

Abstract Submitted  
for the APR20 Meeting of  
The American Physical Society

**Buoyant Centre of Dark Matter Is A Focus of Elliptic Orbit of Planet** DAYONG CAO, Avoid Earth Extinction Association — A spring force explains a negative gravity of the dark matter, and the spring force equals buoyant force, and there is a buoyant center of the dark matter of the solar system which is one focus of the elliptic orbit of the planets (the other focus is the sun). Inertial force is a force of a spacetime structure of the dark matter; and gravity is a force of a massenergy structure of the matter. The equivalence principle is a relationship that the force of a spacetime structure (as the first driving force) equals the force of a massenergy structure. A equation of a balanced system between the force of a spacetime structure and the force of a massenergy structure decides the equation of the elliptic orbit of the planets. “SPACETIME STRUCTURE, MASSENERGY?STRUCTURE, AND EXPLANATION OF HUBBLE’S REDSHIFT, DARK MATTER, AND DARK ENERGY”

**0.0.1** <http://meetings.aps.org/Meeting/APR19/Session/G16.9>

“New Einstein Field Equation Explain of Structure of Fluid”

**0.0.2** <http://meetings.aps.org/Meeting/APR18/Session/F01.48>

**0.0.3** “MEST- there is a dark hole around solar system”

<http://meetings.aps.org/link/BAPS.2015.APR.L1.2>

Dayong Cao  
Avoid Earth Extinction Association

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