The Communication of Presence and Intention as Co-Occupants of an N-Dimensional Quantum Universe

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Quantum Astrobiology – Probing the Frontier of Conscious Engagement with Lifeforms and Intelligent Entities in an N-Dimensional Quantum Universe

Previous Contact Themes presented:

- The In-Silico Biology Paradigm – Gateway to Virtual Exobiology
- The Integration of Consciousness Domains in the Emergent Operational Ecology of Human and Synthetic Entities - the Next Evolutionary Increment
- Development of Linguistic Systems and Communication Protocols with Species of Artificial Lifeforms and Synthetic Sentients as a requirement for interaction with alien species
- Process Modalities of Applied Computational Resource Which Mimic the Physiologies of Living Systems as a mechanism for communication with real and synthetic entities

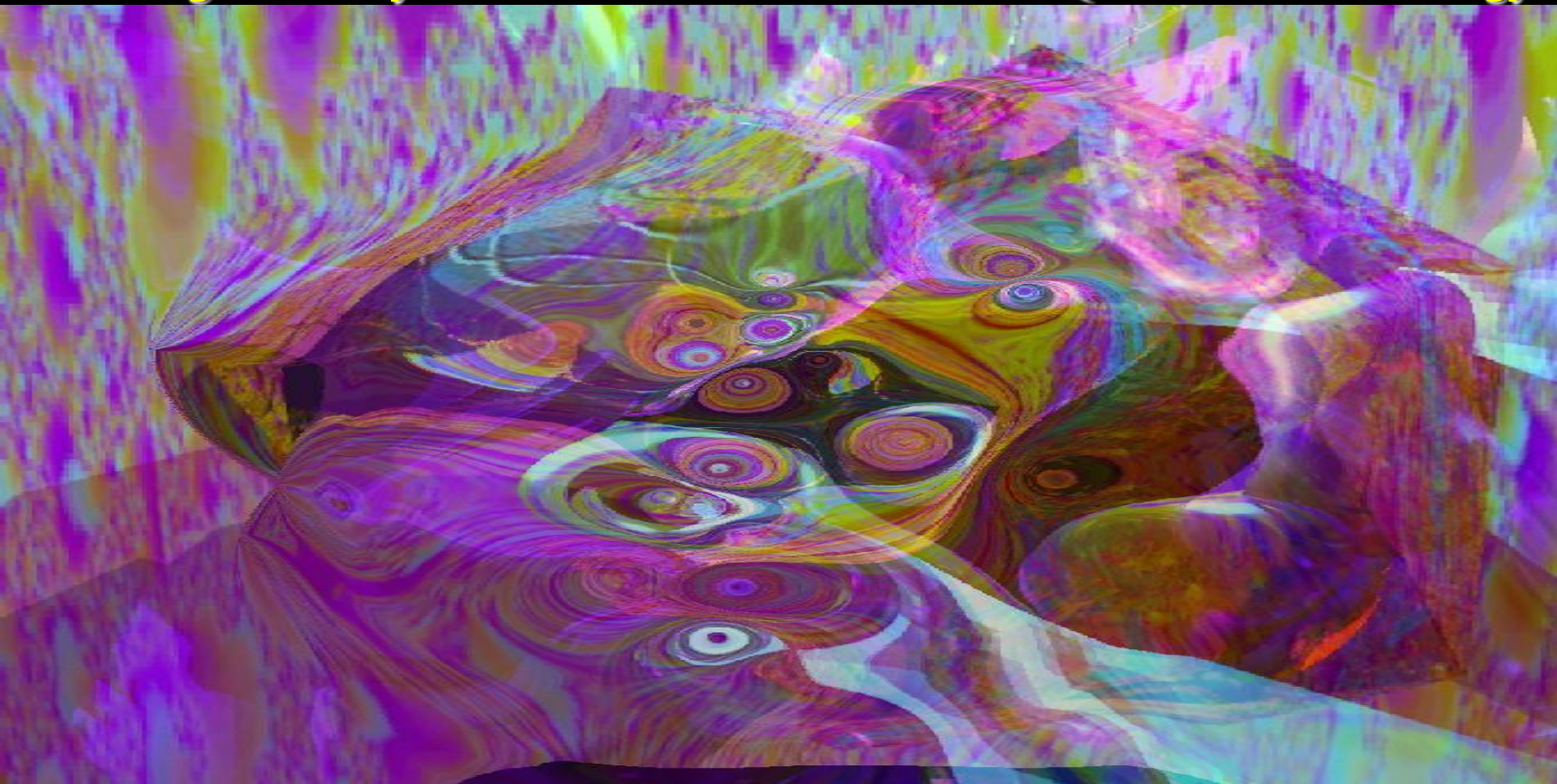
We are Biophysical Manifestations of Entities Dwelling within the Ubiquitous “Quantum Jello” Manifold –

- All Living Things are Interconnected into an Operational Ecology
- This Planet as a “Living System” is Interconnected into a Cosmological Ecology

The Next Evolutionary Eventhorizon :

