

Golden Mean (1.618...) = Vertical Increment of turn

Horizontal Increment of turn

Radius of turn

pronounced "Phi" Symbol for Golden Mean

One Turn of the Double Helix

Dan Winter original computer graphic see: goldenmean.info/dnamanifesto

**DNA Helix is Wratcheded Dodecahedra**

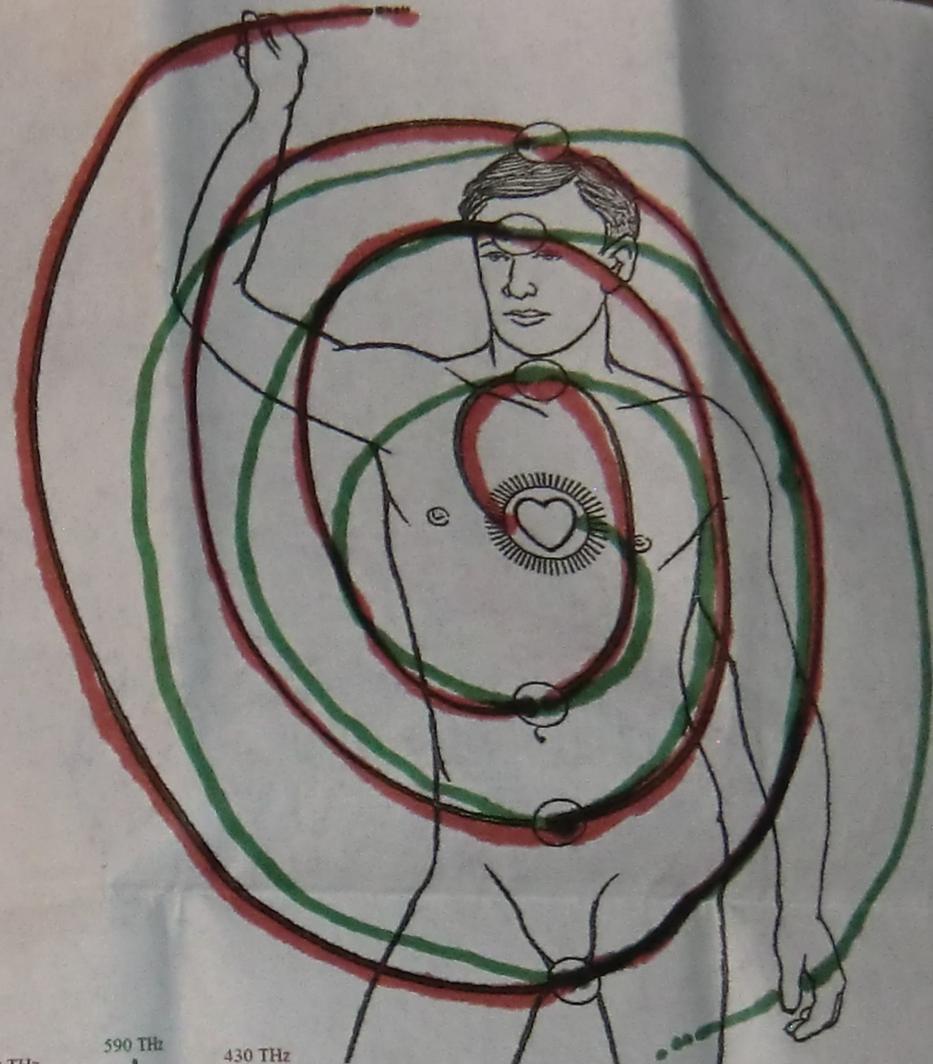
