

ENERGY TRANSMUTATION

THE EXISTENT TO MATTER

GRAVITY

Mike C Pavledis © June 2005

There is compelling evidence that energy exists in some forms that are not measurable such as cold dark matter. It can therefore be argued that the ultimate reduction of energy must lead down to the fundamental Existent that is responsible for the matrix of All Space.

The following proposal is based on this premise and shows how spatial convolution can be seen to be responsible for the transmutation of energy into matter and also identifies the cause and the effect of GRAVITY.

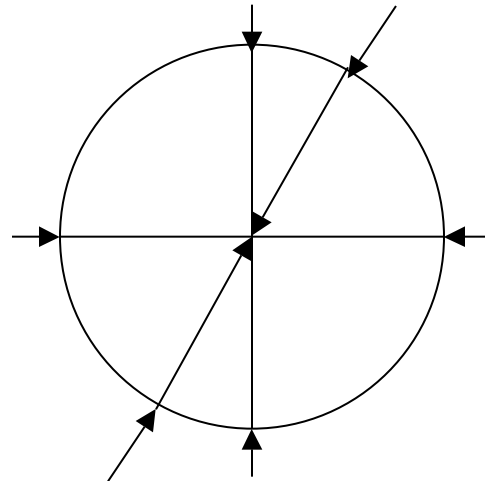
HYPOTHESIS: Quantum Energy (QE) is the minimum charge of energy that occupies a quantum of “*phase*” space.

Such quanta may be perceived by reversing the Universe to when it was a perfect super dense gravity collapsing sphere.

Fig.1

This posture allows us to view all the minimum triangular points on the sphere’s surface, as they gravitationally collapse onto the points immediately below them wedging down in streams to the centre where they oppose their direct spherical opposites.

We can thus see how the total focused gravity of the pre Big Bang universe probed and stretched the centre point towards zero and eventually displayed the Ultimate Reality Vacuum -- The Existent



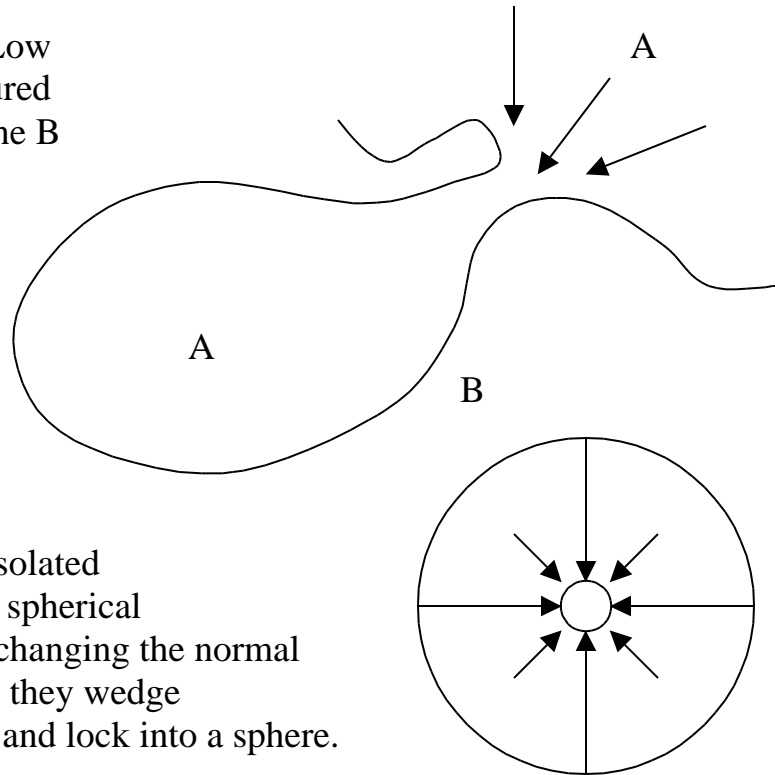
It was when this central vacuum could not be further stretched that QE defined itself. Pressure around this central point would have then increased exponentially to finally overcome gravity and explode as the Big Bang.

Therefore such a point of energy occupies minimal space under high-pressure and enlarges as surrounding pressure decreases. (Data from COBE confirms the existence of temperature and density variations in separate areas of deep space.)

Extrapolating, it can be shown that by convolution a large low-pressure spatial zone can be captured as a bubble within a high, thus causing centripetal collapse. Large enough bubbles that are thus captured can be shown to form a new environment and mechanism.

From the nature of collapsing gas bubbles within liquid we know that the atoms should eventually become centripetally oriented. This shows that under a given circumstance, *space can convert into the first fundament of matter.*

Fig 2
 Spatial convolution. -- Low pressure zone A is captured within high-pressure zone B



As A becomes deeply isolated within B it forms into a spherical collapsing bubble thus changing the normal shape of each quanta as they wedge around the centre point and lock into a sphere.