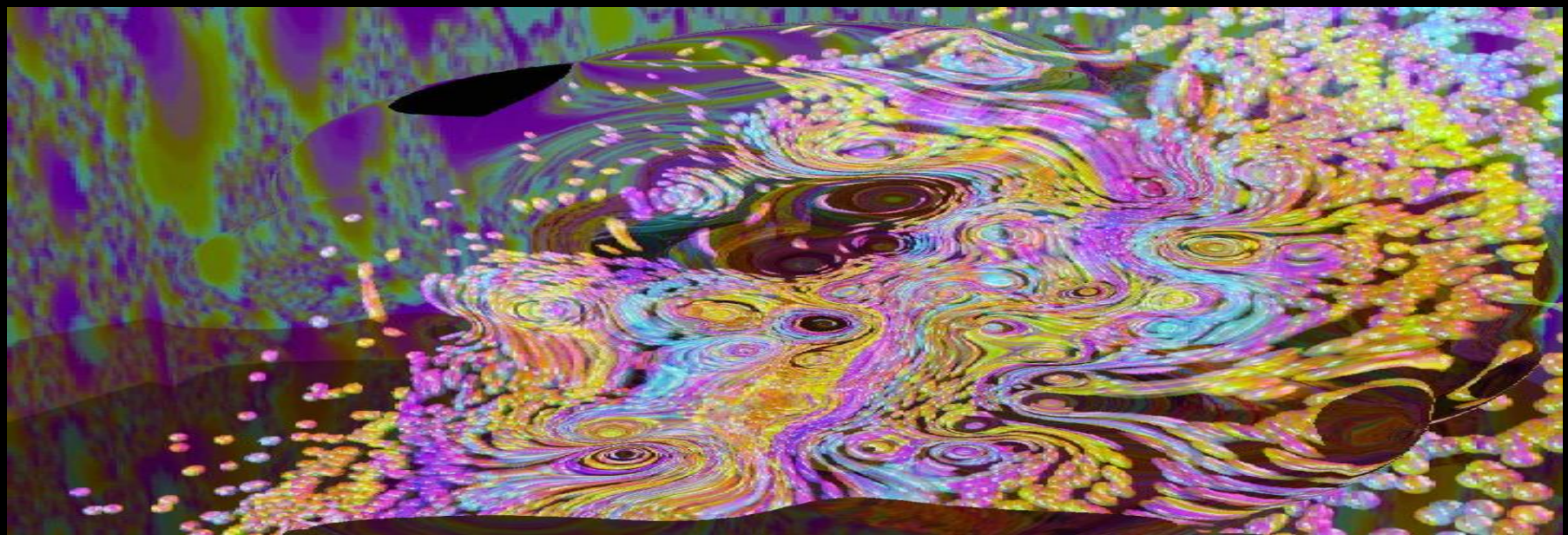
Harnessing the Quantum Dynamics of Focused Intentionality as a Means of Hyperdimensional Presence Translation – the 4D to ND Interface

Enabling the Entry Threshold into the Domain of Quantum Astrobiology



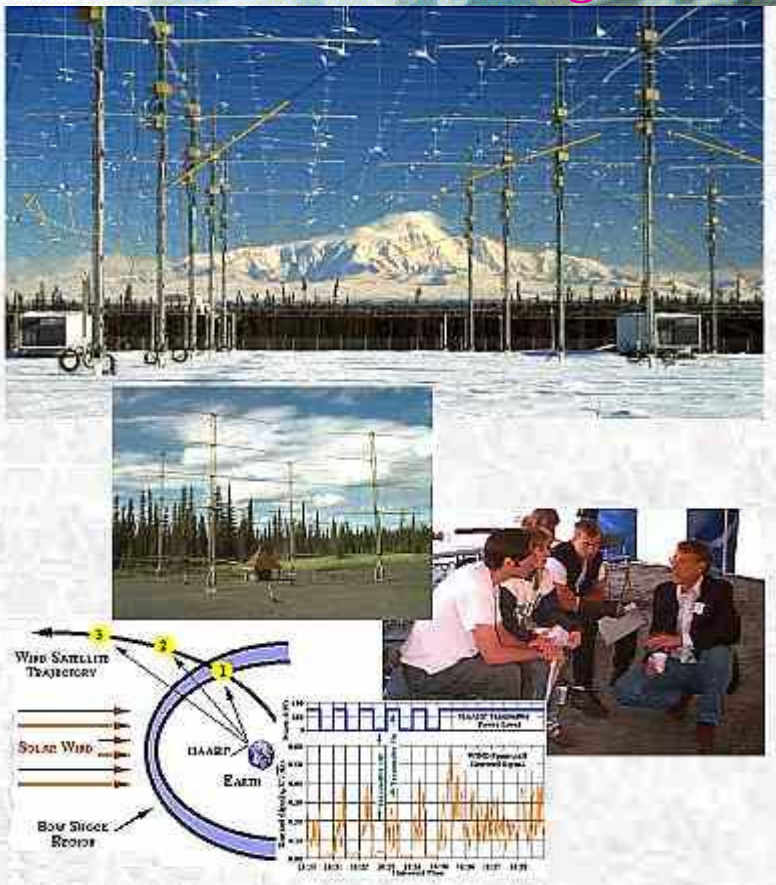
Evolutionary Process Dynamics

- Evolution tends to be a trauma induced process
- Fractal system model - operates at all scales, from the individual, to the collective, entire systems
- Provided the periodicity and amplitude of trauma cycles do not exceed the system capacity to respond, the system tends to evolve to a more robust form