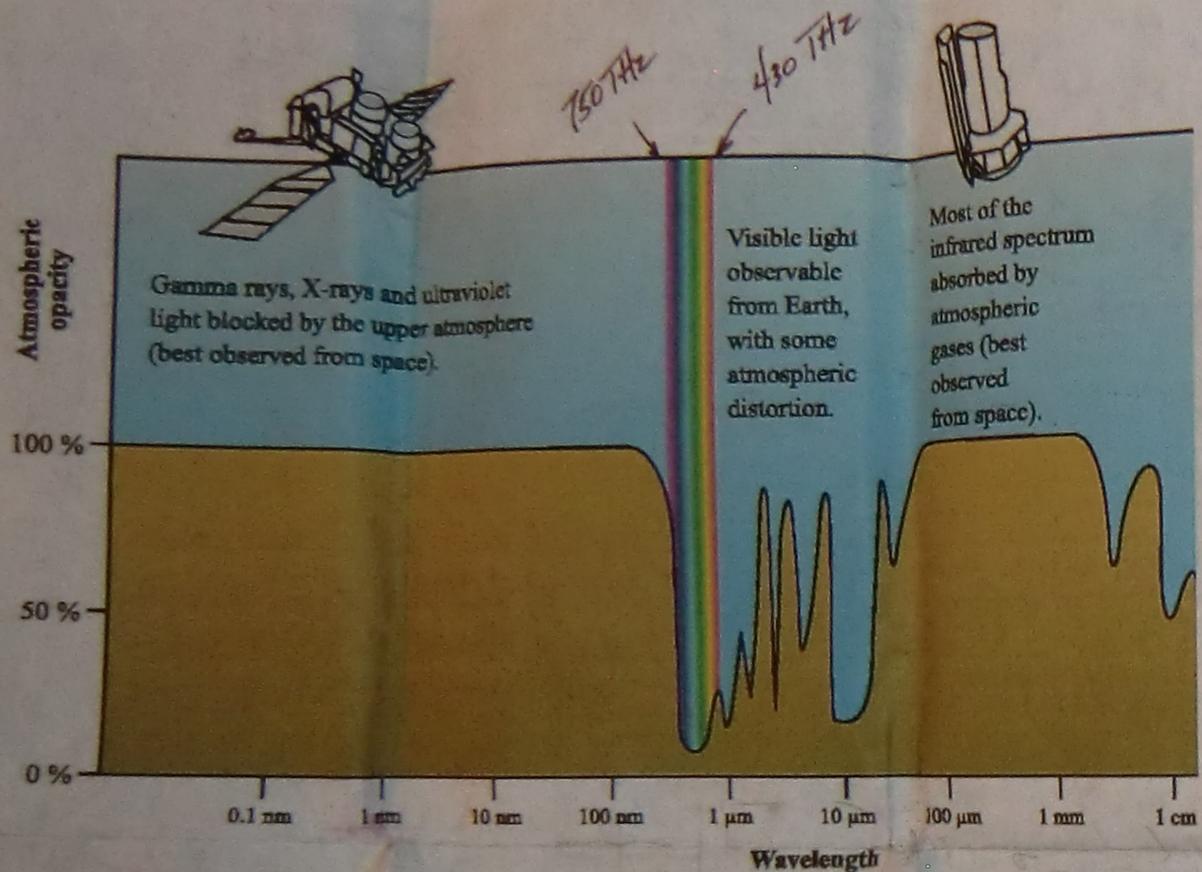
Gravity exists where the inside looks like the outside, charge collapse Gravity Exists Because.. the amount of rotational inertia at each wave node Here the rotational inertia (mass) is phase locked (translation of vorticity) to the directly centripetal implosive inertia (gravity).

