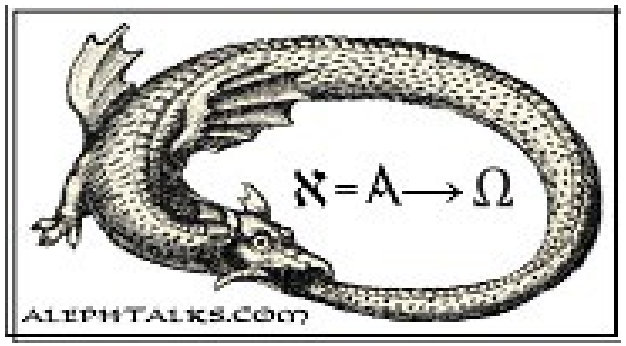
Is Mysticism Where Science, Art and Religion Meet?



Subject Seven
Ron Cowen: Cosmology
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Orphic Egg

- The world egg, cosmic egg or mundane egg is a mythological motif found in the cosmogonies of many cultures that is present in proto-Indo-European culture and other cultures and civilizations.
- Typically, the world egg is a beginning of some sort, and the universe or some primordial being comes into existence by "hatching" from the egg, sometimes lain on the primordial waters of the Earth
- Eggs symbolize the unification of two complementary principles (represented by the egg white and the yolk) from which life or existence, in its most fundamental philosophical sense, emerges.

Cosmology

- Science, Religion and Big Bang
- Vesto Slipher (1912), Edwin Hubble (1924) observed all stars and galaxies are moving away from each other->they all started at a common point
- https://www.youtube.com/watch?v=q3MWRvLndzs
  - Singularity: The Part of the Everywhere Stretch
  - What happened before the Big Bang?
  - Not big, No bang
  - Inflation of space itself for a short period and then inflation stops
  - Universe may be eternal, not the words In the Beginning.
  - Roger Penrose, Cyclic Conformal Cosmology: mathematics of Big Bounce
- https://www.youtube.com/watch?v=dB7d89-YHjM

Cyclic Conformal Cosmology

- Cyclic: the universe goes through birth, life, death and then rebirth
- Conformal mapping preserve translation, rotation and scaling in space-time
- Cosmology: at the birth and at death there is no meaningful notion of time
- At birth there is a cloud with matter and dark matter mixed up that eventually cools so that time can start up and light can propagate
- At death there are a few last black holes that are evaporating and once gone there will be no notion of time
- We can go into rebirth by using a conformal mapping of space-time (translation, rotation, and boost/scale) to go back to the cosmic egg

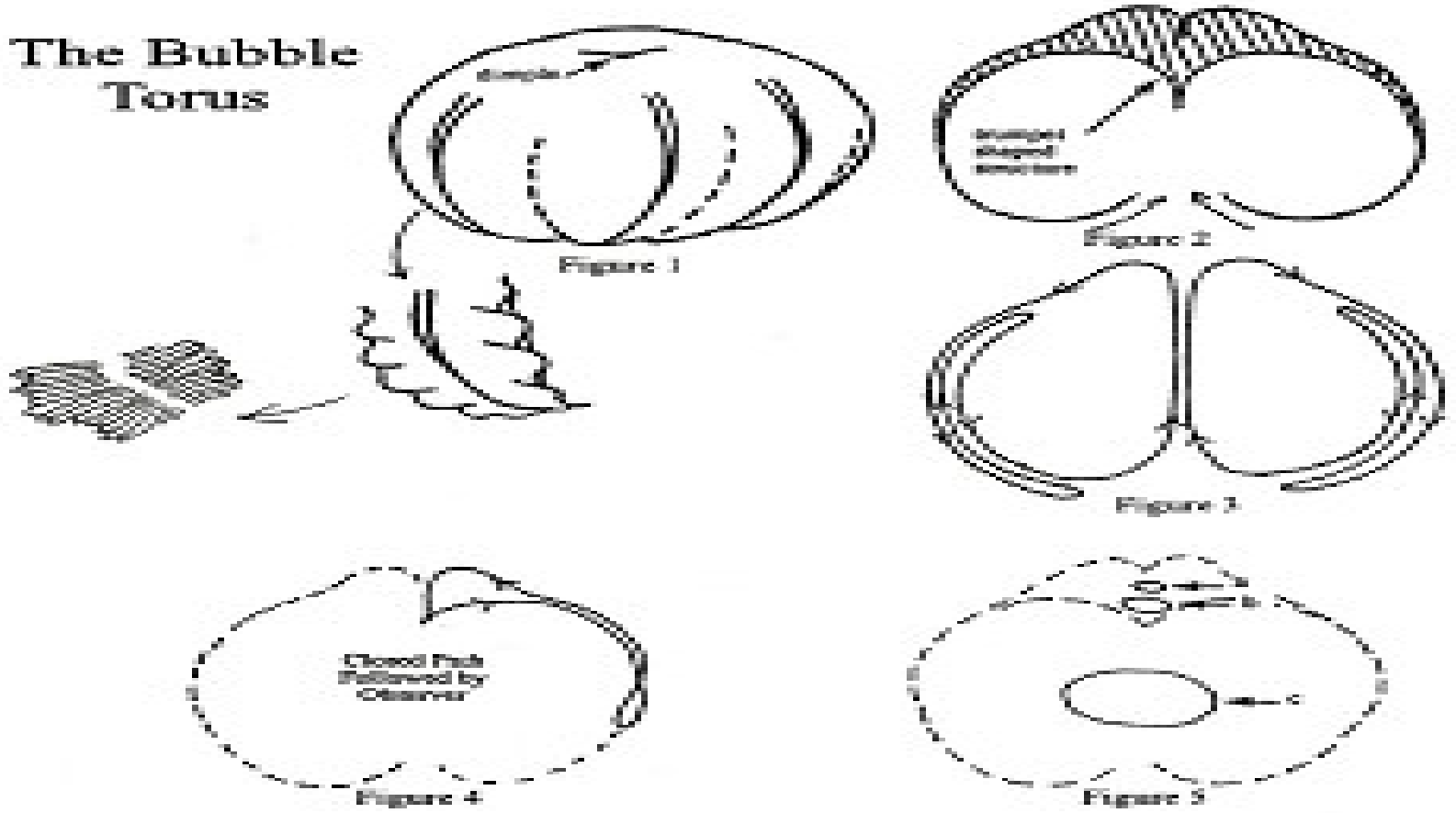
Ron Cowen: Bubble Torus

- Almost all memory of the previous universe was erased in the Big Bounce. The brief remnants of memory suggest the previous universe had been shrinking for a very long time, and the space compartments had gradually flattened.
- Inside each space compartment was a rectangular array of a large number of particles I called bubble tori (Leadbeater and Besant called them bubble koilon).
- The bubble tori appear to be information waves.

