

The London College of Spirituality Presents:

PHYSICS, METAPHYSICS,
AND THE NATURE OF
CONSCIOUSNESS

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MY BIG TOE

AWAKENING ✦ DISCOVERY
INNER WORKINGS

The Complete My Big TOE Trilogy
Unifying Philosophy, Physics, and Metaphysics

www.my-big-toe.com

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My Big TOE (MBT) Trilogy
London Lectures

Presented At London College of
Spirituality (LCS) and London
College Of Economics – Feb
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This Presentation is
Available at No Cost:

- ▣ Video Available
- ▣ Audio Available
- ▣ Slides Available
 - MBT Website
 - YouTube, Others
 - LCS

TOE: Theory Of Everything: One Overarching Understanding

BIG TOE PHYSICS

Little TOE Physics "Real"	Philosophy & Metaphysics "Not Real"
<ul style="list-style-type: none">• Normal• Physical• Objective• Matter (PMR)	<ul style="list-style-type: none">▣ Paranormal▣ Non-physical (NPMR)▣ Subjective▣ Mind▣ Epistemology▣ Ontology▣ Cosmology▣ Theology, Spirituality

Logical Sets and Systems

Assume There Is a Larger Reality

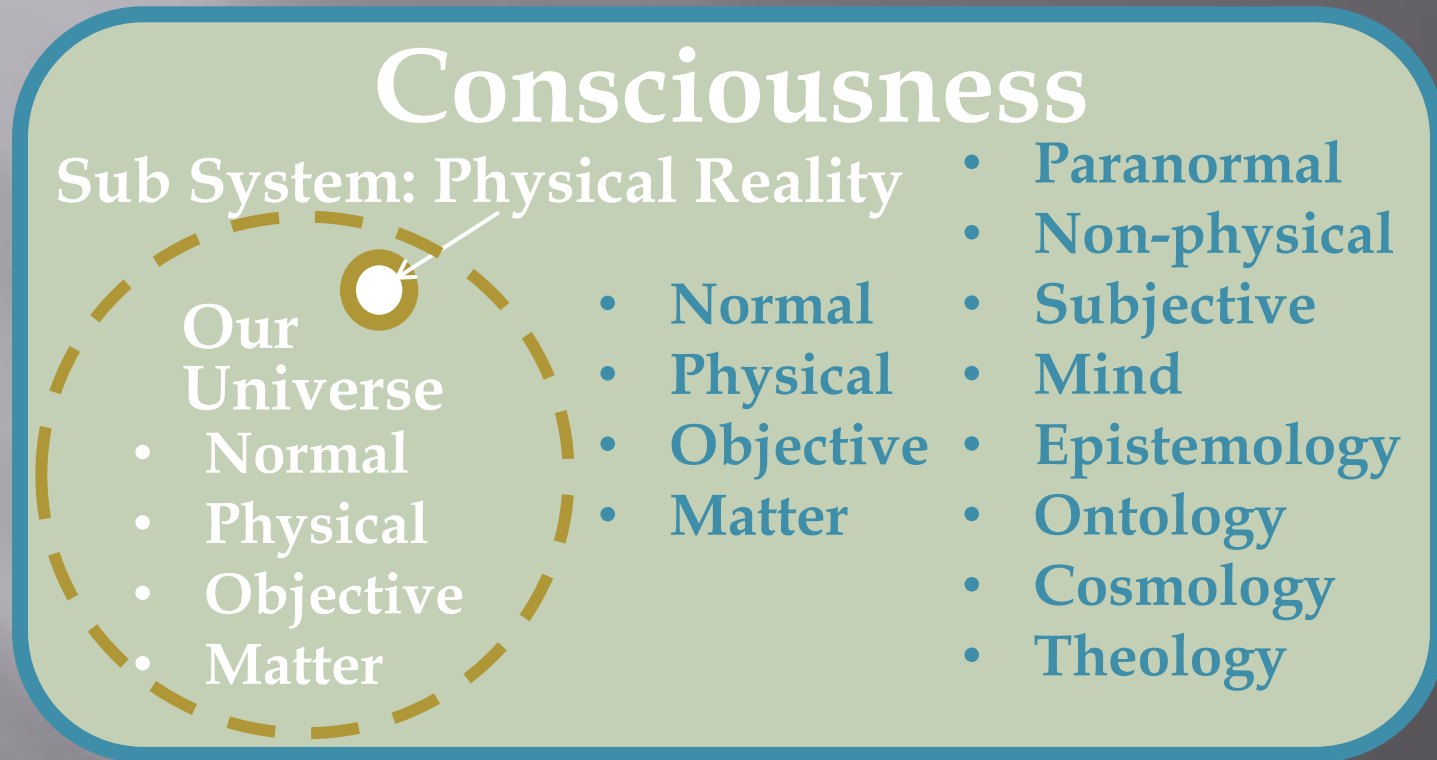
System: The Larger Reality

- Sub System: Physical Reality
- Paranormal
 - Non-physical
 - Subjective
 - Mind
 - Epistemology
 - Ontology
 - Cosmology
 - Theology
- Our Universe
- Normal
 - Physical
 - Objective
 - Matter
- Normal
 - Physical
 - Objective
 - Matter
-

One Cannot Define The System In Terms Of The Sub System. To define the system one must experience it

My Big TOE – Bottom Line

Scientific and Logical -- No belief required – minimum basic assumptions



MBT Explains the physical

- MBT's Physical reality model better explains the objective data
- Quantum Mechanics
- Entanglement
- Wave / Particle

MBT Explains the non-physical

- Origins, Existence, purpose, and mechanics
- Paranormal, mind, consciousness
- Metaphysics, philosophy
- Theology

Physics – The Nature of Reality

- ▣ Quantum mechanics -- particles as probability distributions
 - Wave/particle duality
 - The “measurement problem”
 - Entangled pairs
- ▣ Quantum Mechanics Interpretations
 - Bohr, Heisenberg --- Copenhagen interpretation : rejects questions like "where was the particle before I measured its position" as meaningless. The measurement process randomly picks out exactly one of the many possibilities allowed for by the state's wave function.
