Proto-physics the link between Quantum Physics and Metaphysics

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Abstract

Physics and information science have a lot to say about connecting quantum physics to metaphysics. This quantum related science is best described as proto-physics, since the very high dimensional features connect these two subjects and are the source vibrations under everything and no-thing. 'Quantum Mind', 'It from Bit‘ and 'thoughts are quantum things‘ will be some of the subjects discussed.
Brain/Mind/Spirit Model Continuum

Classical Brain
Mind is brain state

Dualistic Brain/Mind
Mind requires Brain

Brain is Transceiver
Quantum/Spirit Mind

Classical

Quantum

Spiritual

Brain is Computer

Neurons are Coherent

Brain is Transceiver

Self as Eternal Spirit

3d Space/ 1d Time
Matter/Energy
Locality & Conservation
Neuron Connectivity & Parallelism

Quantum State Spaces
Change without Time
Information & Probabilities
Law of Attraction & Supermind

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Physical & Protophysical Models

• Classical Physics Properties
  – Matter/Energy, Mass, Space/Time

• Black hole physics ties Relativity & Quantum
  – It from Bit, Sciences of very big and very small

• Quantum Physics Properties
  – State Spaces, Exponential Speedup

• Metaphysics and Chi Research
  – Non-local space/time awareness and healing states

• Spiritual and Manifestation
  – Law of Attraction and divine states

Everything is quantized when very small, even space & time
Information is Physical

Black Hole event horizon (inside is a singularity without space and time)

Quantum Bits are consistent with Black Hole Mechanics

Bits as entropy (Planck's areas on surface)

Wheeler’s “It from Bit”

M → E → Bits
Classical Physics Properties

States of Matter
• Solid, liquid, gas, plasma, atomic, **quarks**

Forms of Energy
• Temperature, heat, complexity, **thermodynamics**
• Chemical & nuclear bonds, **phonons, photons**
• Potential energy, gravity, **zero point energy**

Space and Time
• Classical space-time, computational space-time
• Relativistic space-time, **black hole singularity**
• **Quantum space-time (Shor’s Algorithm)**

Physical Limits
• Density, heat, speed, frequency, noise, complexity, representation

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*Reductionist down to quantum properties*
Relativistic Space-Time

- Lorentz Factor \( \gamma = \frac{1}{\sqrt{1 - v^2/c^2}} \)
- Time Dilation \( \Delta t' = \gamma \Delta t = \frac{\Delta t}{\sqrt{1 - v^2/c^2}} \)
- Length Contraction \( L = \frac{L_0}{\gamma} = L_0 \sqrt{1 - v^2/c^2} \)
- Relativistic Mass \( m = \gamma m_0 = \frac{m_0}{\sqrt{1 - v^2/c^2}} \)

Near the speed of light: distances are longer, clocks run slower and masses are heavier than the rest mass.
# Classical vs. Quantum Bits

<table>
<thead>
<tr>
<th>Topic</th>
<th>Classical</th>
<th>Quantum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bits</td>
<td>Binary values 0/1</td>
<td>Qubits $c_0</td>
</tr>
<tr>
<td>States</td>
<td>Mutually exclusive</td>
<td>Linearly independ.</td>
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<tr>
<td>Operators</td>
<td>Nand/Nor gates</td>
<td>Matrix Multiply</td>
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<tr>
<td>Reversibility</td>
<td>Toffoli/Fredkin gate</td>
<td>Qubits are unitary</td>
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<tr>
<td>Measurement</td>
<td>Deterministic</td>
<td>Probabilistic</td>
</tr>
<tr>
<td>Superposition</td>
<td>Code division mlpx</td>
<td>Mixtures of $</td>
</tr>
<tr>
<td>Entanglement</td>
<td>none</td>
<td>Ebits $\Phi^\pm =</td>
</tr>
</tbody>
</table>
Quantum Bits – Qubits

Classical bit states: **Mutual Exclusive**

Quantum bit states: **Orthogonal**

Classical states co-exclude others

Qubits states are probabilistic

Classical bit states:
- State0
- State1

Quantum bit states:
- State0 = |0⟩
- State1 = |1⟩

Classical states:
- 180°
- 90°

Spin ½
Quantum Space-Time

• Qubit (Quantum Bit)
  – Superposition (q*2 states)
  – Unitary ops & measurement

• Qureg for ≥2 Qubits
  – Tensor Product $\otimes (2^q$ states)
  – for q=200 then $1.6 \times 10^{60}$ states

• Ebit for ≥2 Qubits acting as 1
  – Entanglement
  – Separated but states act as one
  – Non-local correlated states (EPR/Bell/Magic)
Quantum Computing Speedup

- Peter Shor’s Algorithm in 1994
- Quantum Fourier Transform for factoring primes
- New quantum polynomial time complexity class

- Spatially bound exceeds universe life
- Temporally bound exceeds black hole
- Quantum polynomial time can solve it.