Ron Cowen: Bubble Torus

- The bubble tori was the only type of matter to survive the Big Bounce.
- For a brief moment, each flattened space compartment was occupied by 23 heterotic strings (I counted a few and always found 23). Each string wa a hollow tube with bubble tori flowing back and forth inside the tube. The number of bubble tori were in the millions upon millions.
- The string were in constant oscillatory motion.

Ron Cowen: Bubble Torus

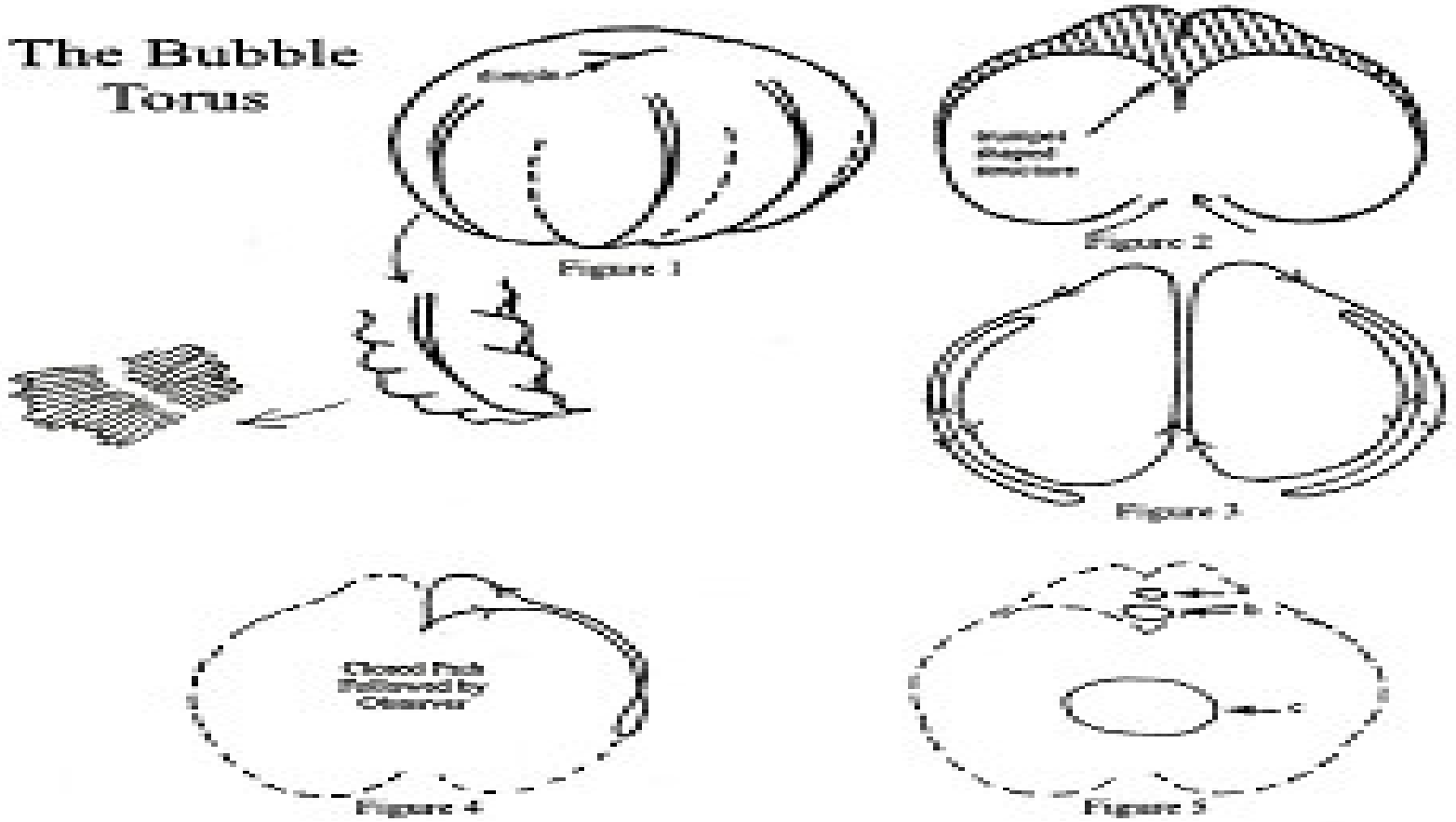


Necklaces of bubble tori are not stable until they form either a UPA of ten necklaces (which go on to form protons, neutrons, electrons, and other forms of ordinary matter) or a UPA of five necklaces (which go to form mind-forms and other forms of shadow matter). For reasons that are not clear to me, the five necklaces in the original splits became shadow matter while the remaining 15 went on to form UPAs with ten necklaces each. The resulting instability created chaos with space compartments breaking up as unstable necklaces tried to form stable UPAs. The result was the formation of large numbers of neutrinos that consisted of a few bubble tori. But most of the necklaces peeled off without getting broken into pieces.

Ron Cowen: Bubble Torus

- Somewhere in the small universe, a rectangular array of 23 strings started to split in two.
- The split occurred between the fifth and sixth strings.
- As soon as the array started to split the space compartment holding it expanded in size.
- Each adjoining space compartment then to have its array of 23 strings split in 18 strings and 5 strings, and the space compartment started to expand in size (inflation).