 - Consciousness causes collapse
 - Consistent histories
 - Many worlds (David Deutsch - Oxford)
 - Many minds

Interpretations of Quantum Mechanics – By the Baker’s Dozen

Interpretation	<u>Deterministic?</u>	<u>Waveform Real?</u>	<u>Unique History?</u>	<u>Hidden Variables?</u>	<u>Collapsing Wavefunctions?</u>	<u>Observer role?</u>	
<u>Copenhagen interpretation</u> (Waveform not real)	No	No	Yes	No	NA	NA	1
<u>Ensemble interpretation</u> (Waveform not real)	No	No	Yes	Agnostic	No	None	2
<u>Copenhagen interpretation</u> (Waveform real) <u>Objective collapse theories</u>	No	Yes	Yes	No	Yes	None	3
<u>Consistent histories</u> (Decoherent approach)	Agnostic ¹	Agnostic ¹	No	No	No	Interpretational ²	4
<u>Quantum logic</u>	Agnostic	Agnostic	Yes ³	No	No	Interpretational ²	5
<u>Many-worlds interpretation</u> (Decoherent approach)	Yes	Yes	No	No	No	None	6
Stochastic mechanics	No	No	Yes	No	No	None	7
<u>Many-minds interpretation</u>	Yes	Yes	No	No	No	Interpretational ⁴	8
<u>Bohm-de Broglie interpretation</u> ("Pilot-wave" approach)	Yes	Yes ⁵	Yes ⁶	Yes	No	None	9
<u>Transactional interpretation</u>	No	Yes	Yes	No	Yes ⁷	None	10
<u>Consciousness causes collapse</u>	No	Yes	Yes	No	Yes	Causal	11
<u>Relational Quantum Mechanics</u>	No	Yes	Agnostic ⁸	No	Yes ⁹	None	12
<u>Incomplete measurements</u>	No	No ¹⁰	Yes	No	Yes ¹⁰	Interpretational ²	13

Other Big Scientific Pictures

- ▣ Edward Fredkin – Digital Physics -- 1992
 - the entire history of our universe is computable
 - Reality is:
 - ▣ A computer itself.
 - ▣ Implemented on a computer (a simulation)
 - ▣ Essentially digital.
 - ▣ Essentially informational
 - The computation must be in “other” outside of physical reality
- ▣ Nick Bostrom – Ph.D. from LSE - Now at Oxford
 - *Are You Living In A Computer Simulation?* One must be true:
 - ▣ It's impossible
 - ▣ If not impossible, then unlikely
 - ▣ If not unlikely, then Almost all entities with our general set of experiences are most likely living in a simulation
- ▣ Brian Whitworth – **The Physical World as a Virtual Reality**
 - the universe is a virtual reality created by information processing, and furthermore this concept is supported by findings of modern physics about the physical world.
- ▣ Jim Elvidge – *The Universe Solved*

