

Chapter Two

THE CONVERSION OF GEOMETRIC HARMONICS INTO VALUES COMPATIBLE WITH THOSE IN CLASSICAL PHYSICS

Over the years I have had a running battle with the scientific fraternity regarding my use of geometric harmonics to demonstrate the unified nature of the Universe. It has been their contention that all my conclusions must be in error because there was no way that the values I use could be equated with those in the physics books. Chance, they said, if any of my calculations appeared to be valid when compared with classical values.

I present the following mathematical evidence to demonstrate that there is a way to bridge the gap between classical values and geometric harmonics.

In physics, the standard unit for wavelength is called the angstrom unit (abbr. Å).

One angstrom unit	= 10^{-10} metre
One metre	= 39.370079 inches
	= 3.2808399 feet
	= 5.39967^4 minutes of arc (relative to the Earth's surface)
	(nautical mile)
$5.39967 \div 6 \div 6 \div 6 \div 6 \div 6$	= 6.944^8

It appears that the angstrom unit is equal to the reciprocal of the maximum speed of light harmonic (144000) in the geometric tables—.6944* (repeating).

GRAVITY IN AIR
↓ FALL
5
25
125
625

The Coulomb Converted to Geometric Harmonics

Usually an electrician measures the flow of electricity in amperes. The number of amperes tells us how many electrons flow past a given point per second. Experiments show that if 6.25 x 10¹⁸ electrons flow past per second, we have 1 ampere. This number of electrons, 6.25 x 10¹⁸, is called the coulomb.

To convert this value to grid time we must use the ratio of 8:9, so:

* $6.25 \times 10^{18} \times 8/9 = 5.55555555 \times 10^{18}$

The harmonic value can be taken as: 5.55555555*

555/15/6
444/16/7
SEE C. MUNCH.

We can now associate this harmonic with geometric values:

$\sqrt{1/5.55555555 \div 36} = 6.48$
 $\sqrt{6.48} = 2.455844$ harmonic (25455844)

(See grid polar sections and Earth magnetic values.)

Also, if we assume that the 5.55555555* harmonic is associated with one full shell in the atomic structure, then:

$5.55555555 \div 8 = 0.69444444$ * harmonic for each electron (light reciprocal)

The Relationship Between Electron Mass and the Harmonic Geometric Tables

Electron mass given as = 9.11 x 10⁻³¹ kilograms

If we assume a full shell of 8 electrons:

Total mass = 9.11⁻³¹ x 8
 = 72.88⁻³¹ kilograms

PS. 8 x 29 = 216
32 x 29 =

This would be for one matter-cycle, and to allow for the antimatter cycle we must double the mass for a complete matter-antimatter cycle.

Therefore,

72.88 x 2 = 145.76⁻³¹ kilograms
 Reciprocal of 145.76 = 6.8605927⁻³
 6.8605927⁻³ x the 6 harmonic = 0.041163556 harmonic
 This harmonic squared = 1.6944383 harmonic
 (See matter-antimatter harmonic table.) ←

(π x φ)/3, or
 * (3.1415927 x 1618.034) ÷ 3 = 1694.401242 harmonic

This would give an electron mass value of 9.1100998 x 10⁻³¹ kilograms. This could have some significance. ✓ ▽

The Magnetic Monopole and the Fine-Structure Constant

A few years ago a group of scientists suspended a cosmic ray detector 130,000 feet above Sioux City in Iowa, in order to intercept atomic particles coming in from deep space. Amongst a shower of heavy particles there was one that was completely different from its neighbours. After much debate the scientists considered that the strange particle must be a magnetic monopole, the basic unit of magnetism. According to theory, in order to have complete symmetry between electricity and magnetism there must be a magnetic monopole. This would be similar to the negative electron or positive proton. GAL. CENTER?

All known magnetic materials seem to be dipolar in nature, and no single north or south poles have been discovered before the event of this visitor from space.