Ron Cowen: Bubble Torus



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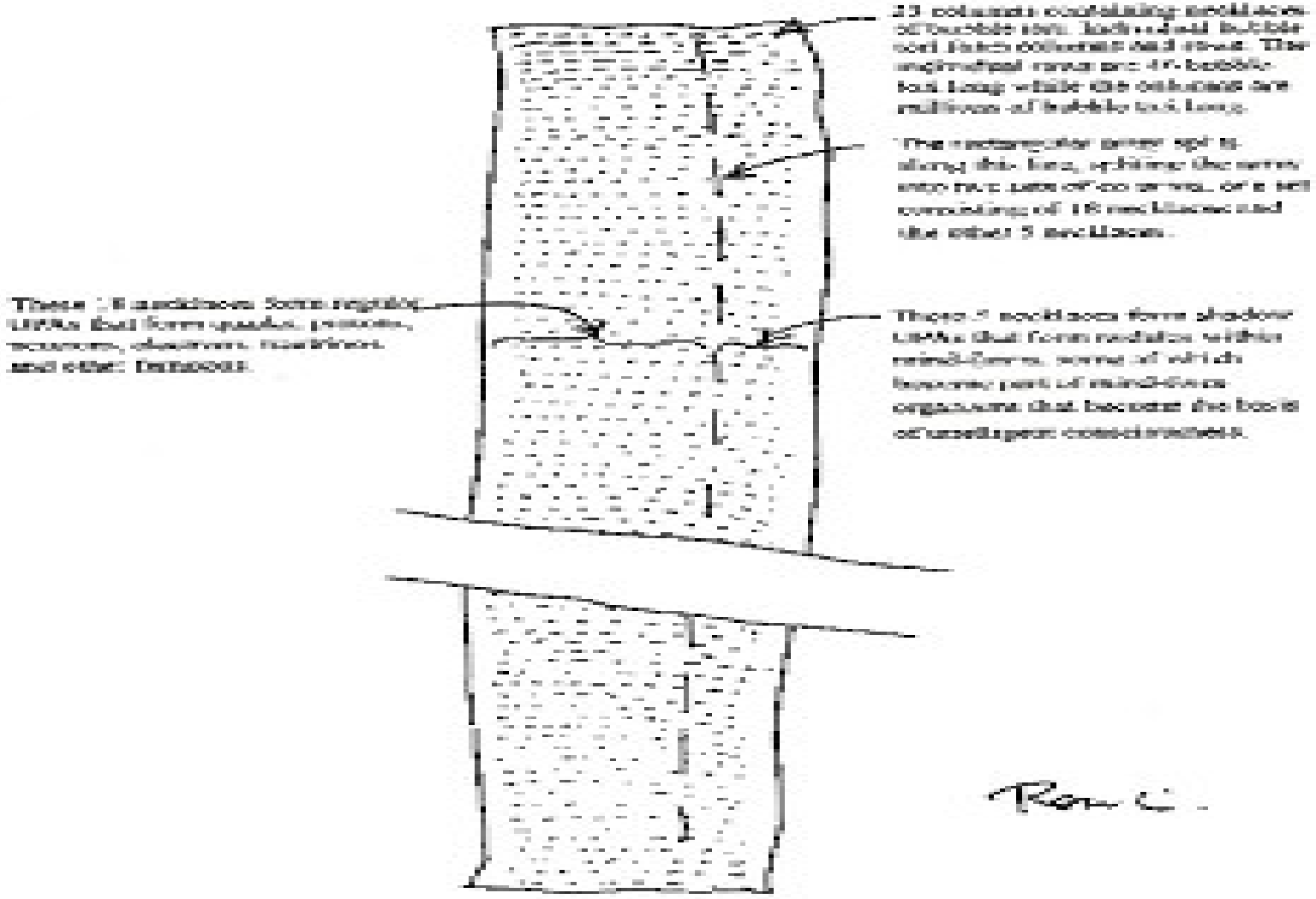
Ron Cowen: Bubble Torus



Ron Cowen: Helix Formation

- To achieve stability, 18 of the 26 dimensions become compactified. The influence of each compactified dimension is shown by bosons that interact in that dimension.
- While the rectangular array is intact, for matter and dark matter, respectively, six dimensions are compactified inside the bubble tori, four space-time dimensions are not compactified, with a final six dimensions being compactified to synchronize boson interactions in all compactified dimensions.

Ron Cowen: Helix Formation

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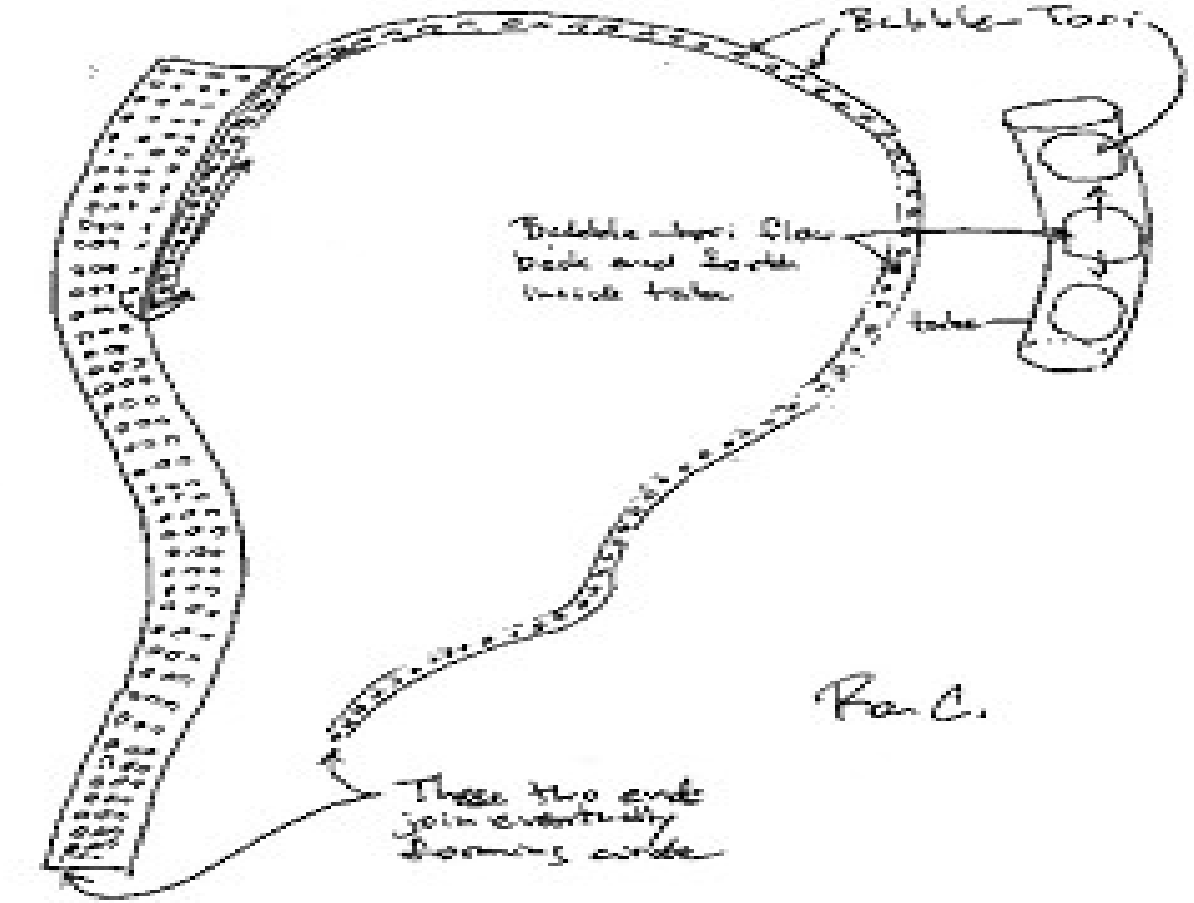
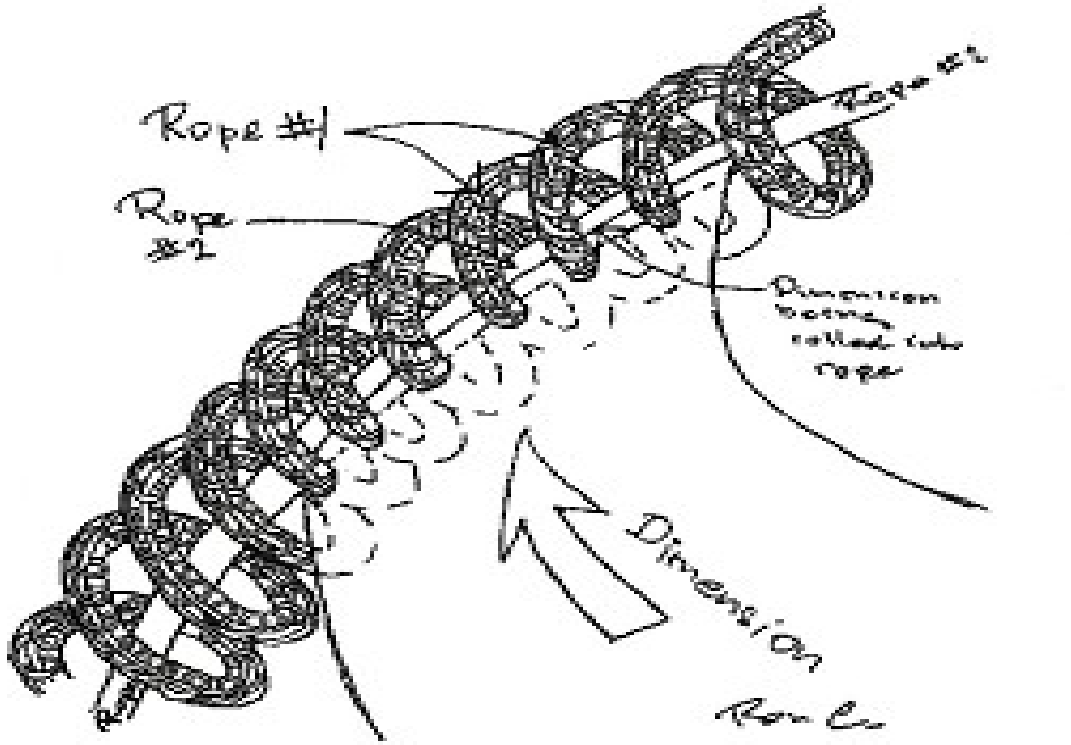


