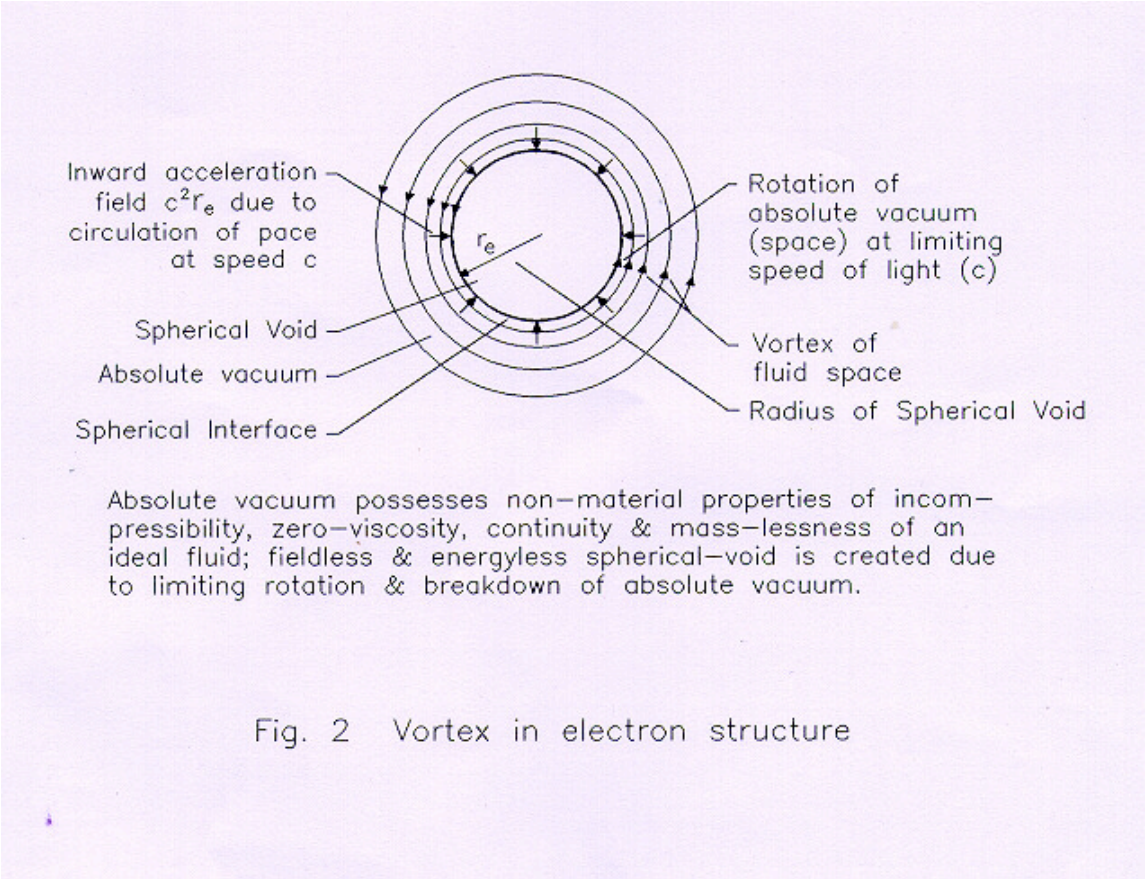

Fig. 2 Vortex in electron structure

In Fig. 2, which shows a section of the interface (spinning space enclosing a void), there exists an inward 'acceleration field, c^2 / r_e, which is equal to 10^{31} cm/s^2---highest inward field in the universe, crushing the dynamically stable interface of electron.

Inward field in nuclear structure

In proton structure space circulation is at c/12 and the inward field is $(1/12)^3$ times less than that in electron structure. All nuclei have space-vortices enclosing them, creating stability against internal repulsive forces, while inward fields reduce gradually till heavier nuclei become unstable.

Inward field around the sun

The solar system is a space vortex (Cartesian space) carrying the planets in their orbits. The velocity field (space motion) at the planet Mercury 47.9 km/s increases to 436.7 km/s [applying Kepler's law, velocity field (orbital velocity of planet) falls inversely as squire root of the distance from the sun], at the sun's surface . [**This explains why wind blows at nearly the speed at the sun's surface].** Inward acceleration field on the sun's surface is: $(436.7 \text{ km/s})^2$ / sun's radius = 274 m/s^2, which the derivation of the surface gravity of the sun, a pressure from the surrounding space vortex.

Inward field at the earth surface

From the orbital velocity of the moon (1017 m/s), similar to the above derivation in the case of the sun, velocity field in the space vortex enclosing the earth is found as: 7.8km/s. The surface gravity is: $(7.8\text{km/s})^2$ / earth's radius = 9.55m/s^2, which is close to the experimental value. **This derivation proves the existence of the enclosing space vortex surrounding the earth and creating inward pressure known as gravity.**

Inward field on galactic core

The solar system at a distance of 2.62×10^{22} cm from the galaxy's center rotates at 262 km/s. With these values and taking inverse square root variation of velocity field in the galactic space vortex, space circulation reaches a value of 3×10^{10} cm/s , that is , light velocity, at the surface of a spherical creation zone of radius of 1.408×10^{16} cm, resulting in creation of matter (electron, positron, hydrogen) . The inward –acceleration field is : $c^2 / (1.408 \times 10^{16}) = 640$ m/s^2. Mass of this creation zone from mass- equation (derived in the space vortex theory) is around 10^{52} gm. The inward force on the creation zone is : mass x inward acceleration field = 10^{52} gm x 64000 cm $/s^2$ = 6.4×10^{56} dynes. **This is the inward force due to space circulation around our galaxy.**

The discovered massive hydrogen cloud under rotation is being rotated by an underlying space vortex that also creates inward forces to hold bursting against rotation.

It is very much possible that the interior of the gas cloud at its center will have a creation zone of hydrogen.