Solutions to some problems don’t fit in the classical universe!!
High Dimensional Topologies

Start animation
Quantum Mind Model

Thoughts are dimensional strands of source

- State space is outside of 4D spacetime
- Very high dimensional state space
- Randomness is key resource
- Quantum style orthogonal states
- Probabilistic state combination
- CDMA style computational framework
- Dimensional increase due to superposition/entanglement
- Semantic relations exist & can be constructed
- Brain/mind mapping using phase invariance (patent)
Thoughts are Quantum Things

- Thoughts are ‘Things’
- Information is Physical
- Wheeler’s ‘It From Bit’
- Thoughts affect probabilities
- Thoughts have an effective mass/energy
- Source that creates worlds
Inclusion Based Universe

- Each dimension is own meaning (vibration)
- Each Dimension represents both $X$ and Not $X$
- Not $X \neq Y$
- Quantum state space

This is quantum State Space used by Light
Law of Attraction as Physics?

• Attraction Information Properties
  ➢ Likeness = Nearness
  ➢ Address is Meaning
  ➢ Attraction is like gravity wells
  ➢ Attraction is monopole ➔
  ➢ Polarity is Energy Centric

• Dimensional Inclusion
  ➢ Dimensions are bits & complexity
  ➢ Inclusion of semantics/meaning
  ➢ Semantic network topologies
Math of Thought Dimensions

“Standard” Distance = $\sqrt{\frac{N}{6}}$

Standard Deviation = $\sqrt{\frac{7}{120}}$

For $N=96$, Standard distance = 4

For $N=2400$, Standard distance = 20

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‘Like’ thoughts are semantically ‘near’ each other in localized clusters of ‘like’ thoughts.
Beings of Light Protophysics

Space oriented behaviors
- Vibration without classical metrics
- Ubiquitous
- Connectedness
- Unity and oneness
- Collective Beings
- Out of Body and Ascension

Time oriented behaviors
- Eternal and timelessness (before time itself)
- Total experience without sequences/language
- Experience different time rates – proto-time
- Change/evolution without time

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Quantum Mind Paradoxical Metrics

Wavelength determines Size of ‘Now’ Bubble

Higher Frequency and more sequential

noise

energy

Longer wavelength leads to more unity
Humans Affecting the Physical World

Physical affects research
- Global Consciousness Project (on 9/11)
- Copper Wall
- Mind affecting electronics
- Spoon Bending
- REG, RNG & PK experiments
- Teleporting
- Orbs affect cameras
- Manifestation
- ...

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Human Being Energy Behaviors

Subtle Energy/Chi oriented behaviors

• Anchoring, squashes, phobia cures & reframing
• Grounding, balancing & clearing (QCS)
• Breathing and breath works
• Reiki and healing sciences
• Remote healing
• Subtle energy generators
• Auras, chakras, meridians, homeopathy,

• ...
Beings of Light Energy-Info

Information/meaning oriented behaviors
- Everything is Awareness, Consciousness & Intelligence
- All knowing and direct knowing/remembering
- Direct experience without language
- Universal Meaning without language
- Thought without brain and no-thought
- Akashic Records and Master Teachers
- Touch the Divine & exceptional experiences

Energy
- All Powerful
- Emotion is thought amplifier (love, joy, peace, divinity)
- Thought/emotions can affect the brain/world
- Kundalini awakening, transcendence
Quantum Dimensions (QDs) are root to every ‘thing’:  
• QDs are proto-physical basis of classical space-time  
• Classical world derived from QDs information properties  
• Empty Space & Black holes derived from QDs  
• QDs are information/intelligence and meaning  
• Light derived from QDs  
• Beings of Light are collections of ‘intelligent’ QDs  
• Models of God have evolved with science advances