

Gravity and strong nuclear force.

Author –DURGADAS DATTA.

The standard model taught us that both gravity and strong nuclear force can be imagined as one very long range and other a short range fundamental forces. The whole idea is based on imagination to satisfy standard model requirements. Neither Newton nor Einstein clarified the idea of gravitation by clearly describing the mechanism of gravitation. Einstein made a mess by assuming curvature of space-time without explaining what is space and why it will warp near any mass or energy.

Rutherford from his gold foil experiment considered a nucleus of protons and neutrons in his atomic model from solar system dynamics . But we know now that there is no compelling reason to assume that but proton pulp atomic model considering neutrons as seeds is more appropriate. Electrons just a dancing wave around the center in various orbits without any position .

The particle concept is no more valid when a smeared entity of waves is more accurate giving uncertainty principle .

Even the photon concept of Einstein is not entirely correct from photoelectric explanation. We can think of a packet wave instead of particle .

So the light speed in vacuum is same for all observers from various reference frames can not be taken same as prescribed by Einstein as the wave is a filament of all wave packets irrespective of any one emanating time from source.

Any observer is not chasing a wave packet tagging its exit time from source but rather a smeared wave of filament is recorded in instrument . So all experiments certify Einstein. Similarly all space locations have its own reference relative speed and gravity potential which dictates the atomic clock to tick and we see time correction in GPS system. This time dilation is actually measurement dilation and never certifies Einstein.

Therefore, if we ignore relativity theory and consider gravity is emergent force due to fermion gravitons having mass and strong nuclear force due to boson gravitons having no mass but strong coupling strength acting on quarks in proton pulp atomic model, then a picture of emergent strong nuclear force also will emerge.

In my earlier published papers, I have already explained the gravity mechanism

and strong nuclear force mechanism as emergent phenomenon . LHC will soon start again and now LHC should look for these fermion gravitons and boson gravitons. The confusion of dark matter and dark energy will evaporate as we will know that massive fermion gravitons are dark matter in itself and boson gravitons are responsible for expansion of space acting as dark energy as I EXPLAINED IN MY BALLOON INSIDE BALLOON THEORY PUBLISHED IN YEAR 2002. And gravitoetheron superfluid theory. The mismatch of 120 orders in vacuum energy is a great puzzle in modern physics and if we consider the boson gravitons in space without any long range activity except for very short range coupling on quarks.

As a result our concept of space changes as much more dynamic entity can help in understanding the big bounce scenario in quark – boson graviton- fermion graviton soup . Then the galaxy formation around escaped evaporation black holes from previous era as seeds in large cosmic webs of gravitoetheron superfluid is quite possible after around 400000years .

The rebound force due to entropical disbalance of two universes is the fundamental at the time of rebound which decides quark configuration and benign laws of nature. If by chance we have a tuned universe and a habitable planet like earth, we may again see intelligent life to ponder about universe and balloon inside balloon theory of matter and antimatter universes on opposite entropy path and reverse arrow of time , producing gravitoetheron superfluid at common boundary by annihilation and injected into both the universes for next epoch on the stage of infinite multiverse , eternal and basically a free lunch of nothing because of symmetry in opposites.