

Binary: Space $\Leftrightarrow$ Time, Re Spect Physics



Mea culpa, no other or institution is accountable for this student work. The unity of field between these two states requires a Medium as a field constant, a Manifestation of reason.

Ancient Apocalypse is ancient revelation. Apocalypse Now is revelation now, to realize that Life, the Good, is speaking to us personally is essential mysticism. Do we listen? Our fore mothers and fathers are listening. By their love they did and do guide us.

Quantum: to count, to measure.
Humanity uses quantum physics to measure, to count by quantity
relations to control the outer world
manifest to senses.

Qualitum: what quality to measure, why count:
Nature's, Physic's, call to conscious. Humanity perceives the qualitum of nature to understand, to cognize the inner world, thereby manage and measure the experience of our soul.

We measure space. We measure time. We comprehend these two qualities by our measurements. What distance is between two locations? How long is between two events? There is more to their meaning. There is more to their purpose.

"I will therefore loosen the reigns on my mind for now so that later, when the time is right, I will be able to control it more easily." ~René Descartes

Bahá'u'lláh calls us to understand truth we must, have freedom of spirit, as René suggests. But also, purity of heart, desire to learn for its own sake and chastity of soul, do not persuade or be persuaded.

Apology: It is good to define the purpose of the writing of this collection. This student is understanding what was taught. The goal since high school is to understand, in the context of the Baha'i teachings, specifically in the context of unity of science and religion, what causes gravity and what causes inertia. This is accomplished merely by understanding and associating what was taught. *Reason is purposeful meaningful association for the good.*

Newton describes, calculates, attributes gravity's force to quantity of mutual mass with no explanation as to cause. (Oneness by mutuality: Mutual Mass, $M_1 \times M_2$, as a expression of unity, diminished by mutual separation, r^2 .) Einstein's statement that gravity attraction occurs because it is the shortest distance, straight down, is no more an explanation of cause than Aristotle's statement that the object is seeking its rightful place. We know what the shortest distance to Haifa is, but that does not cause us to fall towards Haifa, or an other rightful place. We respect Albert Einstein and we respect Aristotle as they respected Nature as torch bearers.

When Democritus* gave us a name, atom, we did unfold and understand. When Nikolai Tesla gave us a name, Dynamic Theory of Gravity, we can unfold and understand. Knowing that the earth spins creating the phenomenon the day and night does not give us control over that inertial phenomenon, the undeniable perpetual motion machine. It does not allows us to change the intellectual concept of time. However, knowledge can be used in our interaction with the physical world when we are not necessarily trying to control what the knowledge is related to. Knowledge for the sake of meaning unfolds before us. Knowledge for the sake of being known not so much. If the goal is for the good, the Good responds.

Researching Newton's works presented an encounter with The Emerald Tablet for the first time; it was provocative. It was felt this document represents a significant clue to how Newton was able to unfold evolving thought between particulars of mathematics and the particulars of the law of attractive force. The clue is correlation, analogy, correspondence, association, equivalence,

equilibrium, balance, mutual, as unity as oneness. To gather a meaning from the Emerald Tablet requires such parallel thinking. If The Emerald Tablet is divine in origin, and it does grasp our conscious and unconscious in such a manner, then understanding its subject is essential to understanding the reality of the tablet. The Latin version that Isaac Newton translated had an archaic opening added, that defines its meaning, its subject in simple terms. "Tis true without lying, certain and most true." Three components are necessary for the Elixir.

1. Recognize Truth: "Tis true"
2. Deeds of truth: "without lying"
3. Certitude of knowing: "certain"
4. the Most Great Truth, the Source as Manifestation: "and most true".

Science and Religion are One by thus. Science and mathematics recognize 1 as not provable. All the statements examining 1, and its equivocal relations (equations) must be truthful to be a good science and good mathematics. When science and mathematics proves by these steps, then a proposition associated to a conclusion is certain. Religion recognizes the Source of the good teaching is from the Good. Purposed to see good, think good, speak good, work deeds of good, and certitude in The Good. There is One Good, the most good. This progression of rational thought is good, created by the teachings of the Manifestations regarding ONE as Hermes presented most true.

The circle of logic that math is most true is demonstrated above. Good circle. The point of Logos is that the Manifestation is most true. Good point. These are flip-side of the same coin both are true aspects of the coin of conscious and unconscious. This student examines the third side, the rim, and its relation joining the two. A fool is a man who lives only by his unconscious, a self aware man consciously examines his unconscious as a source of meaning.

Science of quantum as mathematics, uses the process of cognition known as analogy. A type of oneness as contained by specific recognized mathematical laws of relational comparison, $1=1+0$. Mind.

Religion of qualium, meaning, the preceding process as metaphor. Ante-cognition vector provoked by unknown, uses open association as question, what is zero, nothingness? why the flash of light in the sky? Heart.

Pursuit of first cause of gravity or inertia is pursuit of pure physics. It becomes necessary to further examine human consciousness, and human unconsciousness. There are realities that can be

understood by the unconscious heart, before the conscious mind, that are then metamorphosed/transmuted and thereafter offered on the altar of conscious. Numerous solutions are seen in purposeful directed imaginary thought or in dreams. Hereby, a metaphor is transcribed to analogy. Therefore, these proposals, as to the cause of inertia, and the cause of gravity are atypical, but as true and real as a right angle or velocity or right hand spin.