The formation of strings. A necklace becomes a string, as in string theory, when it becomes one of the ten strings around a regular UPA or one of the five strings around a shadow UPA. As soon as a space compartment started to explode and the rectangular array split between the fifth and sixth necklaces, multiple necklaces began to peel off and flying in all directions. If a necklace broke into a line with two ends, it quickly reformed a circle in most cases. These necklaces were unstable in two ways: (1) a single necklace quickly form multiple cylindrical helixes and (2) groups of five or ten quickly for UPAs.

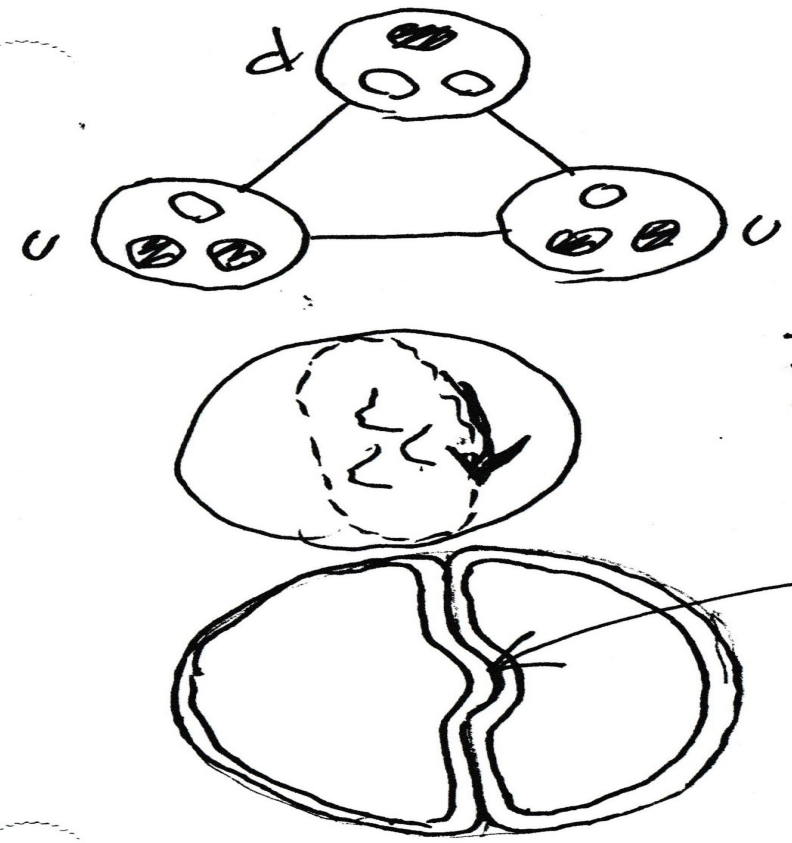
Ron Cowen: Helix Formation

Helix formation occurs in seven stages. The first stage occurs as the row of bubble tori "snap" into a cylindrical helix formation in which the tori warp around a rope that absorbs specific dimensions. The rope forms the axis of the helix. This first rope then immediately forms a second and larger helix wrapped around a second rope. This process is repeated seven times until there are seven ropes.



After a flurry of activity, two types of UPAs were formed, the regular UPA and the shadow UPA. The regular UPA was described in great detail by Leadbeater and Besant in their book, *Occult Chemistry*, and looks like this:

Ron Cowen: Proton



Proton

d = down quark

u = up quark

● = positive UPA

○ = negative UPA

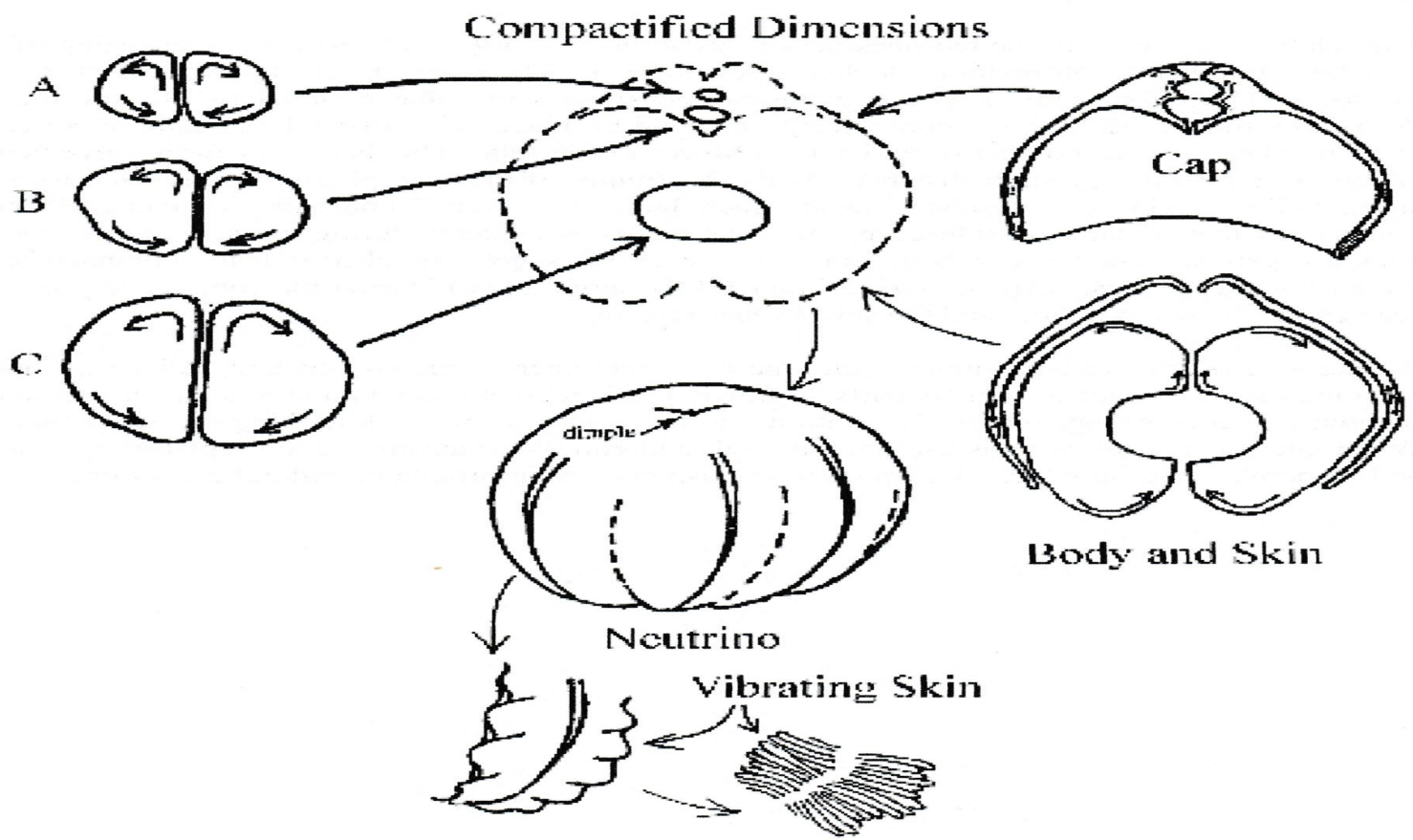
Inside this sphere is a violently rotating disk or partition with 3 bumps in it.

bowl-shaped and very thin space, profoundly distorted space-time

Ron Cowen: Proton

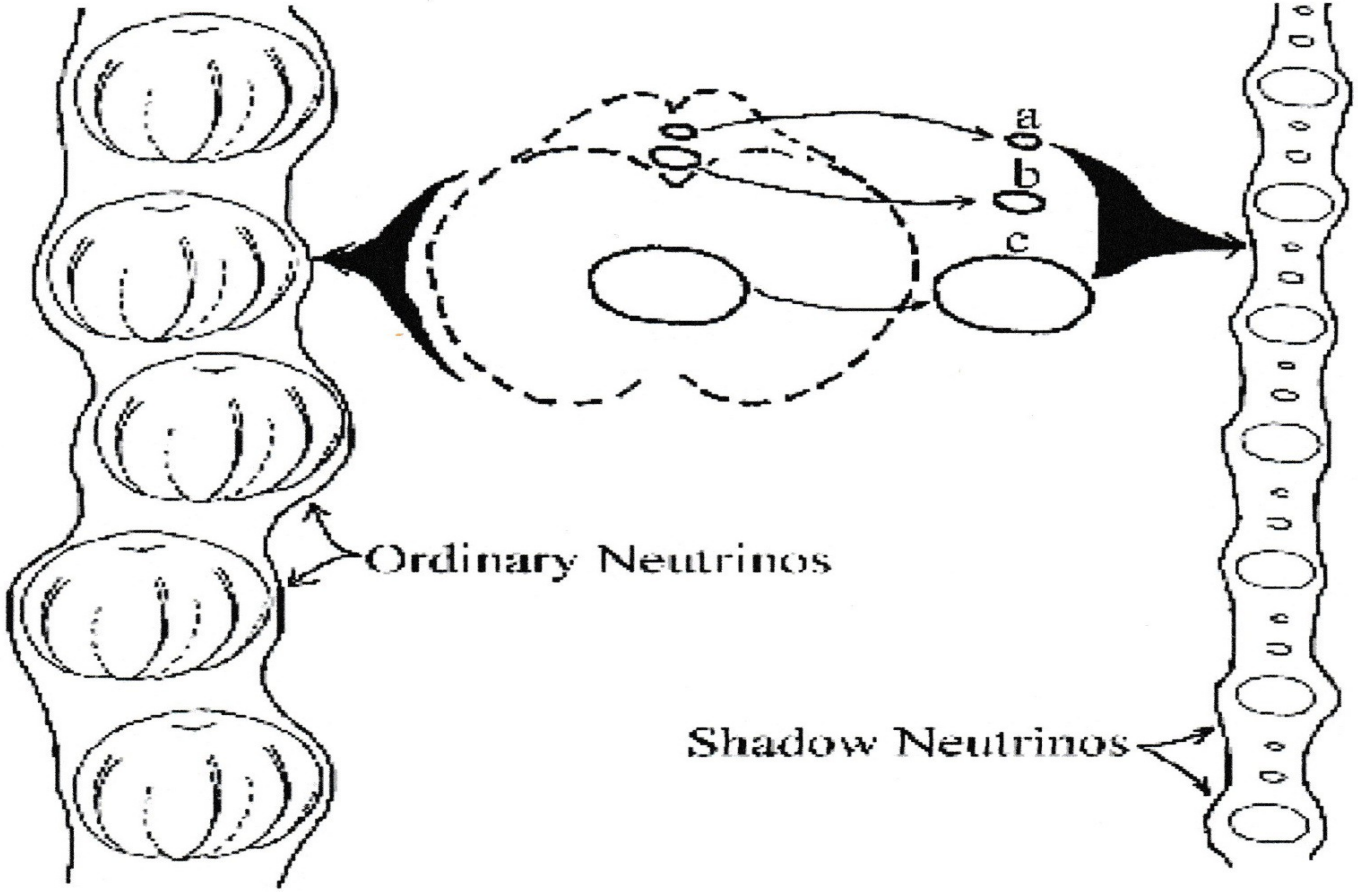
- Ron Cowen observed that when nine subquarks came together, the Higgs bosons around the individual subquarks became unstable and try to envelope all nine subquarks
- This is not stable, instead two large Higgs bosons take turns enveloping the nine subquarks in two hemispheres, with three bumps that pop in and out together; the hemispheres are actually tori, and the hole in each torus jumps from one bump to the next in a fixed order