The Big Guns – Albert, My Hero

- **“If we think of the field as being removed, there is no ‘space’ which remains, since space does not have an independent existence.”** – *Albert Einstein*
- **“Reality is merely an illusion, albeit a very persistent one.”** – *Albert Einstein*
“Hence it is clear that the space of physics is not, in the last analysis, anything given in nature or independent of human thought. It is a function of our conceptual scheme [mind]. Space as conceived by Newton proved to be an illusion, although for practical purposes a very fruitful illusion – *Albert Einstein*
- **“To meet the challenge before us our notions of cosmology and of the general nature of reality must have room in them to permit a consistent account of consciousness. Vice versa, our notions of consciousness must have room in them to understand what it means for its content to be ‘reality as a whole.’ The two sets of notions together should then be such as to allow for an understanding as to how consciousness and reality are related.”** – *David Bohm from the introduction to Wholeness and the Implicate Order*
- **“One has to find a possibility to avoid the continuum (together with space and time) altogether. But I have not the slightest idea what kind of elementary concepts could be used in such a theory.”** – *Letter from Albert Einstein to David Bohm October 28, 1954*
- **“It will remain remarkable, in what ever way our future concepts may develop, that the very study of the external world led to the scientific conclusion that the content of the consciousness is the ultimate universal reality.”** -- Eugene P. Wigner a Nobel Prize winner and one of the leading physicists of the twentieth century

So, If You've Really Figured It All Out Why Haven't We Seen Your Name In Lights?

- Its all very new – you are getting the news almost before it happens
 - Reality concepts are slow growers – require major paradigm shifts
 - Other Ideas we have discussed that are just now gaining currency **have been around for at least 20 years**, most for much longer
- I am not an Academic Physicist -- I work in the “real world” and thus have little to say about physics theory
 - Outsiders get little credibility from insiders.
- I appear to have done the “impossible”
 - Mixing **traditional science** with philosophy and mentioning the words “subjective” “metaphysics” and “paranormal” puts me outside the box of rational consideration for many scientific believers -- **Darwin, Einstein**
 - Changing paradigms is just too difficult for those committed to, and vested in, the old paradigms.
- The message is too important to bury it in an academic argument for the next 20 years while trying to gain academic favor
 - The scientists will come along by and by because the work can stand on its own feet. The truth is not fragile.

How did a nice physicist like me end up...

- ▣ Just out of Graduate School
- ▣ Connections to Bob Monroe
 - Setting up the lab
 - Learning about Altered States
 - Mastering OOB
 - Doing experiments
 - Joint travel, communications, remote viewing, healing, death and dying
 - Teaching others
- ▣ Moving On
 - learning accelerates, research never ends
 - Continuously developing the model and maintaining scientific integrity
- ▣ 30 years later -- the publication of My Big TOE
 - An inside job
 - First hand experience

Reality: A system of Consciousness

- ▣ Consciousness is the Media of reality
- ▣ Information is the content of reality
- ▣ Entropy is the Evolutionary motivator
- ▣ Fundamental reality is modeled as system of digital consciousness
- ▣ **Attributes of consciousness:**
 - Experience (data input -- communication)
 - Memory (data storage)
 - Processing (data processing operates on the information)
 - Self modifying feedback mechanism so the results of processing can modify the experience (self-modification, learning, or growth) through intent (free will). i.e., Energy/data exchange modifies data input -- evolution
 - ▣ Modified consciousness may now exist in new state of being

Above attributes: All about information

At the Root: Information

- Information is nonphysical
 - meaning, content, significance as opposed to media and code-symbols
 - information requires a lower entropy organization of code-symbols
- At the most fundamental level: Consciousness is information
- Information is nonphysical, thus consciousness is nonphysical
- At the most fundamental level: Information is bits
- At the most fundamental level: bits are digital and binary – 1 or 0, off or on, yes or no, dot or dash
- Logical consequence: A Consciousness system is best modeled, at the most fundamental level, by a digital information system
- Consciousness evolves by lowering its entropy – i.e., by improving the value (useful information content) of its bits

Bottom Line:

- ▣ The larger consciousness system evolves by lowering the entropy of the system.
- ▣ It lowers the entropy of the system by organizing the bits at its disposal into a more profitable configuration.
- ▣ New bits and organizational opportunities are generated by using conscious intent to apply free will choice to incoming experience data
- ▣ Feedback of the results of previous choice allow us to modify future choice (free will)

Metaphysics: Generating Experience Individual Existence And Purpose

- ▣ Because experience is the generator of input, consciousness facilitates its own evolution by creating many smaller units of consciousness and setting them loose to evolve (lower their entropy) by interacting with free will.
 - Purpose and the positive direction of that purpose (evolution) is thus defined
 - ▣ Positive vs. negative, good vs. bad, evolution/devolution are defined – morality, spiritual growth, love are all defined as measurable quantities in terms of entropy

Physical Reality

- ▣ Experience requires interaction. To make that interaction more effective a simpler constrained environment is needed – our local physical reality is an elementary school – a virtual reality learning lab for individuated units of budding consciousness.
- ▣ Physical reality is a digitally based virtual reality where interactions are constrained according to a given rule-set
- ▣ Next Level of relativity: there is no absolute or fundamental reality frame within the system.

Origins

- ▣ Where did this reality/initial consciousness come from? (infinite regression – bacterium example – biology parallel)
- ▣ To describe a super-system, a subsystem logically needs at least one assumption that falls beyond (outside of) its own causality – that is assumption 1.
 - Assumption 1: A potential energy form (call it “primordial consciousness”) exists – a media capable of self-modification **[the potential of consciousness exists]**
 - Assumption 2: In systems with complex potential outcomes, evolution directs and encourages change toward more profitable states of being. **[Evolution exists]**
- These are the only two assumptions made in MBT

Summary – Results 1

- ▣ The larger consciousness system is an aware evolving system. It is real and therefore finite.
- ▣ A Consciousness evolves by lowering its entropy
- ▣ The larger consciousness system increases its rate of evolution by subdividing portions of itself into smaller units that interact with each other
- ▣ We are an individuated unit of consciousness, a chip off the Old Block (larger system)-- one with all that is
- ▣ Everything is an expression of consciousness – all are connected
- ▣ Physical reality is a virtual reality learning lab designed to help budding individuated units of consciousness (called an entity) evolve (lower their entropy) through experience