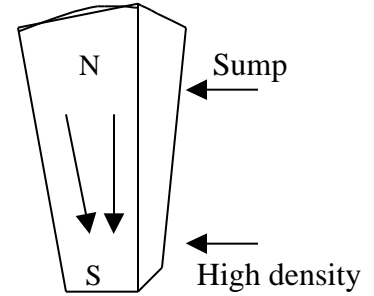
The critical number of collapsing wedges is realised when the centre point is completely surrounded by a sufficient quantity to form the first of a series of spheres that perpetuate a closed system.

Each of these wedges can be shown to be a self-propagating gravity induction mechanism.

Consider:

Condensed energy, mass, that is linked to a common centre to form a collapsing sphere creates its own gravity by the proportional density variance between the two curved ends of all the possible minimal three-dimensional wedges drawn conjunctionally from the surface of the sphere to its centre point.

Fig 4
Shows the density variation within each wedge that is responsible for the *sump* “N”.
The broader convex surface area may add to a heightened absorption capacity.



Thus appears the first proponent of Gravity.

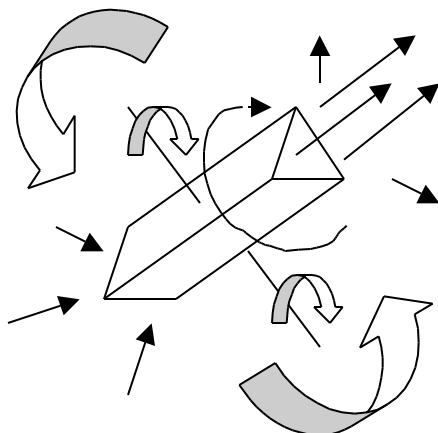
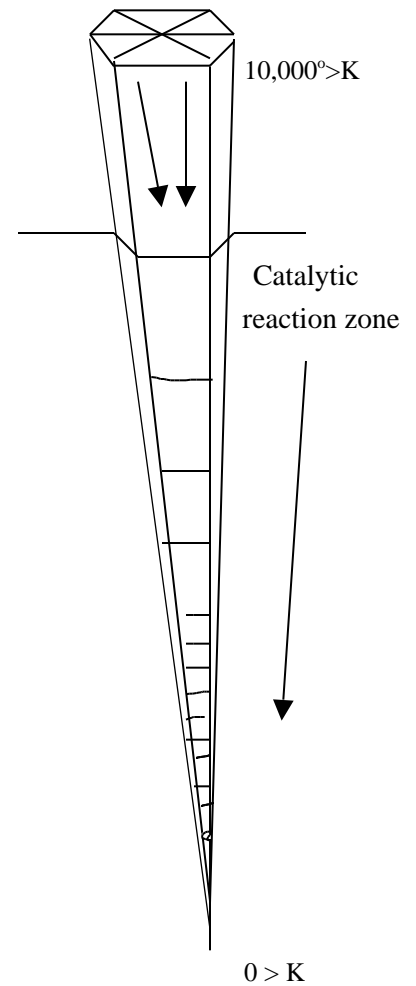
As the sphere’s body mass increases so does its density and heat.
However the central area is constantly diminishing in size and a stage is reached when heat diminishes and freezing takes place. A new catalytic reaction; “reduction by freezing” is introduced

Fig. 5 - 6

This mechanism may be shown to be responsible for a form of pre Big Bang synthesis of the proton and other smaller potentials such as dark matter.

Each spherical layer of the wedges that enters this reaction zone fractures into “mini wedges”, each with a sump and a point of potential emittance, forming what may be seen as a “proton-neutron-graviton” assembly and -- the basis of magnetism.

In free space they find balance through precess and thus appear by partial magnetic cancellation, as atoms of hydrogen.



As disintegration took place, repulsion would have caused chaos and Inflation. Additionally, the extreme vacuum that would have surrounded the sphere would have contributed to Expansion.

This latter factor may challenge anti-gravity speculation and may be the cause of the allusion of accelerating peripheral expansion of the universe.

This perspective intimates that radiation could be the effect of the exposure of the emitting surface of the proton-core to surrounding space quanta thus affecting Space Entropy. The question must be asked – Is radiation the dynamics of Space Shift and if so does the speed of light appear to alter with the variations of space density?

The probability that space itself is a dynamic system, (expanding and contracting according to varying pressures), raises some very interesting questions and also offers solutions to many mysteries.

This proposal supports the paper entitled “H-core” that details the most likely structure of the energy core of the Hydrogen atom and the *pre big bang* location of its specific “density zone” within the collapsing spherical Body Of Universal Matter. This zone could be what now constitutes the “bright urbane zone” and by showing its original spherical locality we may determine the reality of a Time that existed before the birth of Hydrogen Time.

Does the cube root of Planck’s minimum length: $<10^{-100}>$ show a potential for the reality of the Existent?

CONCLUSION: The potential density and pressure variance of the matrix of “Total” Space shows that the entrapment of a low-pressure zone within a high, can by the nature of spherical centripetal collapse, *create the engine that transforms spatial energy quanta into the first fundament of matter and the consequential proponent of Gravity.*

In progress:- The Quantum Gravity Initiate -- Cause and Effect

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