Ron Cowen: Neutrino

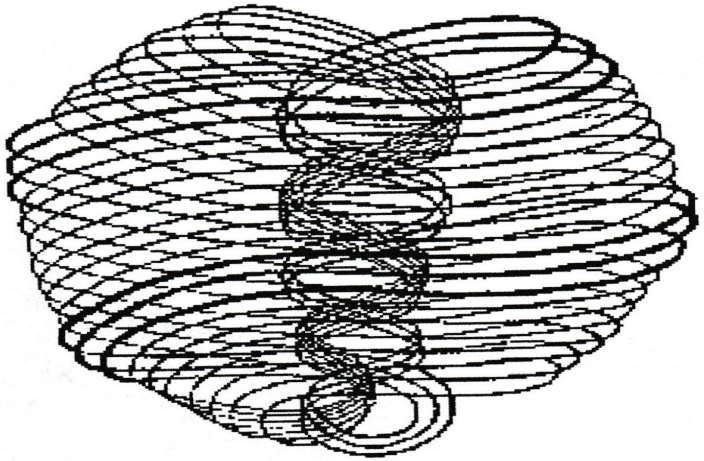


The necklace of neutrinos. A necklace consists of tubes of neutrinos. These tubes form helixes inside helixes and look like this. The ropes consist of compactified dimensions.

Ron Cowen:
Matter Neutrino and Dark Matter Neutrino



Ron Cowen: Dark Matter Subquark



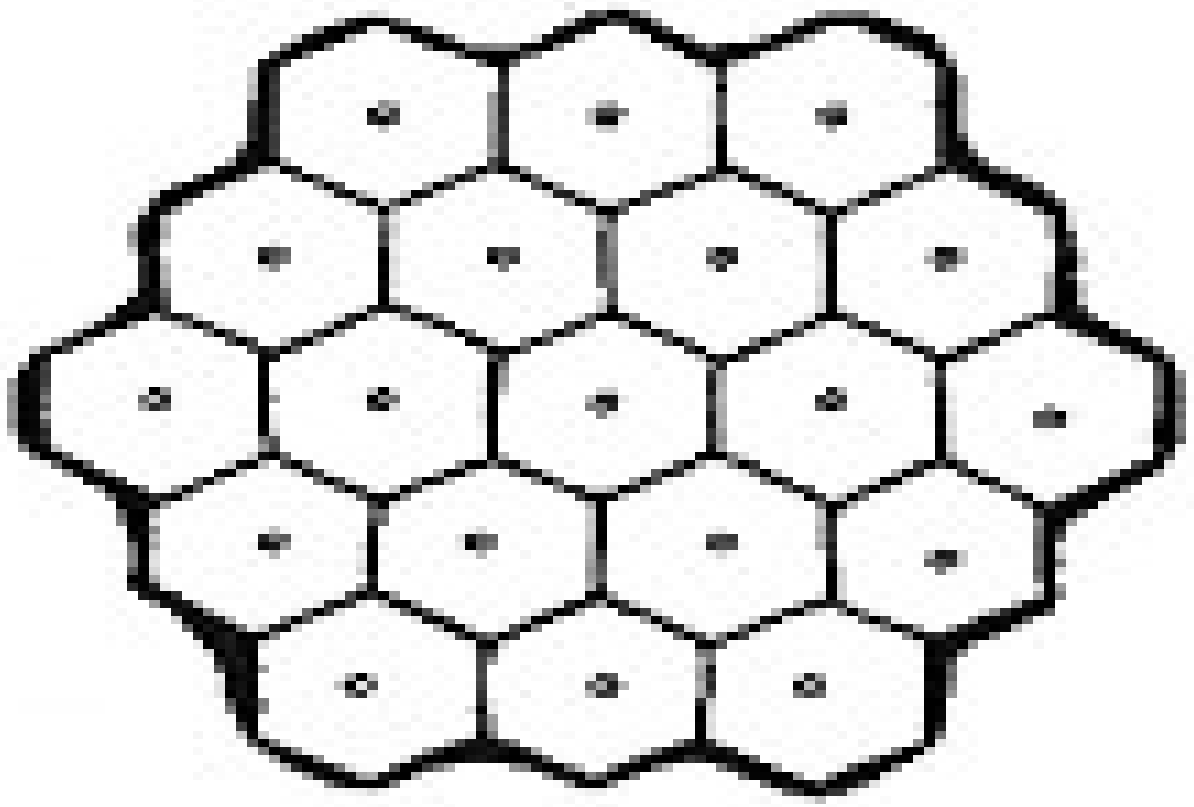
The shadow UPA was not observed by Leadbeater and Besant and it looks like this:

An individual string from the shadow UPA looks like this:

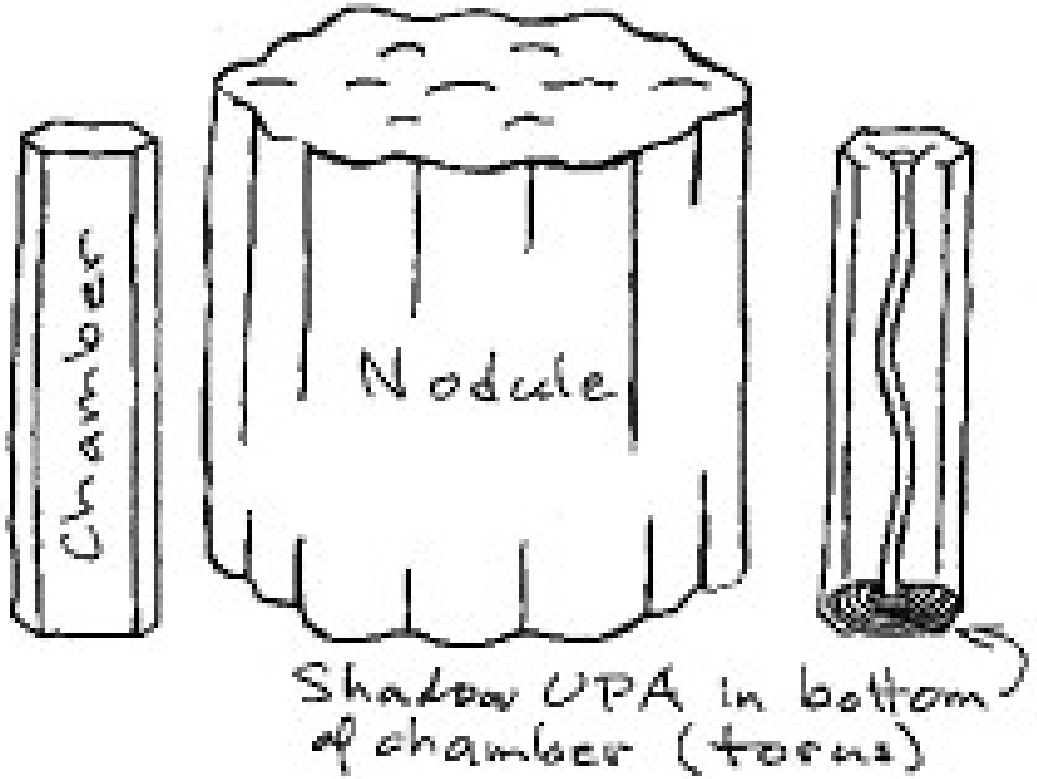
Ron Cowen: Dark Matter Nodule

- Dark matter subquarks form at the bottom of hexagon shaped torus chambers that cluster together in groups of 19 to form nodules.
- The 19 chambers are tied together by strings consisting of rows of bubble tori inside a hollow tube.
- Viewed from above, a nodule contains 19 hexagon shaped tori with the holes extending top to bottom; viewed from the side, a nodule looks more like a barrel.

Ron Cowen: Dark Matter Nodule
Top View



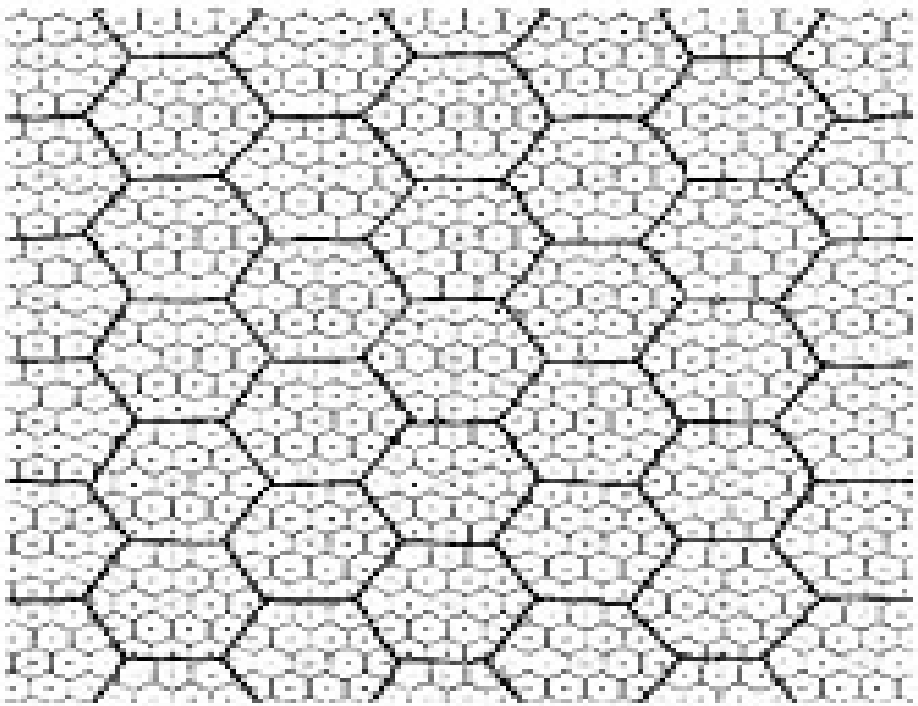
Ron Cowen: Dark Matter Nodule Side View

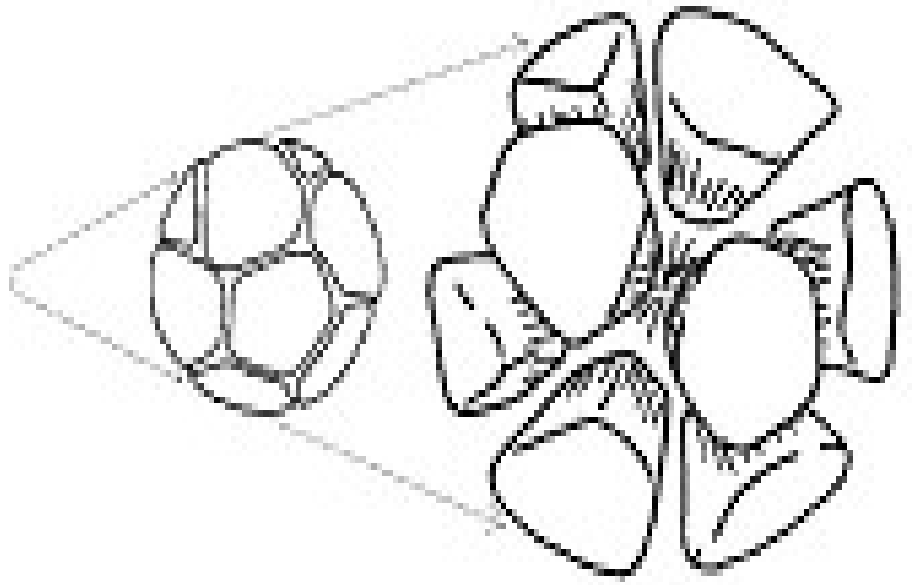


Ron Cowen: Dark Matter Nodule

- Dark matter nodules cluster together in groups of 200 to 300 nodules.
- They are in constant vibratory motion: while each chamber is a hexagon prism that shares walls with other adjoining prisms, the walls undulate so much they cannot be drawn accurately.
- The nodules are tied together by long strings of bubble tori forming equilateral triangles with the vertices of the triangles at the center of each nodule.
- These nodules formed a circular sheet of about 25 nodules in diameter, called a mega-nodule.

Ron Cowen: Dark Matter Mega-Nodule





Ron Cowen: Dark Matter Nodule

- Immediately after the big bounce, the number of mega-nodules multiplied very rapidly, while exploding in all directions.
- Mega-nodules at some point started to grow into a tree, with the oldest at the root, the youngest at the ends of the branches.
- This tree is a mind-form that has barely started to grow; when it absorbs a boson, it starts to grow the branches of the tree.
- Inside the human body are many mind forms.