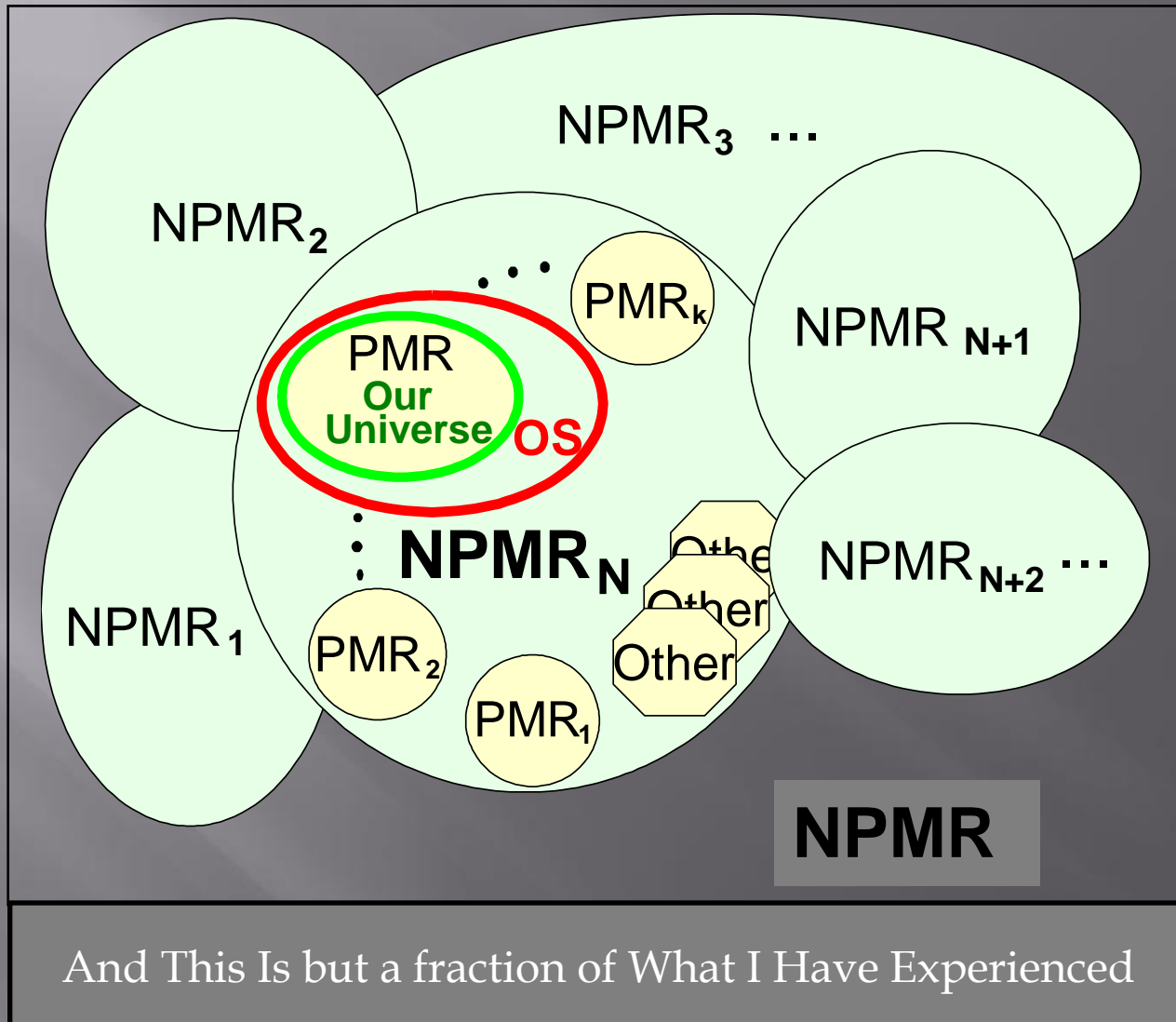
Results 2

- ▣ Lowering entropy by improving the organization (profitability) of accumulated experience increases the energy/power/information available to the evolving entity.
- ▣ Lowering entropy, spiritual growth, increasing the quality of consciousness, evolving one's consciousness, and growing up are all different expressions for the same thing.
- ▣ Love is defined as the fundamental expression of low entropy consciousness.

Results 3

- ▣ The larger reality is teeming with Life
 - Evolution fills every niche – what can exist generally does exist
 - Many different reality frames or dimensions containing sentient (conscious) entities exist and are interacting according to their own rule sets.
(I know because I have been there and seen how it works. It is logical and the results fit the data.)
 - All entities in our larger reality system have the purpose of lowering their entropy by growing up, by becoming more spiritual, by becoming love – i.e., by eliminating fear and ego.