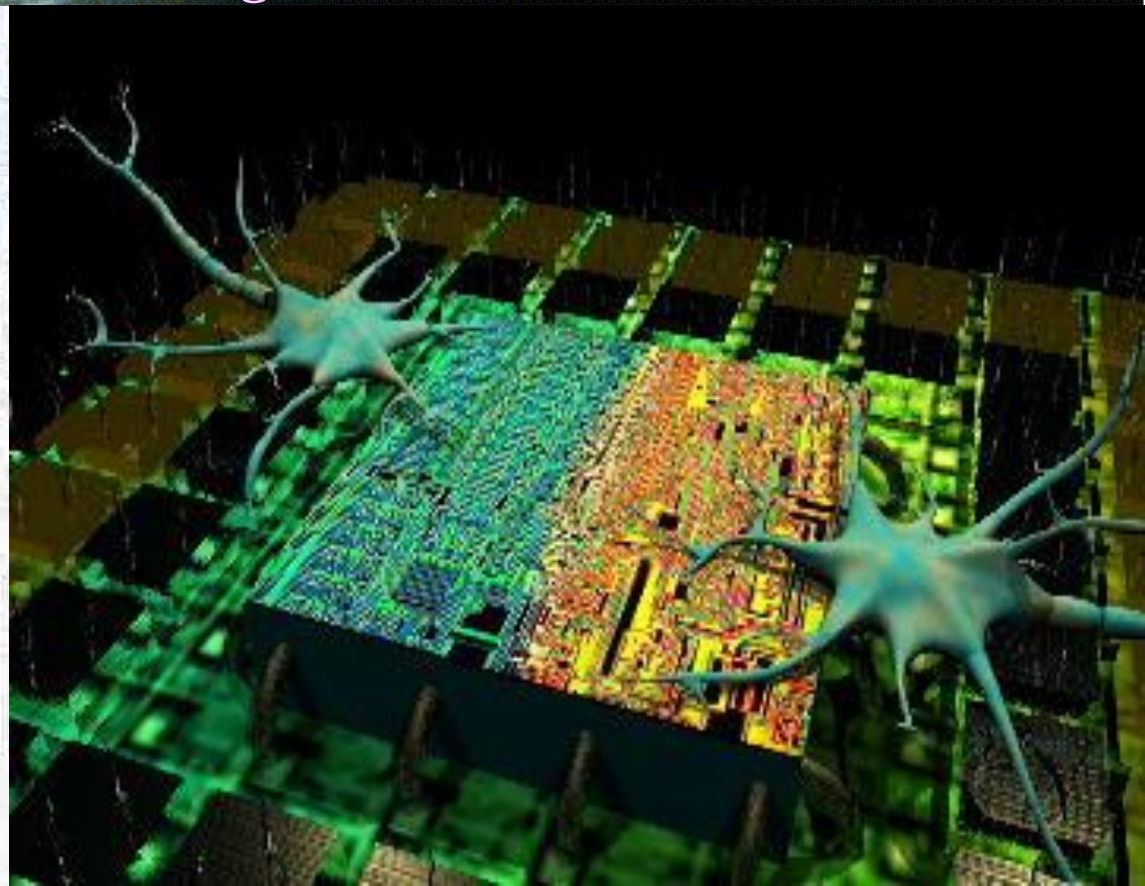


The collective planetary gaia organism - at the next evolutionary challenge threshold