Ron Cowen: Dark Matter Nodule

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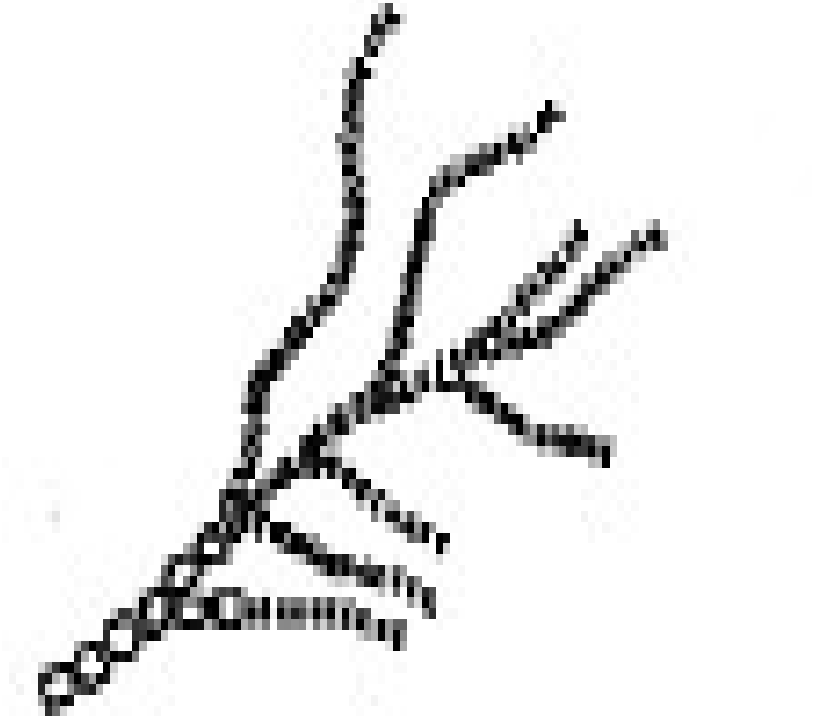
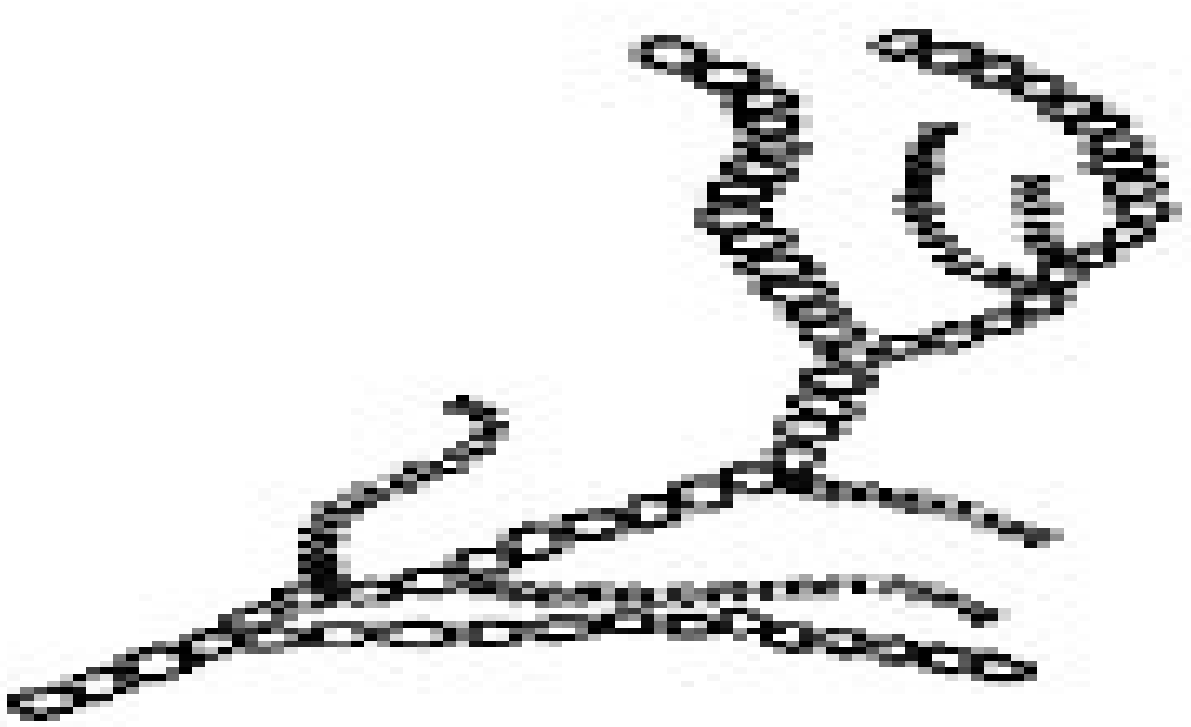
Ron Cowen: Dark Matter
Initial Mind Form



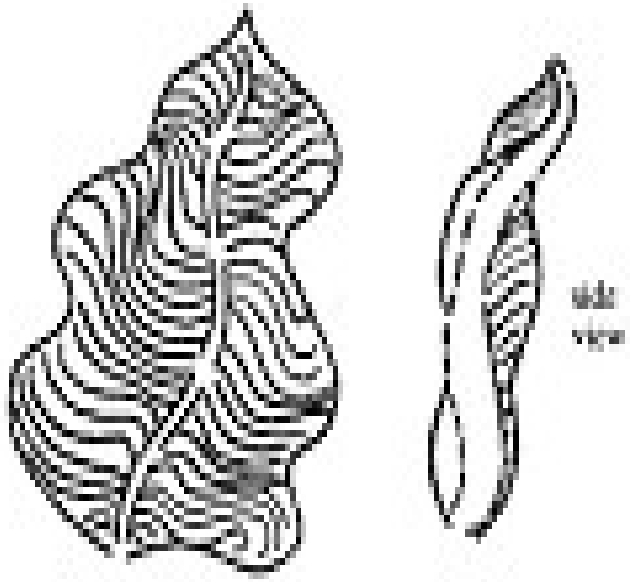
Ron Cowen: Dark Matter

- A mind form grows many mega-nodules many times a second: the growth is incredible.
- The growth is fueled by dark matter interacting with matter through gravitation and the weak force to absorb energy from matter.
- Inactive dark matter forms wide swatches of arc shaped clouds, effectively hundreds of kilometers long parallel threads, within disk shaped galaxies

Ron Cowen: Dark Matter Intermediate Mind Form



Ron Cowen: Dark Matter Advanced Mind Form



Big Bounce

- All Matter Is Converted to Dark Matter
  - No electrons, only subquarks in space compartments
- Bounce Occured When Space Foam Compartments Collapse then Bounce
  - Inflation is expansion of collapsed space foam compartments
  - Dark energy is energy generated from bounce
  - This occcured several trillion years ago with creation of two Higgs bosons, one for dark matter and one for matter, to handle scaling of masses et al
  - Dark matter combined and evolved to create sentient creatures/souls
  - Much later after bounce, matter was created
  - After expansion, universe begins to collapse to start cycle over again
- Other universes/multiverses are also extant and going through cyclical bounces