Reality Systems: The Big Picture

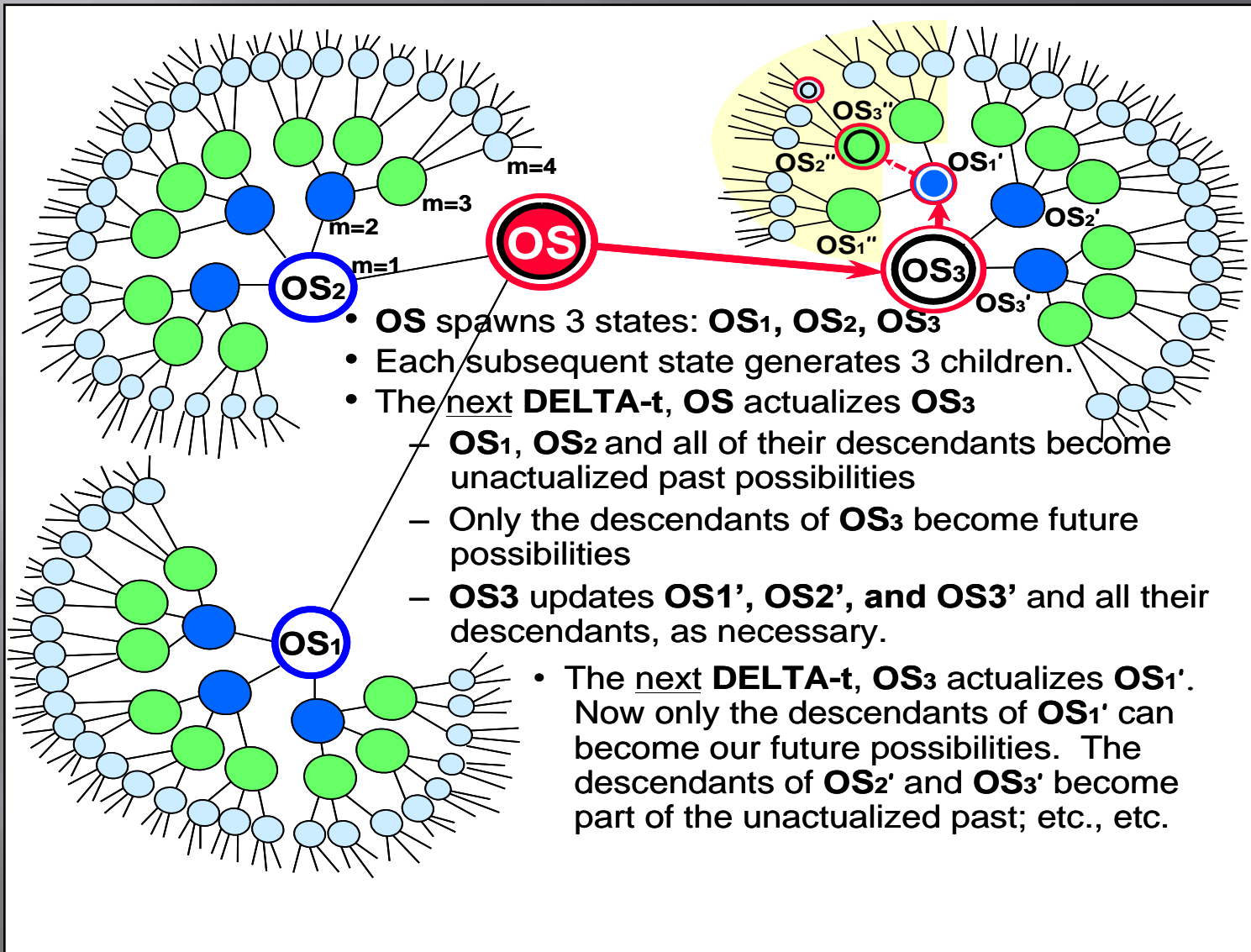


Logical Implications

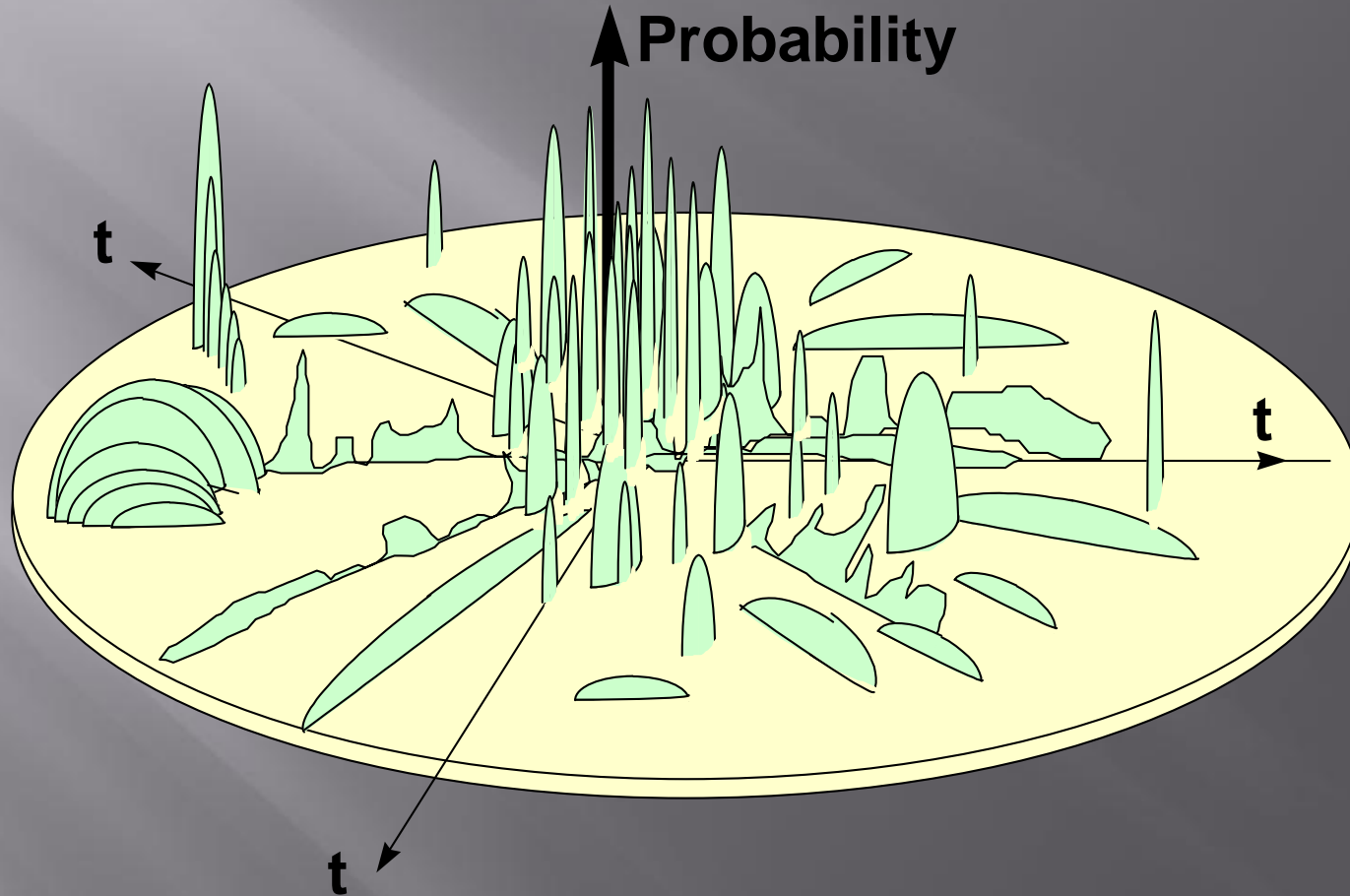
Reality Frames Past and Future

- ▣ What about time and space? Can we visit the past or the future and interact with it?
 - Yes to both, but not as you suspect.
 - The probable future turns into the present as free will choices are made then exits as the actualized past (our local history thread).
 - Every thing that can happen does happen
 - The present moment (free will choice) is where all the action is. It is the creator of history
 - ▣ Actualized Past -- probability model
 - ▣ Non-actualized past -- probability model
 - ▣ Probable future -- probability model
- ▣ What is the real difference between physical and nonphysical reality frames? How does one relate to the other?
 - Fundamentally none! It is a matter of perspective.

Generating the Possible States of OS



Future Probability Surface



Logical Implications Interdisciplinary Connections

- ▣ What are the connections between physics, metaphysics, philosophy, and religion?
 - They are all partial views of the same reality from different perspectives and from different beliefs – different assumptions.
 - With a big picture perspective they all are easily understandable as individual shadows of one whole thing. One can see where and how each got stuck because of their limiting beliefs

Logical Implications Paranormal Phenomena

- ▣ what is the cause of psi (paranormal) phenomena
 - what is going on here and why is it so difficult to study? why is it so difficult to prove?
 - Psi phenomena are glimpses of the larger reality at work but don't make sense from the limited understanding and perspectives required by our beliefs.
