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BALLOON INSIDE BALLOON THEORY.

In the year 2002 my comments in astronomy.net was not seriously taken by physics community though subsequently a paper named recyclic, rebound twin universes of matter and antimatter on opposite entropy path and reverse arrow of time was also presented in second half of year 2002.

Feynman always talked of negative time as mathematical trick in his technique of quantum calculation but failed to link it with big bang. Balloon inside balloon theory talks of a rebound and recyclic scenario of matter and antimatter universes on opposite entropy path and positive and negative arrow of time. **Therefore we have to think our universe of matter inside antimatter universe which is on opposite entropy and negative arrow of time. The common boundary is violent due to annihilation where gravitoetheron super fluid is produced and injected into both the universes. GRAVITOETHERON IS AN EXOTIC FLUID CONSISTING OF FERMION GRAVITONS AND BOSON GRAVITONS AND ALSO SOME MORE ELEMENTARY FIELDS AND PARTICLES. MY HOME RESEARCH ON GRAVITONS SPECULATED FROM CALCULATION THAT FERMION GRAVITONS RESPONSIBLE FOR EMERGENT PUSH GRAVITY SHOULD BE 750 PROTON MASS AND BOSON GRAVITONS ARE GLUONS FOR EMERGENT STRONG NUCLEAR FORCE FOR A PULP PROTON ATOMIC MODEL.**

As such standard model is to be revised and big bang theory is big bounce theory if the outside antimatter universe is slowly turning into a black hole due to approaching a low entropy, when a big bounce will occur giving Dr.GUTH AN EXPONENTIAL INFLATION. But a reasonable jerk of initial inflation will produce a tuned set of laws and constants so that a combination of mirror universes may exist where chance of a earth like planet and intelligent life possible.

We know that in each re cycle, the escaped evaporation black holes will appear as seeds of galaxy formation from previous era to start the process of galaxy formation etc etc. MOST OF THE TIME THE JERK FORCE MAY NOT ALLOW GOOD LAWS BUT OCCSIONALLY , WE MAY BE LUCKY FOR A SCENERIO WE ARE ENJOYING NOW.

CERN IS LOOKING FOR THE EXOTIC PARTICES IN GRAVITOETHERON SUPERFLUID , WE ALSO CALL SPACE OR DARK ENERGY OR EVEN ETHER.

IF MULTIVERSE EXISTS, THEN THERE MAY BE MANY SUCH BALLOON INSIDE BALLOONS AS DESCRIBED ABOVE. WE WILL NEVER KNOW.

NOW WE KNOW FERMION GRAVITONS ARE HEAVY AND DARK MATTER IN ITSELF . ALSO BOSON GRAVITONS ARE ALL PERMEATING SPACE AND AS SUCH WE A DISCREPENY OF 120 ORDER MAGNITUDE IN VACUUM CATASTROPHY IN MODERN PHYSICS.

OUR UNIVERSE IS VERY SIMPLE AND WE ARE NOT UNDERSTANDING THAT.

The most important thing is direction of push by fermion gravitons on matter molecules in the swirling and whirling of gravitoetheron super fluid or space –time curvature as described in standard model. Near earth, we see fermion gravitons are raining like arrows pushing each molecule towards earth center we call gravity. But when the astronauts in space station, we see they float saying wrongly zero gravity. ACTUALLY THE DIRECTION OF FERMION GRAVITON FLOW IS ORBITAL , CAUSING SPACE STATION TO ORBIT ALONG WITH ASTRANAUTS . My gravity mechanism theory talked about the reason of equal fall of all molecules on earth surface forecasting that  $m/d.d$  of any molecule at a particular height is constant modifying equivalence principle concept of EINSTEIN.

OUR GALAXY IS ROTATING AS DISK OF SUPER FLUID AND FERMION GRAVITONS ARE TAKING POSITION FROM CENTER OF GALAXY WITH INCREASING CENTRIFUGAL FORCE, SO THAT AT OUTER PERIPHERY OF GALAXY WE EVEN SEE SAME ROATIONAL SPEED AS OBSERVED BY DR.RUBIN.

EVEN WE CAN REVISE NEWTON AS  $F=P.G.M.M /R.R$  AS WE SEE THE SUPERFLUID IS NON ISOTROPIC IN MOND THEORY IF WE WISH.

There is no magic of dark matter and dark energy as such if super fluid universe is accepted where even matter and antimatter may be only different by arrow of time . OUR OBSERVABLE UNIVERSE IS TINY COMPARED TO WHOLE MATTER UNIVERSE AND THEN OUTSIDE ANTIMATTER UNIVERSE IS ENCLOSING OUR UNIVERSE WHICH MAY BE DIFFICULT TO EVEN KNOW IF THAT IS TRUE. BUT CERN WILL SOON FIND OUT THE CONSTITUENTS OF GRAVITOETHERON SUPERFLUID AND WE MAY GO BEYOND EINSTEIN AND STANDARD MODE.