

# What If.....

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What if Reality Can be Accounted for in Terms of:

## Two Opposed Forces:

- 1) Attraction/Accumulation [slightly weaker than Expansion]
- 2) Expansion/Repulsion [slightly stronger than Attraction]

and

## Three States:

- 1) Energy [includes Dark Energy] that is tied to the Expansive Force.
- 2) Mass Based Matter [includes Physical Matter] tied to the Attractive Force.
- 3) An Intermediate “Particle” Medium [includes Dark Matter and known “massless” particles] that constitutes the first move toward Mass Based Matter from pure Energy and responds weakly to the Attractive force.

This proposition is so obvious that it must have been offered before in physics.

Now consider two significant adjustments to the above conception:

Suppose that the three states are in fact two [Energy and Mass Based Matter] always in dynamic tension with the Intermediate Particle Medium in the transition zone in between. Then picture reality as a universe-wide, three dimensional web with every connection at every scale from cells to galaxies participating in this dynamic. This is a systems view of reality rather than the usual material step view advancing from particles to atoms to molecules, etc.

From this perspective, reality is in a constant condition of 1) Energy at one “pole” in the web working with the Expansive force to attract Energy through the Intermediate Medium from Mass Based Matter; and 2) Mass Based Matter at the other “pole” in the web working with the Attractive force to withdraw and consolidate Energy through the Intermediate Medium from Energy. At lesser scales, the Attractive and Expansive forces are in a condition of relative balance, with the Expansive force having a slight edge. At solar and galaxy scales, events can occur that result in extremes in both directions – supernova release enormous amounts of energy but can also leave a hyper dense neutron star. Following the Big Bang, our Reality is generated in the dynamic interaction of the Expansive and Attractive forces as they create and destroy matter at all scales throughout the infinitely interconnected web of existence.