

# Absolute Geometry: From Basics to the $\pi$ -rule of the $\Phi$ -invariant Physics

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## Abstract

This is to clarify in more detail some basic aspects of absolute geometry and discuss what is the  $\pi$ -rule in physics unified by the universal  $\Phi$ -invariance.

Quantum physics begins with the concept of spin coupled with the Planck constant. It should be reminded that in the classical quantum mechanics

$$\text{Spin} = \cos 30^\circ \quad (1)$$

This basic fact has been forgotten because textbooks for decades refer only to the spin projection as  $1/2$ .

Now we know what is four-dimensional space-time and, therefore, immediately obtain an equation of harmony

$$\{\text{Spin}_{\cos 30^\circ} \cdot h \dim h\} \cdot \Phi^3 i_1 = 90. \quad (2)$$

Electromagnetic waves are permanent bifurcation oscillation between the space and time vectors intercrossed by the straight angle. It is elementary to guess and try something like

$$\{\{\Phi \perp i_1\} ci_1\} \cdot e^{2\Phi \pi i_1} = \frac{583\ 859\ 367}{2}. \quad (3)$$

Approximate and interpret also

$$\{\Phi \perp i_1\} ci_1 = \frac{100}{\pi - 3} \{1 + \varepsilon\}. \quad (4)$$

Propagation of light waves by obvious reasons doesn't need in aether. But the medium where physical processes take place is the self-gravitational space-time. Therefore,

$$\{\Phi \perp i_1\} \times G_{6.673} = \frac{2}{\Phi} \cdot 10^{3.00000...} \quad (5)$$

In complete

$$\{\Phi \perp i_1\} \times G \dim G = \{\Phi \sqrt{2} = \dim E\} \cdot 10^{3.00000...} \quad (6)$$

It is a bit strange, but it is an exact equation that

$$\{\{\{\Phi \perp i_1\} \cdot G \dim G\} \cdot ci_1\} \cdot e^{8\Phi \pi i_1} = \frac{10^{25.9999...}}{\cos 2\Theta_{STR}}. \quad (7)$$

As testify Einstein's disciples in their memoirs, once on a colloquium the mentor was napping, but he suddenly was awoken by the street noise and asked the auditorium "What is light?" The answer is as simple as next:

$$299792458 = \sqrt[2]{427285 \cdot 10^{21}}. \quad (8)$$

Light is after all a just theoretical HI. The HI 427285 has to be not by a blind chance, but be somewhat a logical consequence of the entire system of universal harmony.

Thinking a bit logically in the system we try and find that

$$427285 \cdot \{\Phi \perp i_1\} = \frac{237\ 444\ 914}{3}. \quad (9)$$

In some most fundamental cases the Golden braid of HIs is interrupted making reference to (sub)quantum jump Processes

$$\cos 2\Theta_{STR} \cdot \sqrt{\frac{237\ 444\ 914}{\cos 2\Theta_{STR}}} = \textcircled{C} \cdot 10^{22.99999...} \quad (10)$$

Approximate and interpret also

$$299792458 \cdot i_1 = \exp \exp e \cdot 100 \left\{ 1 - \frac{1}{4434.531539} \right\}. \quad (11)$$

Because of my answer (8) to Einstein's enquiry I have been much humiliated before the enlightened European physicists. In 2000 I was in the UK and one day came to one of wellknown university centres of theoretical physics. There I was told to approach a young man said to be in a high position. I approached that man in his room and showed the (8). I was hopeful that the man will inevitably be interested to know more about such incredible oddity as (8) and it is this way that discussions on the problem of unification

might be incited.

But, the man made a very fearful face and whispered to me: "In physics there is something called dimension, you know" and showed to me his back making a disgusting face. This kind of reaction to (8) happened many times. Why such a misfortune? Physicists bow to dimensions, but they are slow to grasp the very idea of what should be called dimensionality. And what must be obvious to physicists, dimensions are intercorrelated implying that experimental numbers can be theoretical ones in a way or other. Otherwise, the very concept of dimensionality loses its meaning. If you think that bare numeric experimental constants have no theoretical meaning, then any observations and experiments become meaningless. The problem is to believe or not to believe in the rationality of the world. Physicists appear to be mostly Thomas-unbelievers. They believe only in their doctoral dissertations mostly fabricated by some occasional tricks.

The method of HIs is notably the only possible way the physical reality makes it computable and provable mathematically. See that

$$\{\Phi \cdot \perp \cdot \Delta_{Exp\text{rm}} \cdot i_1\} \times G \dim G = \mathbf{313574}. \quad (12)$$

$$\{\Phi \cdot \perp \cdot \Delta_{Exp\text{rm}} \cdot i_1\} \times \times Ghm_e e^\pm \cdot \dim(Ghm_e e^\pm) = \mathbf{32960325}. \quad (13)$$

Now we will move to the  $\pi$ -rule of geometry in making the physical Universe. Einstein is said to have once asked in desperate "What is the electron after all?" Once in my younger ages I coined a quantum mechanical equation for the electron which looked quite good and even somewhat workable, but not revolutionary. This time physics needs revolutionary new developments. Otherwise, there will be no need to make much ado about nothing particular.