 - They are difficult to study because we force little picture constraints on big picture phenomena.
 - We demand a physical explanation of nonphysical phenomena.
 - The “psi uncertainty principle” limits “knowing” so as not to destroy the usefulness of our learning lab.

Logical Implications Spirituality and Psi Phenomena

- ▣ Psi Phenomena such as remote viewing, healing, OOB, Exploring NPMR, communicating with nonphysical beings, and telepathy are all natural attributes of (are accessible to) a low entropy consciousness
- ▣ One develops a low entropy consciousness by eliminating belief, fear and ego and by expanding one's awareness into the Bigger Picture of existence. That is, by developing one's self spiritually.

Logical Implications

The PSI Uncertainty Principle

- ❑ psi uncertainty principle is part of the PMR rule-set. It represents the entanglement (interaction) of uncertainty with the measurement of psi effects
- ❑ you cannot force your virtual physical reality to exceed the limits and function of its defining rule-set to within some proscribed level of uncertainty in the system.
- ❑ psi effects must be largely constrained in PMR or the effectiveness of the learning lab would quickly degenerate. The psi uncertainty principle is the mechanism for maintaining the usefulness and functional integrity of our virtual reality.
- ❑ For example: Rarely is a-causal or paranormal information obtained from NPMR and then directly applied to develop or invent physical devices (giant leap) because the psi uncertainty principle would generally forbid that sort of overt information transfer. Otherwise evolutionary integrity would suffer.

