

#### Stanza 4 Dream Physics

'Things as they are' was D'Alembert's mantle in the day  
The ardent materialist gave it up to  
pre-empt what later would unfurl.

The man who foresaw *strings* studied orchestration:  
intersecting or interrelated elements in 'interaction' as with music  
lead to the replacement of Newton and Laplace's classicism.

In modern non-classical physics absolutes dissolve away  
just like matter in Pascal's vacuum.  
Instead of force and velocity, waves and fields now define the Real.

Emerging from Maxwell and Heisenberg's mathematical interventions,  
invisible networks of *points*, points of emergent possibilities  
saturate the Mind of calculus.

These shifting points originally of Mr Boscovich are  
everywhere yet unseen like quarks  
Unseen, riding waves of light in streaming packets that radiate  
through your eyes and heart to give you precious  
heart-beats so you may take-in the universe.

The Universe Splendid radiates points directly into  
your soul to awaken your mind to perspicacity.  
Perspicacity to see the invisible defining all matter and definitive  
mathematical forms and infinities simultaneously.

Infinities which the French Cartesian enjoyed  
with a *pâtisserie* each morning.  
Infinities which the German-Parisan Leibniz enjoyed in calculus,  
making infinitesimal smoothness a path to infinities.

Not merely a concept Infinity becomes an object of measurement  
which would lead to sets and finite sets (Cantor) following  
Leibniz's otherworldly Monodology.

Thanks to an infinity beyond visible matter one then asks  
'Yes but how' and 'Why is this possible?'  
seeing it goes on endlessly and even precedes spacetime.

Operative presence on the surface appears for  
3 dimensional beings to be sheer Void.  
So vast a Void that it must precede even Time.

'Periodic patterns' of geometric relations show  
crystals and quasi-crystals to transcend the vacuum (Void).  
Producing forms that scatter throughout spacetime.

Forms generated by infinite tetrahedra states and combinations  
that allow many-dimensional Source to translate back  
into 4 and 3 dimensional space-time.  
And held up fundamentally by Planck space and Planck time<sup>1</sup>.

Geometers and their Lie Groups understand this  
all-important *translation* and take Void's illusory emptiness  
away by conscious Mind.

Measure, observation, thought and Beauty now reveal an  
Operative Presence at work attendant by the 'axiom of choice'.

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<sup>1</sup> Thanks to Werner Heisenberg's matrices formulation of quantum phenomena.

Choice, information<sup>2</sup>, mind, extant Beauty and Elegance revealed in geometric crystals and time-variance indicate a consciousness. More than panpsychic consciousness, a saturate consciousness present throughout the universe and definitive of what mortals understand as an Operative Presence.

Operative through choice (awareness) *and* structure (patterning) to give presence an Elegant, light-saturated instantiation.

Operative Presence has these two fundamental operative dimensions:  
its intelligence defines the arrangement of inert matter;  
beings with souls comprise mathematical patterning and  
evolving awareness through the ineluctable 'axiom of choice'.<sup>3</sup>

Mathematics displays not only transcendental intelligence but also the beautiful Elegance of patterning that soul recognizes as itself writ large.

Soul and cosmos each have purposive arrangement by

- Number • Ratio • Harmonics
- Symmetry • Dimensionality • Preference/Choice

Where structure and choice co-mingle in an upward continuum up to Infinity and back again into finite continuity.

Infinite choices attend every moment of the structure's refolding, crystal-patterning that is both 'periodic' and spinorial<sup>4</sup> in nature.

For the pattern(ing) of nature encompasses human *nature* and its unique experience of the structure which envelops it.

This experience we know as world-lines of the Now.

A Now that is structured *relationally*. How?

Each tetrahedron state sits in *relation* to other tetrahedra states *and* to preferences made in that world i.e 'decoherence' composed of tetrahedra complexes.

So light and sound are carried along throughout the universe by these infinite, infinitesimal complexes and Ratio-harmonies.