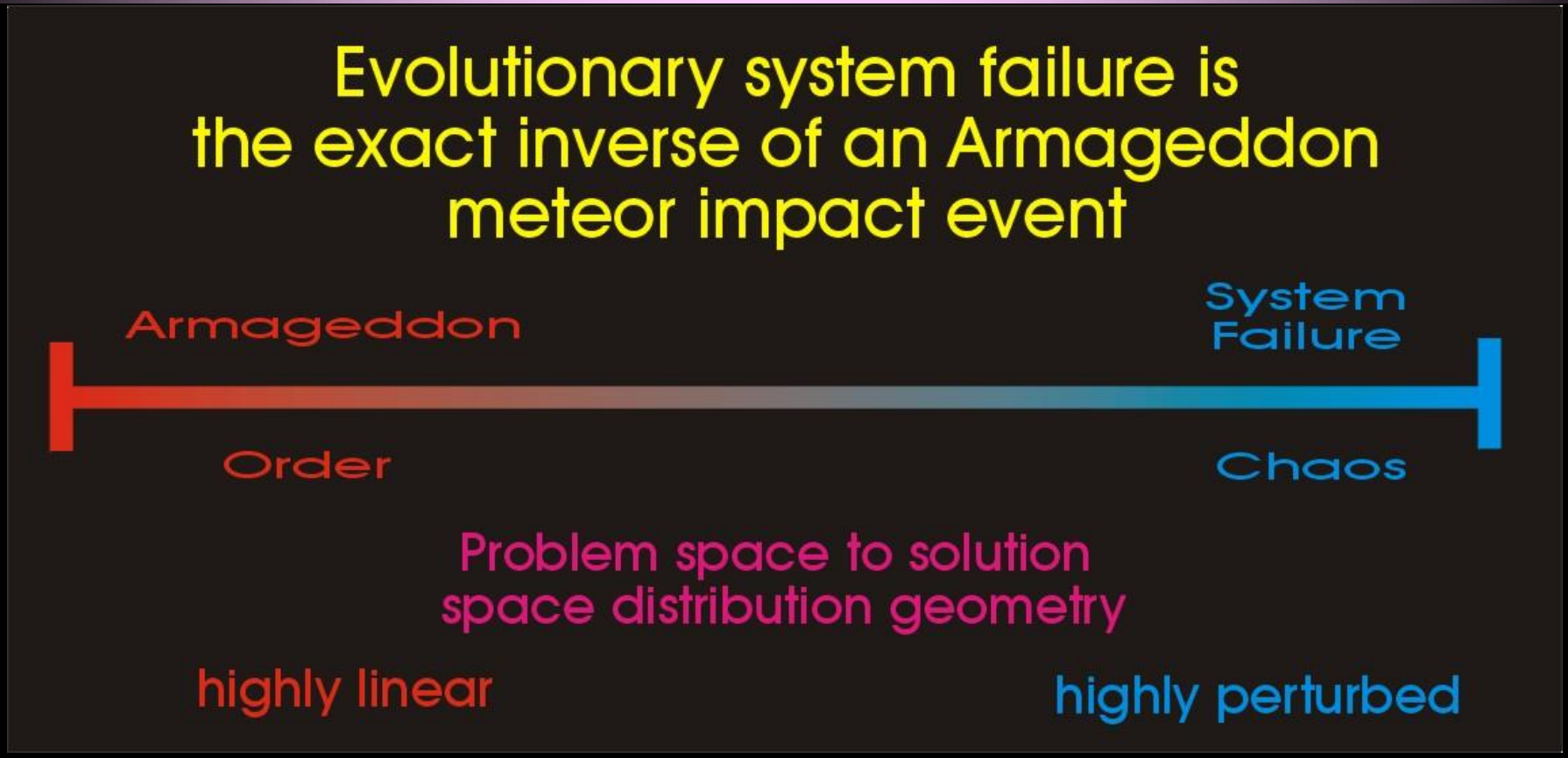
High Frequency Active Auroral Research Program