Logical Implications Teleportation

- ▣ What about teleportation? Is it possible between reality frames? Within this physical reality frame?
 - It is easy to teleport the awareness about the larger consciousness system
 - It is easy to generate a body in another (nonphysical) reality frame
 - A PMR to same PMR transfer has psi uncertainty as an issue as well as PMR rule-set mass requirements.

Logical Implications UFOs

- ▣ Is there a possible connection here with UFO experiences?
 - Perhaps. Some UFO experiences may well be more of an experience of consciousness perceiving beings from other reality frames than an experience that others could verify as physical.
 - ▣ Simultaneously parallel processing multiple reality frames.
 - ▣ Such an experience cannot be easily differentiated from a physical experience. Perhaps something like dreaming you are awake or dreaming while awake.

Question

Flaws in the Big TOE

- ▣ Is there anything your “Theory of Everything” (Big TOE) does not cover, does not explain?
- ▣ No – neither I nor others have yet found any fundamentals of reality that are not clearly explained.
 - The fundamentals of metaphysics, theology, philosophy, paranormal are all adequately derived and understood
 - The fundamental reality underlying science/physics is also clearly derived. Quantum mechanics is given a solid theoretical basis – paradoxes resolved

Question

What Can Aware Consciousness Do?

- ▣ What can you do in this physical reality by operating in the nonphysical? Are there limits?
 - **What can't it do?** Consciousness is the media of reality and you are consciousness. All of reality is open to your exploration. From the much smaller perspective of the physical one can travel (teleport ones awareness), assess future probabilities and play “what if in Past possibilities, heal, communicate telepathically with those embodied or not embodied...
 - But best of all what one can do is grow up. To learn to let go of fear and ego to become a being of love – i.e., spiritual growth. In scientific terms that means improve the quality of your consciousness by decreasing its entropy through consciousness evolution

Question

Can Everybody Do It?

- ▣ Can anybody learn to experience and become operational in nonphysical reality?
 - Yes, theoretically, anybody. But that is like saying anyone can learn to play the piano well, be a good soccer player, operate a computer or program in C++.
 - ▣ Anybody can, but not many do
 - It is not only your right as consciousness, but your duty as well.
 - Such abilities are a natural expression of a higher quality consciousness

Question: How?

- ▣ How does one go about learning to experience and become operational in nonphysical reality? Are there any exercises you recommend to help develop this awareness?
 - Start with meditation – Ch 23 in Book 1
 - Explore. Experiment. Practice. Have patience and stick-to-itiveness. **Collect evidential data** to confirm what you are doing has real results. Explore...
 - No magic pill or magic process – You earn your way by growing up, by pulling yourself up by your bootstraps.
 - **No shortcuts** other than steady effort and diligence

Approach to Meditation

- ▣ Attitude: While in a meditative (quiet and relaxed) state.
- ▣ Fear nothing and hope for nothing
- ▣ Send your intellect away – just do the exercise dispassionately – no thinking and no analysis allowed.
- ▣ Expect nothing – have no pre conceived notions about what will or will not happen.
- ▣ Don't compare experimental events – let each one be unique
- ▣ Don't judge quality or value of experimental events – just let them be as they are – record everything as an impartial disinterested data taker
- ▣ Accept whatever happens as the objective results of an experiment
- ▣ Make every effort to collect evidential corroboration whenever possible. Set up your experimental situations so that evidence will be generally available.

What Now?

Break Through or Delusion?

- ▣ Does this guy know what he is talking about?
- ▣ Or Does he just think he knows?
- ▣ Are his experiences real?
- ▣ Or does he just think they are real?
- ▣ Unless you have extensive experience with the larger consciousness system, you must have this question
- ▣ There is strong consistency among those of us who do have that experience
- ▣ What to do about it
 - Taste the pudding
 - Does his description of the Physical match the real world?
 - Does his description of the subjective world match your own experience
 - This is really about YOUR big TOE
 - FIND OUT!

Where To Go For More Information -- Books

▣ www.myBigTOE.com

- Discussion Group
- About the Author – email – Charts Available

▣ Books

- MBT Web Site
- Amazon
- Barnes & Noble Online
- Bookstore special order (Baker & Taylor)

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