

11) Secondary Analysis of SSpace Derived from TimeE



Mea culpa, no other or institution is accountable for this student work of Medium quality.

"I testify that no sooner had the First Word proceeded, through the potency of Thy will and purpose, out of His mouth, and the First Call gone forth from His lips than the whole creation was revolutionized, and all that are in the heavens and all that are on earth were stirred to the depths. Through that Word the realities of all created things were shaken, were divided, separated, scattered, combined and reunited, disclosing, in both the contingent world and the heavenly kingdom, entities of a new creation, and revealing, in the unseen realms, the signs and tokens of Thy unity and oneness. Through that Call Thou didst announce unto all Thy servants the advent of Thy most great Revelation and the appearance of Thy most perfect Cause." ~Baha'u'llah

The universe, one turn, has been given a new turn. This is the foundational principle of physics for this age: "in both the contingent world and the heavenly kingdom, entities of a new creation, and revealing, in the unseen realms, the signs and tokens of Thy unity and oneness." Permission for, blessing on scientific (knowledgable) analysis as "all created things were shaken, were divided,

separated, scattered, combined and reunited." After separating space and time, they must be reunited. Their unity is in the divine world not the physical. Their unity is expressed in the words of the Manifestation.

Communicating in 2025 words is

*!?!§+ challenging.

*=to a unique mind,

!=limited continent of emotion as virtue,

?=limit to words mutually known thereby limit definitions,

§=in context of the "exigencies of our times",

+avoiding extraneous immodest bonding to or persuasion of reader,



Two spaces: Physical space, ideal space. Parallel, correspond, not the same. Bodies in physical space. Physics calculations in ideal. Physical discontinuous. Ideal continuous. Separate these.

Symbols:

sSpace or SSpace = Physical discontinuous space.

TimeE = real Eternal continuous time.

space = ideal continuous space.

time = ideal segmented time.

FewWordTelegraphic. ReaderIntelligent.

Ideal space=consciousness; separates points; contains geometric, mathematical, and quantum relations, "intellectual realities"; 3D continuous contained with ideal/imaginary segmented time as 4D.

Focus on sSpace. Separates, contains: physical objects, bodies, things, discrete quanta particles. Container is discontinuous with what is "outside".

Space as a container discontinuous with time. "Drop in an ocean", continuity negation by time separation, associating prior or posterior existence. Drop exists before entering ocean or after leaving ocean. Containers create quanta, measurable discontinuity, space creates quanta.

Physical realities have spatial location. Energy, charge, mass, space have physical location in universe. Battery in hand wrapped by fingers has these four located. Slide out battery, space between battery molecules relocated in space. Moon↔earth space located with earth and moon. Space is best specified by what physical objects it contains rather than those objects as events. Time contains events. Field of motion, event, is derived by meaning association of a physical to non physical reality, space to time.

No portion of time located in space. No location for past, now, future, or eternity in space. No hour in hour glass. Space, the universe, does not contain time. Time contains, creates, derives space. Space as drop in time is rational.

The involuted is ideal. Only by your rational conscious now is located here. And the time before, you were there. The time to come, you will be where God wills. In reality time segments are located in meaning, not space.

Things are discontinuous corresponded to themselves, they are what they are, and discontinuous to space. They are limited by individuation manifest by space.

Space is continuous corresponded to things. It is discontinuous corresponded to itself, there is not here, and it is discontinuous corresponded to time. It is limited indicated by Planck's constant.

Time is continuous corresponded to space. It is discontinuous corresponded to itself, events measured by events, and discontinuous corresponded to meaning. Evidenced by the Dual Slit Experiment. It is limited indicated by general relativity.

Meaning is continuous corresponded to time. It is discontinuous corresponded to itself and discontinuous corresponded to purpose. Evidenced by a truth, it is limited by purpose expressed by new Revelation.

Purpose is continuous corresponded to meaning. It is discontinuous corresponded to itself and discontinuous corresponded to the Primal Will. Evidenced by the interaction of the Báb and Bahá'u'lláh. It is limited by Primal Will expressed as the Manifestation.

"...existence and non-existence are both relative. If it be said that a certain thing was brought forth from non-existence, the intent is not absolute non-existence; rather, it is meant that the former condition was non-existence in relation to the present one. For absolute non-existence cannot become existence, as it lacks the very capacity to exist. `Abdu'l-Bahá

Existence and non-existence are relative conditions. It logically follows that discontinuity and continuity are relative conditions. The relativity is the vector. The creation moves, evolves, toward the One, continuity as an aspect, attribute of oneness. "We all came from God, and unto Him we shall return."

Space related as no-thing-ness exists and space related as ideal exists, differently. No true straight infinite geometric lines exist in space, but there are in space. There are only curved segments in space, eg horizon. Compare light travel in space to light travel in space.

Separation of space and time allows physics students to choose to see harmony of science and religion, an essential Baha'i teaching. Choose to see the:

Mind teaching us about:

information⇒knowledge; Space⇐Time

Heart teaching about:

knowledge⇒meaning; Time⇐meaning

Spirit teaching:

meaning⇒purpose; ego⇐conscious soul

Soul teaching about:

purpose⇒deeds; Divine Teachings⇐Manifestation

The leap that Divine Teachings creates conscious soul↔the leap that sperm and egg, merely two potentials, created your physical being. Bless your parents that they took the leap, a blessing of meaning.