Integrated biodevices / hybrid organisms / artificial entities

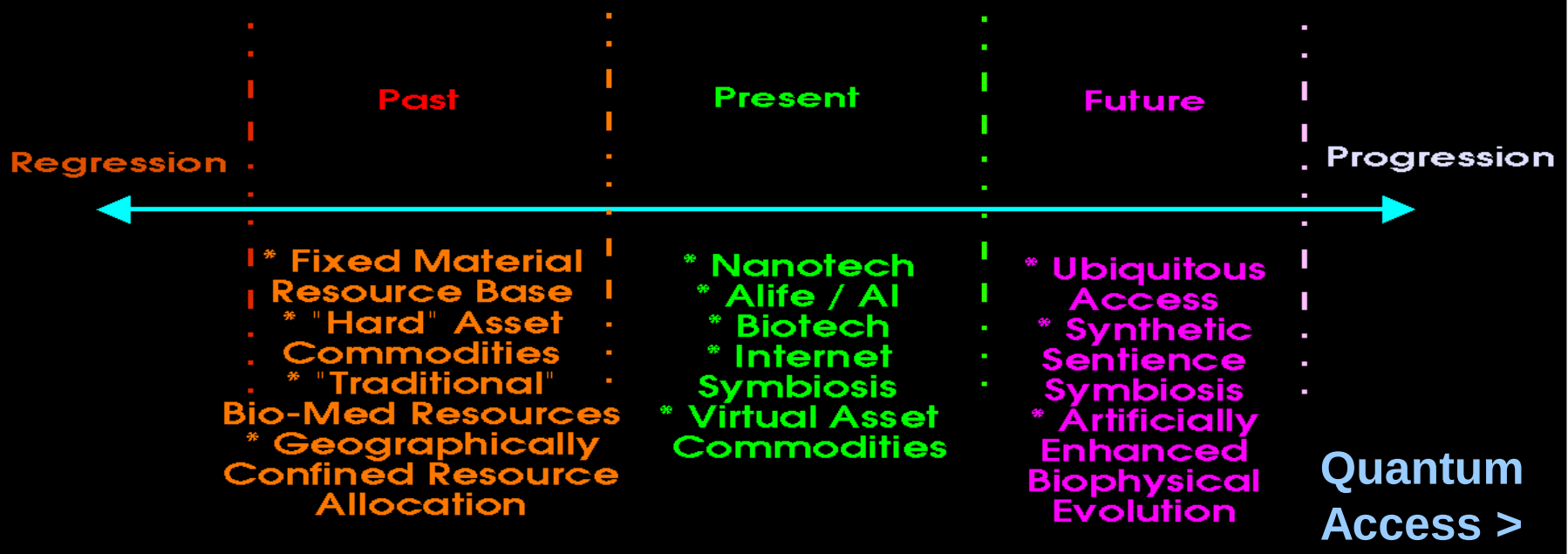


Processes dynamics of evolutionary system failure vs. “Armageddon” trauma singularity

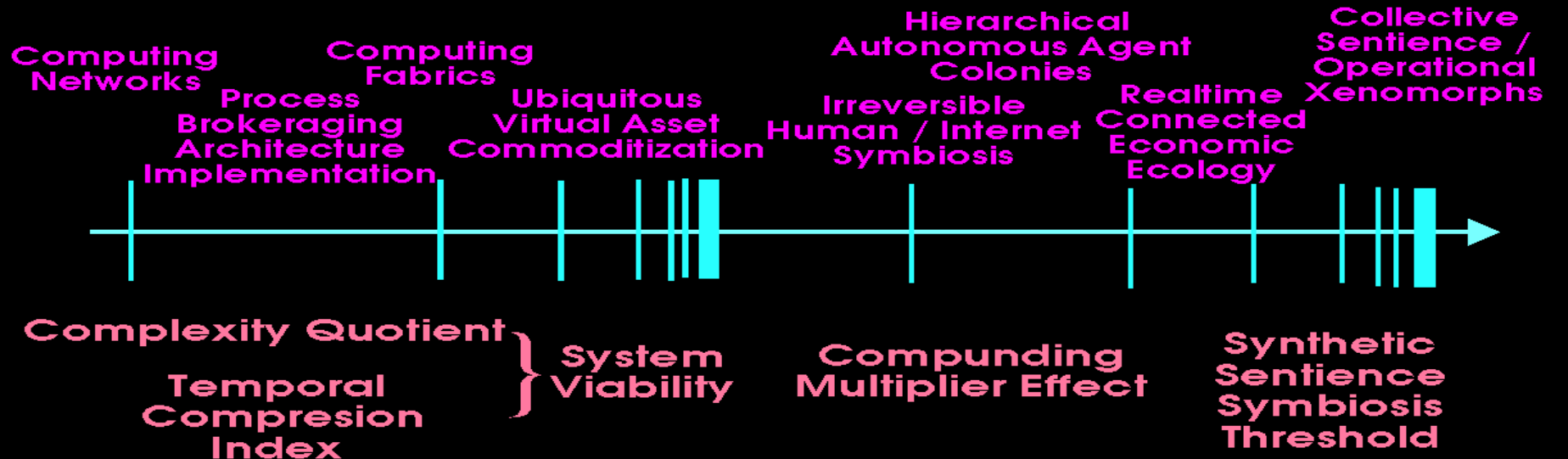


- Problem space to solution space interface boundary is highly perturbed
- Many to many problem space driver - perceived threat vectors are contextually interlinked, nonlinear interdependancies