Φῶς (Light) and φωνή (Sound) are archetypal architectonics that weave together 'beings' with existents – by way of an infinite coupling of tetrahedra complexes which result in infinite entanglement.

Both powers precede Urizen and authorize the measurer to have use of rulers and protractors to quantize the Elegant *kosmos* which mystics determine to be creation.

Every humble human who finds Number to be magical or responsible for cosmic Elegance, deems God to be the mathematician *par excellence*.

Neither laws nor evolution define ultimate existence for they simply follow Urizen's measurement, thereby entangling consciousness with frequency dimensions<sup>5</sup>.

The measurer's awareness (consciousness) attends every elliptical and hyperbolic turn so experience attends every moment of the Continuum which Urizen *decides*<sup>6</sup> to measure as spacetime.

Something however is missing from Blake and algebra's vision of the Real. The Continuum is also replete with two other celestial ingredients which Socrates and Cusanus did grasp.

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<sup>2</sup> Minimally about combinations of states of tetrahedra as well as quantum collapse and unsmooth quantum fluctuations.

<sup>3</sup> Formulated by Ernest Zermelo and pivotal to set theory today.

<sup>4</sup> Referring to geometric spinors which make up principle and fibre bundles.

<sup>5</sup> Frequency dimensions and universal constants which gauge field theories give an account of.

<sup>6</sup> Consistent with the axiom of choice (Set Theory).

There is transcendent Number and Ratio.

Secondly, there is also awareness-Intelligence immanent to the All.

Empirically – hence transcendently also – life recurs and extends according to Infinity due to the Quest and Personae of such a *Nous* (intelligence).

To speak of ‘world-lines’ of a moving object (spacetime) and ‘sum over histories’<sup>7</sup> (quantum theory) requires no truncation of the *knowing* observer who also exhibits Quest and Personae.

Being neither lofty nor a gossamer of the cosmic structure, Quest defines what an agent of love is defined by rather than the electrons’ emission of a photon during its ‘self-energy’ process.

*Quest* to arrive at, to accomplish, to be, to create self-images, to invent, to find Beauty, to dream, to quest after the unknown, to complete, to find joy and to quest for unification of disparate dimensions of existence.

*Personae* is neither mere complexity nor ‘emergence’ since *relata* underlie all substrata – even the ‘God’ of Galileo, Leibniz and Lemaitre had a certain *personage*, a non-thing-like quality<sup>8</sup>

Personhood signifying a *personae* of some kind in the world where relation between parts is subdued by fundamental relations between Quest-seeking unities of conscious-awareness that are monadic or Singular.

Singularities in possession not only of combinatorial matrices of dimensionality<sup>9</sup> (objecthood *relata*) moving in-between forces and cosmic constants.

Rather singularities of *subjectum*<sup>10</sup> where identity or Kripke’s ‘essence’ maintains identity-forms across time and space so that personage may be bound up with the Infinite.

Singular eternal-temporals weave through the cosmological matrix of vibrational orchestrations upon which a personae receives its celestial-Continuum imprint – an imprint it likes to ‘forget’ in order to ride the staircase-Continuum anew and found a *relation* to Infinity, each and every time.

Such forgetting and remembering is the quintessence of her identity, her personae. ‘Person-ality’ is no substance or historical fact; for she unravels herself to make herself anew while understanding Time to be an illusion.

Time and space (only) emerge; therefore Truth lies before it.

As we forget this we re-member it *to* return to the Whole  
...which is but One.

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<sup>7</sup> Quantum concept of the grand field theorist Richard Feynman at CalTech.

<sup>8</sup> Quantum mechanics inherited its weakness to account for quality/worth from Laplace, Maxwell and Planck.

<sup>9</sup> Apropos differential geometry and gauge-theoretic field theory.

<sup>10</sup> Not implicative of a ‘self’ which is a late supplément from the 14th century of Europe.