Reality relations of physical and not, space and time: extrapolate space world to time world to essential meaning world (including science and philosophy) to Divine purpose world (containing revelation). The four concentric spheres as a non-euclidian tetrahedron container of reality, creation. The Greeks are correct.

Complex, imaginary coordinates: time segments as a relation to space as four dimensions in physics. Those relations exist in the realm of meaning as "an intellectual reality" not in space or time. This is needs reflection.

"The worlds of God are in perfect harmony and correspondence one with another. Each world in this limitless universe is, as it were, a mirror reflecting the history (time) and nature (physics) of all the rest. The physical universe is, likewise, in perfect correspondence with the spiritual or divine realm. The world of matter is an outer expression or facsimile of the inner kingdom of spirit. The world of minds corresponds with the world of hearts." `Abdu'l-Bahá, PUP

Worlds of God worlds are reflected in this world.

Háhút

Láhút⇒Jabarút⇒Malakút⇒Násút⇒
Jusaym.

Creator

Purpose⇒Meaning⇒TimE⇒SPace⇒Particle.

The One

Primal Will⇒First Word⇒First

Cause⇒Nothingness⇒

Dust

There is an interesting fondness for the thoughts of the ancients. This early description of purpose is exquisite. "Nothing occurs at random, but everything occurs for a reason and by necessity." ~ Democritus

Separation of sPace and timE allows physics students insight that the mathematical models, like Schrödinger's equation, are analogies of the physical and non-physical worlds interacting; complex numbers are analogy correspondence of space with time to sPace in timE. `Abdu'l-Bahá confirms such correspondence has meaningful reality above.

Time measurement is intellectual. If Earth stopped turning, day⇌night stop, timE does not stop; clock

hands stop moving, timE does not stop; dead cell phone battery, timE does not stop. Battery contains no timE. Everything we use to measure time is not timE. The segments of time are imaginary (mathematical) or intellectual association construct. TimE: not physical but not an illusion. One: not physical not illusion. TimE: contains waves as events. It is continuous, not in segments.

We have intellectual time in segments and an imaginary time in our mathematics. Irony: timE is continuous; sPace is not. Nothing physical is continuous. Physics examines the reflect reverse, segments of time opposed to continuous space.

Somehow, this is imagined to construct a space-time continuum. In Corpus Hermeticum there is no material connection between the physical and non-physical. There can be relations, associations, correspondence. The brain is not the mind, they correspond. There is limit and separation. Planck identified a limit; All editors identify a word limit as well do we.

Such correspondence permitted is foundational to this scientific age and relevant to the harmony of science and religion.

How do you recognize the Manifestation? By science, by experimentation, "trial of words and deeds." Trial of Krishna's words by deeds, of Buddha's words by deeds, Confucius' words by deeds, Christ's words by deeds, Muhammed's words by deeds. Trial of the Báb's words by His deeds. A trial of Bahá'u'lláh's words by His known and recorded deeds. We are not testing God; He tests us. The trial is the recognition that the Manifestation is Who He says He is. We are invited to re-cognize.

Trial of words and deeds: a hundred, or thousands of years after being spoken, the Manifestation words empower humanity to understand themselves, their fellow humans, and their relation to their Creator thereby demonstrate physical repeatable results, good deeds, manifesting the validity of the Word.

Science is a trial of a hypothesis, theory, equation, all essentially words, with experimentation, demonstration, observable pattern manifesting consistency as outcome, results, deeds. This is the reality of rational scientific principles, the reality of rational spiritual principles. That a Manifestation's words are constant, always is consistent, with His deeds then, to be true to itself, science, true knowledge indicates validation. This is called the harmony of science and religion. Science is invited to re-cognition. Religion is invited as well. We comprehend rational soul. We feel heart spirit.

SPace location simply derived by time; "It is still there." TimE location needs meaning. Time better understood with coin analogy in flip side- 12) A Coin for Your Thoughts.

Calculus conveys the greater knowledge Baha'u'llah infused. The intelligible concept of velocity, an event, change of space related to change in time, derives to a location in space, by calculus derivative, is a mathematical analogy. The reality sPace is a derivative of timE as Primal Will, is reflected faithfully, relevantly, and reverently therefore a valid analogy. By extrapolation, timE is a derivative of meaning, that which emanates,

emerges, manifests particular time, now, to consciousness. The now of our lives is manifest by, derived by meaning. Progress of our science manifests from, derived by meaning. The change, time, age of our religion is derived by and from meaning, Primal Will as meaning. Meaning is a derivative of Purpose, Primal Will. To know the purpose of a thing, ideal, or reality requires meaning, message, conveyance, Revelation, Utterance (as in Quran), Book from the Creator, as in the Kitab-i-Iqan.

Deduce function *a posteriori*. Purpose is *a priori* requires knowledge from the Creator. To know the First Cause, the Primal Will is the purpose of knowledge -The Ancients. The goal and source of all knowledge is the same, the Ancient of Days.

“O SON OF BOUNTY! Out of the wastes of nothingness, with the clay of My command I made thee to appear, and have ordained for thy training every atom in existence and the essence of all created things. ”
~Baha'u'llah

Separate sPace and timE, then re-cognize harmony of science and religion, essential Baha'i teaching, the Primal Will teaching about the One. Unity of sPace in timE in Meaning in Divine Purpose. Victory 1582 words.

Elderly H.S. student.
Clyde Arthur Keys

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جُسَيْم • (jusaym) m (**plural** جُسَيْمَات (jusaymāt))

1. (**physics**) particle
2. (**biology**) corpuscle