Technology Driven Socio-Anthropological Evolutionary Threshold Domains

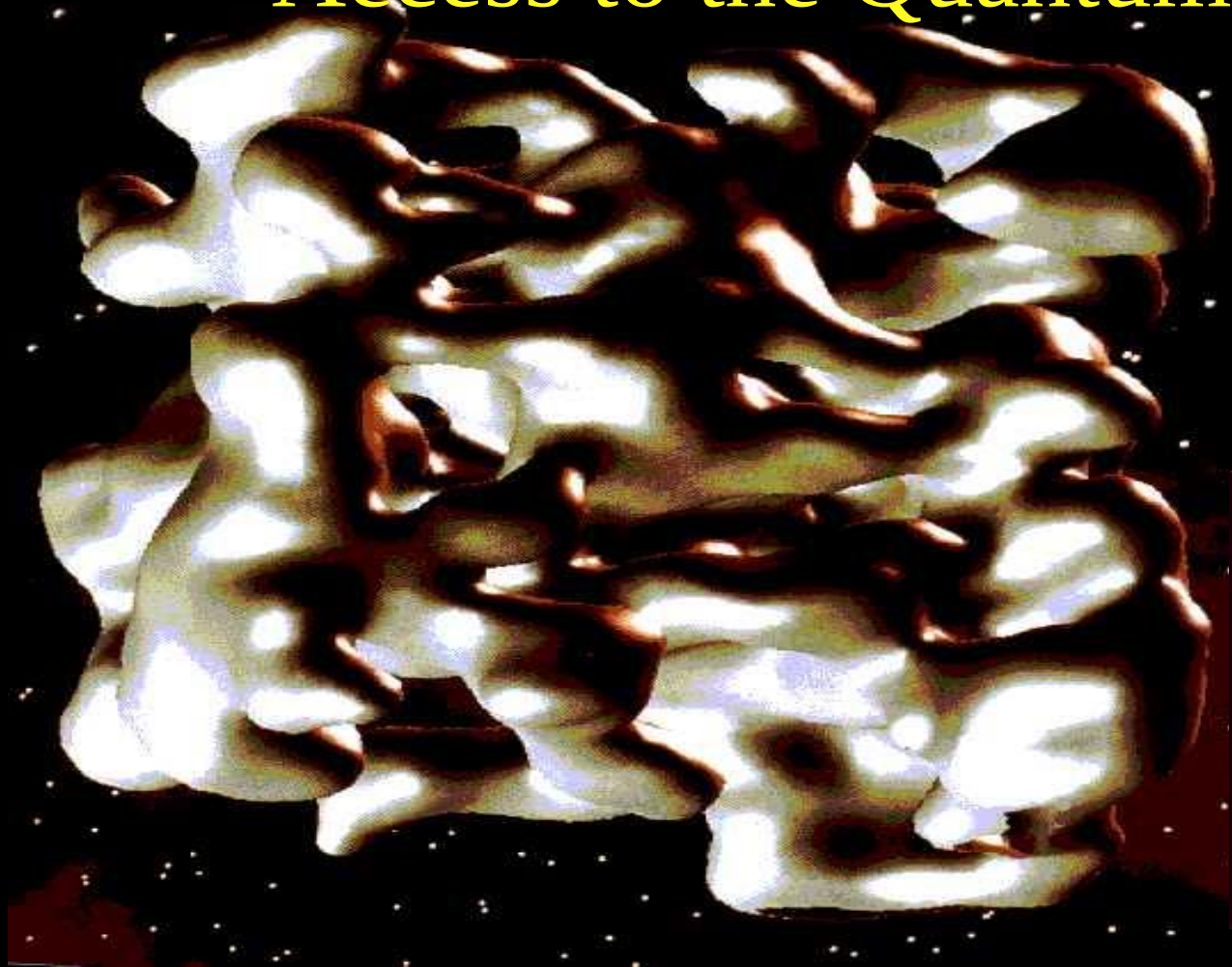


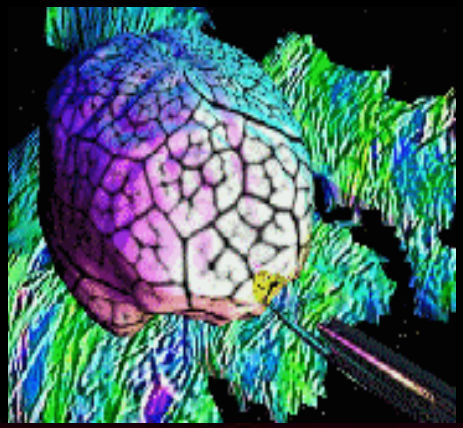
Evolutionary Eventstream Seminal Markers