The full blown unit particle is now written by

$$\left\{ \begin{matrix} \text{Space} \\ \Phi \cdot 90 \cdot 137.035999 \cdot \text{Time} \\ i_1 \end{matrix} \right\} \cdot Ghm_e e^\pm c \cdot \dim \{Ghm_e e^\pm c\} = \sqrt[3]{\mathbf{142736} \cdot 10^{23}}. \quad (14)$$

It asks to be extended to electroweak particle, so

$$\sqrt[3]{\mathbf{142736} \cdot 10^{23}} \cdot \frac{\Theta_W}{\sin \Theta_W} = \sqrt[3]{\mathbf{4783} \cdot 10^{88}}. \quad (15)$$

The standard strong force mechanism yields (16)

$$\cos 2\Theta_{STR} \sqrt{\left\{ \left\{ \sqrt[3]{\mathbf{142736} \cdot 10^{23}} \cdot \frac{\Theta_W}{\sin \Theta_W \cos \Theta_W} \right\} \cdot \frac{2\Theta_{STR}}{\cos 2\Theta_{STR}} \right\}} = \mathbf{1357024} \cdot 10^{27}$$

$$\mathbf{1357024} \cdot \Phi \pi e = \mathbf{18750788}.$$

Absolute geometry is the experimental study of the native tongue the physical world speaks. The only way to learn something, in general, and absolute geometry, in particular, is experiment. In nu-

meric experimentations one will often stumble over such an odd operator as

$$\{(\cos i - 1)^{-1} - 1\}^{-1} = \cos \tilde{\mathbf{I}}. \quad (17)$$

Any operator bifurcates into an inverse operator to govern phase transitions. Therefore, the origin of the spin might ultimately be explained by such a colossal turbulence as

$$\cos \tilde{\mathbf{I}} \cdot \frac{\exists}{\textcircled{\text{a}}} = \mathbf{30}. \quad (18)$$

Symmetries are necessarily broken

$$\left\{ \left\{ \mathbf{30} / \frac{\exists}{\textcircled{\text{a}}} \right\}^{-1} + 1 \right\}^{-1} + 1 = \cos i \left\{ 1 + \frac{1}{42353.4106} \right\}. \quad (19)$$

But, it is elementary to guess and obtain

$$42353.4106 \cdot e^{5\Phi\pi e i_1 \sqrt{2}} = \frac{\mathbf{360113}}{9} \cdot 10^{54}. \quad (20)$$

$$2 \sin \lg \left\{ 42353.4106 \cdot e^{5\Phi\pi e i_1 \sqrt{2}} \cdot \frac{9}{\mathbf{360113}} \right\} = \Phi. \quad (21)$$

Now that we go for superunified equations, first,

$$\begin{aligned} & \cos i \sqrt{e^{\sin i \cos i \cdot 5\Phi\pi e i_1 \sqrt{2}}}. \\ & \left\{ \mathbf{X} \cdot e^{5\Phi\pi e i_1 \sqrt{2}} \cdot \frac{\exists}{\textcircled{\text{a}}} \right\} = \quad (22) \\ & = \frac{9}{\mathbf{14177224}} \cdot 10^{150}. \end{aligned}$$

$$\begin{aligned} & \mathbf{14177224} \cdot \\ & \cdot \left\{ \pi \frac{\Phi^3 \sqrt{i_1 i_2}}{\text{Spin}} \left\{ (3+1) \dim_\Phi \Phi^3 \sqrt{i_1 i_2} \right\} \right\} \cdot \mathbf{D}\{4\}_+^* \\ & 2 \sin \lg \frac{\mathbf{11}}{\mathbf{11}} = \Phi. \end{aligned} \quad (23)$$

And necessarily, (24)

$$\mathbf{14177224} \cdot \pi \frac{\Phi^3 \sqrt{i_1 i_2}}{\text{Spin}} \cdot \{Ghm_e e^\pm c \cdot \dim \{Ghm_e e^\pm c\}\} = 10^{13.000}.$$

We need to avoid wording and speculative philosophy as much as possible. Nature speaks this mathematical language we describe. Consequently, we are required to be able to comprehend the native tongue of the Universe looking at formulae and equations alone without any intermediary of human languages. It is like chess playing. Given certain position on the board, you look for some quickly and beautifully winning compositions. Usually chess is no less instructive than mathematics. Winning compositions are always nontrivial and risky. We coin a spin-related composition not without a reason or two

$$\left\{ \mathbf{30} / \frac{\exists}{\textcircled{a}} \right\} = \text{cos} \tilde{\mathbf{I}} \left\{ 1 + \frac{1}{6810.343515} \right\}. \quad (25)$$

$$6810.343515 = 10000 \sin \Delta^*. \quad (26)$$

$$\frac{\Delta^*}{\Delta_{\text{Exprm.}}} = 1 + \frac{1}{\Upsilon = 3471.277441}. \quad (27)$$

$$\Upsilon = \Phi \pi e^i \sqrt{\pi \Phi^3 i_1 \cdot 10^{61}} = 3471.340795. \quad (28)$$

The chief rule is that no one formula can be exact because of self-perturbation effects of the system. Even if a single formula becomes formally exact, the universal machine stops to work with the consequence that the Cosmos collapses. Therefore, higher order approximations as exemplified just previously should never end.

### References

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