The photon's wavelength is proportional to the energy released by a scalar field compression, which in turn is toroidally coupled to a vector field rotational angle

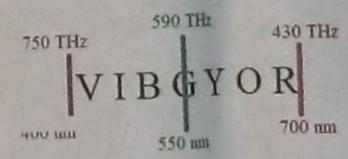
Where the vector rotational angle corresponds to an interdigitation angle among the geometrized original scalar and vector fields, the enhanced field alignment causes the photon to be perceived as a primary color

Gravity Exists Because.. the amount of rotational inertia at each wave node in the vortex must perfectly balance the amount of centripetal inertia toward center. The golden ratio as perfected translation of vorticity- allows this multiple branching of wave directions. Just as it allows the adding and multiplying of both wave lengths and wave velocities.

**TO PRODUCE CHARGE ACCELERATION (GRAVITY) FROM SIMPLE COMPRESSION**



Visible Light Example:

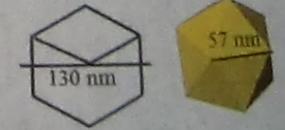


BACKGROUND

US CDC Patent #776521 2010, Page 4

The coronaviruses (order Nidovirales, family Coronaviridae, genus Coronavirus) are a diverse group of large, enveloped, positive-stranded RNA viruses that cause respiratory and enteric diseases in humans and other animals. At approximately 30,000 nucleotides (nt), their genome is the largest found in any of the RNA viruses. Coronaviruses are spherical, 100-160 nm in diameter with 20-40 nm complex club shaped surface projections surrounding the periphery. Coronaviruses share common structural proteins including a spike protein (S), membrane protein (M), envelope protein (E), and, in a subset of coronaviruses, a hemagglutinin-esterase protein (HE). The S protein, a glycoprotein which protrudes from the virus membrane, is involved in host cell receptor binding and is a target for neutralizing antibodies.

$f=c/\lambda$ .  $\lambda=130$  nm so a segment of the icosahedron capsid is about 60-65 nm.



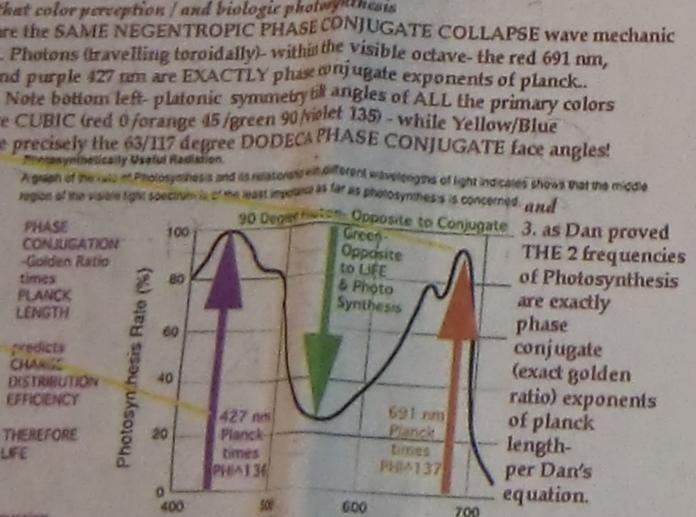
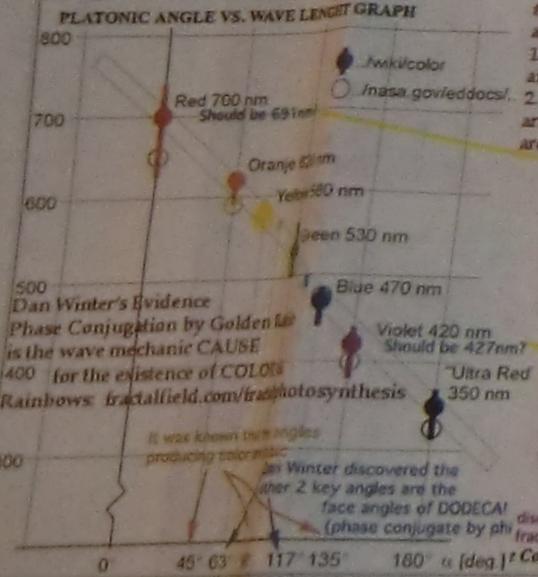
$f=5.263157895$  peta Hz reduced 20 octaves to 5.019338507 GHz.

$\lambda=30$  nm for the horn, "club shaped" projections.  
 $f=10$  peta Hz reduced 22 octaves to 4.768371582 GHz.



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For me then I strongly hypothesize - that the REASON color exists - is that the photons as toroids are forced to angle their relative approach in 3D to the DODECA faces- this ALLOWS them to PHASE CONJUGATE CONSTRUCTIVELY - and THIS is what causes them to emerge at the dodeca face angles CALLED- COLOR!



Dan's perspective: RE- new symmetry and ORIGIN OF COLOR - below - based on DODEC - Dan suggests that the most likely reason the primary colors frequencies (P1=R, P2=Y, P3=B) differences are accurately predicted by the dodecahedron planes central angles is because PHASE CONJUGATION is specifically permitted BY THE GOLDEN RATIO stellations of this dodecahedron. He hypothesizes that the REASON the photonic vortex HAVE to find dodeca symmetries - and thus create COLORS because that dodeca array is the only way PHASE CONJUGATION and thereby 3D sorting / successful compression + distribution can happen