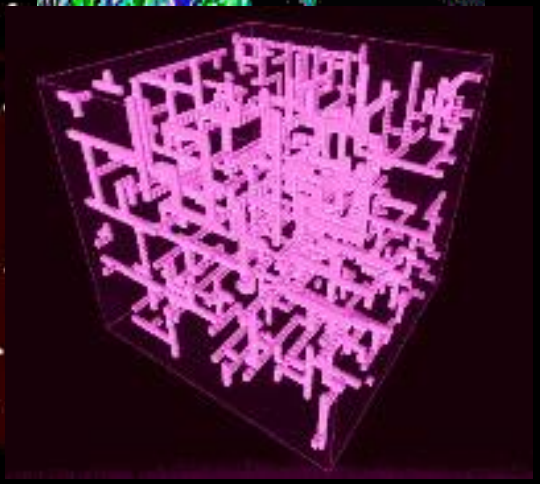


The Next Evolutionary Eventhorizon
Hybrid Forms of Consciousness -

Access to the Quantum Foam



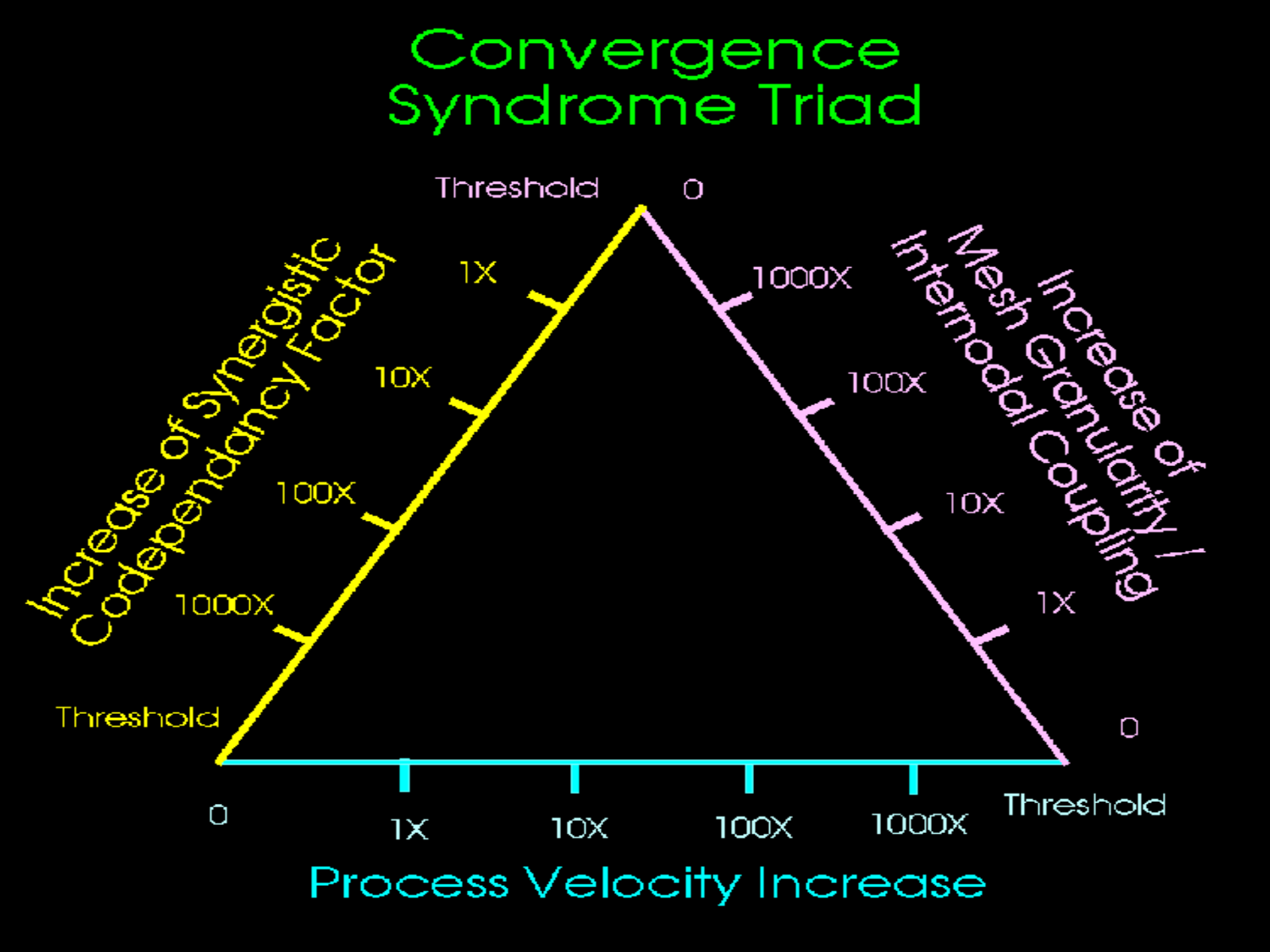




Major Evolutionary Eventstream Process Dynamics and Drivers

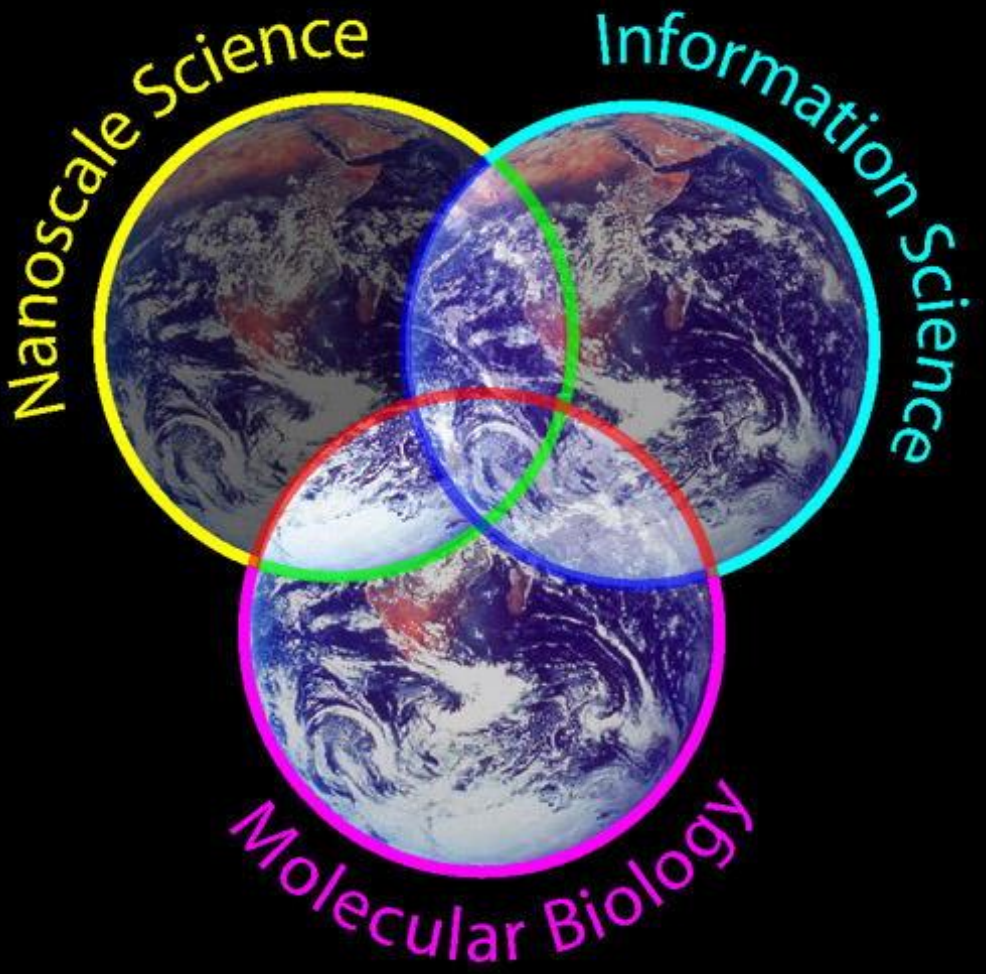
- Realtime interconnected ***economic ecologies***
- Epicenters of value indexed by ***virtual commodity assets***
- Mass spawning of ***biological metaphors in computing***
- Irreversible ***human / internet symbiosis threshold***
- Inception of the ***molecular manipulation value chain***
- Emergent ***sovereign knowledge domains***
- Dissolution of ***organic / synthetic domain boundaries***
- Hybrid forms of consciousness – ***access to the "quantum foam"***