The mathematics in these papers is conceptual rather than computational. When Hermes was asked, "Why don't most people not like philosophy?" His response, "Often too much mathematics or art is included in the expounding." A double negative opens the door for questions, imagination. And meaning.

Boundary and relations between quantum and qualium need to be better defined based on boundary and relations of conscious and unconscious: more subtle than between physics (science) and religion, yet, such unity is a significant aspect of human progress.

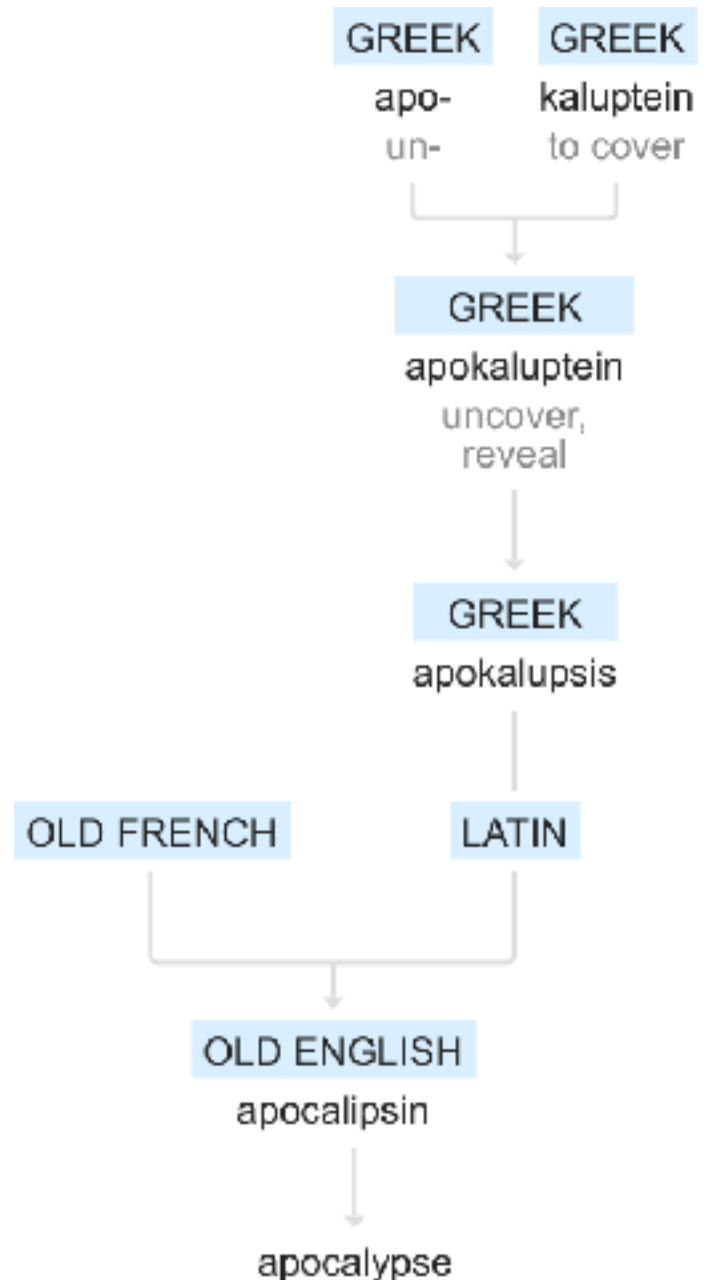
Articles as ranked by relevancy: More relevant to others at the top, less relevant to others, the more personal have higher numbers. All are drafts, this student still learning.

Elderly Baha'i student
Clyde Arthur Keys

Image: **Calculating Celestial Movement** (Getty Education)
 Peter Hille (German, d. 1574)
 Engraving in Leonhard Thurneisser zum Thurn, *[Der Planeten] Circkel und Lauff* (Berlin, 1575), fol. 3l



Apocalypse:



*Wikipedia

Leucippus 5th century BCE) was a pre-Socratic Greek philosopher. He is traditionally credited as the founder of atomism, which he developed with his student Democritus.

Dharmakirti (fl. c. 6th or 7th century) and others, developed distinctive theories of atomism, for example, involving momentary (instantaneous) atoms (kalapas) that flash in and out of existence.

In true consultation when we consult with the ancients, we try to see with their eyes to see the truth that they were presenting. If we spend our mind trying to prove how they were wrong, we are going to miss their point and be all the poorer for it.

Many years ago, this student had an encounter with a imaginal construct known as The Eurancha Book, a fabrication of imagination. It is possible buried in that book are some relationships that are true and valid as analogy or metaphor, but just as truth can be in a imaginal fictional setting such as myth. However, please God if these writings are of a similar character, may they never be published. It is entirely possible to enter a realm of imagine thinking and lose your ability distinguish the *imagination* from *reality*. There are titles and diagnoses for the path that is a person may take between these two points, such as artist and engineer or schitzophrenic and bipolar. However, it is this students hope that by remaining centered on the Manifestation that the flight of ideas, the flow of consciousness is still based on reality. Beyond the periphery of the village, you need a Guide, a Map, Source of knowledge or we will all be lost in imaginative thinking. My wife of fifty years, Cynthia, the goddess of the moon, is my soul and sole-sensible support in this wilderness journey.