A British physicist, Paul Dirac, calculated that there should be a basic magnetic particle that carries a north or south charge 68.5 times that of the electron, or some multiple of that value—possibly 137. This single number would be associated with the speed of light, the electron charge and quantum mechanics. I would add here, and gravitation.

The number 137 is known as the "fine-structure constant", which is the probability factor controlling whether an electron will emit or absorb a photon. Experiments have shown this value to be around 137 but as there are no absolute boundaries, only fuzzy edges, when dealing

137⁵⁰ = 11.70

with electronic fields, I would expect the value of 68.5 in relation to the magnetic monopole also to be in the fuzzy category. According to my research, I would make this value 68.50725813.

The fine-structure constant would therefore have a value of 137.0145162. This would make it possible to speculate.

I believe that the magnetic monopoles exist and that the creation of matter is dependent on the coupling of the poles into individual units. I can visualise streams of monopoles, both of positive and negative charge according to their spin, passing through each other and pairing off to form physical particles. The process would be much the same as the closing of a zipper. I described a similar process in the formation of the natural energy grid. The process would be complicated slightly by the fact that the monopoles would have respective anti-monopoles in a mirror-image reality, which manifests at a pulse rate tuned to the speed of light.

OR
UN-
CLOSING

If the basic magnetic particle, or monopole, carries a charge that is 68.50725813 times greater than the electron, then we could expect the volume of the surrounding field to be directly related to this value. So, if we assume that the radius of the spherical field of the monopole is 68.50725813 units, then:

JUST UNDER 69

Volume of the monopole's spherical field:
 $(4 \times 68.50725813 \times 68.50725813 \times 68.50725813 \times 3.141592654)/3$
 = 1346785.298 cubic units

To allow for the matter-antimatter cycle, we would then have to double this result:
 $1346785.298 \times 2 = 26935706$

The harmonic of 26935706 is equivalent to the value for 'E' in geometric Unified Equation 3, if the value for 'c' is equal to 143791.36438 minutes of arc per grid second (the harmonic reciprocal of gravity acceleration 6.95452056^3). (See unified tables.)

If 'c' = 143791.36438, then '2c' = 287582.7286.

Calculation by harmonics:

$$\begin{aligned} E &= \sqrt{[(2c + \sqrt{1/2c}) \times (2c)^2]} \\ &= \sqrt{[(2875827286 + 5896829800) \times (82703825)]} \\ &= \sqrt{(8772657086 \times 82703825)} \\ &= \sqrt{7255323} \\ &= 26935706 \text{ harmonic} \end{aligned}$$

FIVE
PHI

The Fine-Structure Constant:

It is said that Dr Edward Teller, the nuclear physicist who helped to develop the hydrogen bomb, derived a value for the fine-structure constant—or alpha, as it is known—from gravitation. Many well-known scientists have tried and failed to figure out how the magic number of alpha could be comfortably fitted into the quantum theory. One particular scientist spent many hours multiplying pi by a series of numbers hoping to come up with the value of alpha.

I found that if I divided my theoretical alpha by the constant phi multiplied by pi, I could get an interesting result:

$$\begin{aligned} 137.0145162 \div (1618.034 \times 3.141592654) \\ = 137.0145162 \div 5083.203728 \\ = 0.026954363 \text{ harmonic} \end{aligned}$$

* (handwritten mark)

PH. MIX?
IN US

Could this be an accident? The harmonic 26954363 is the value for 'E' in Harmonic Unified Equation 3, if 'c' is equal to 143891.36438 minutes of arc per grid second (the speed of light in vacuum). (See unified tables.)

If 'c' = 143891.364919, then '2c' = 287782.7298. $\times 7 = 2,014 \text{ YEAR?}$

(EARTH HAR.)

-4

Calculation by harmonics:

$$\begin{aligned} E &= \sqrt{[(2c + \sqrt{1/2c}) \times (2c)^2]} \\ &= \sqrt{[(2877827298 + 5894780400) \times (8281889957)]} \\ &= \sqrt{(8772607698 \times 8281889957)} \\ &= \sqrt{72653771590} \\ &= 2695436358 \text{ harmonic.} \end{aligned}$$