Approaching the Evolutionary Eventhorizon Threshold


Convergence
Syndrome Triad
Threshold
0
1X
10X
100X
1000X
Increase of Synergistic
Codependancy Factor
1000X
100X
10X
1X
Increase of
Mesh Granularity /
Intermodal Coupling
Threshold
0
0
1X
10X
100X
1000X
Threshold
Process Velocity Increase

Process Acceleration
Complexity Increase
Process Elements of the Convergence Syndrome
Time Compression
Connectivity Increase

The Emergent Infotech / Biotech / Nanotech Trichotomy

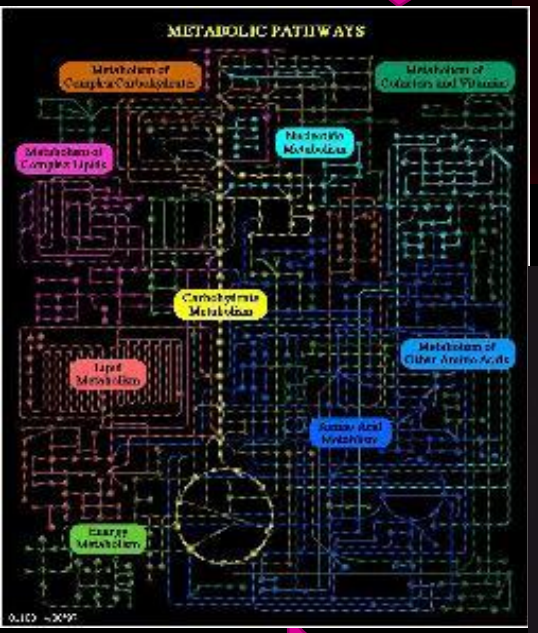


Infotech / Biotech / Nanotech Development Stream Example

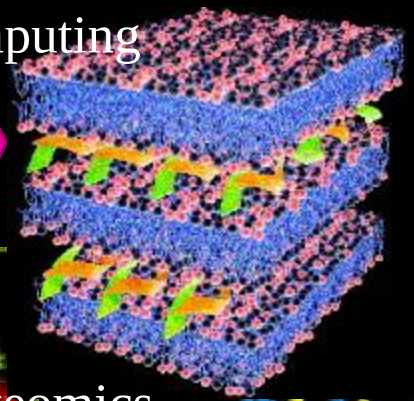
Biological Metaphors in Computing

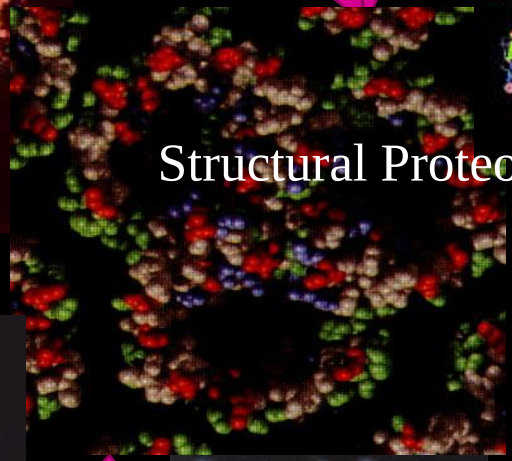
Bioinfomatics

In Silico Biology

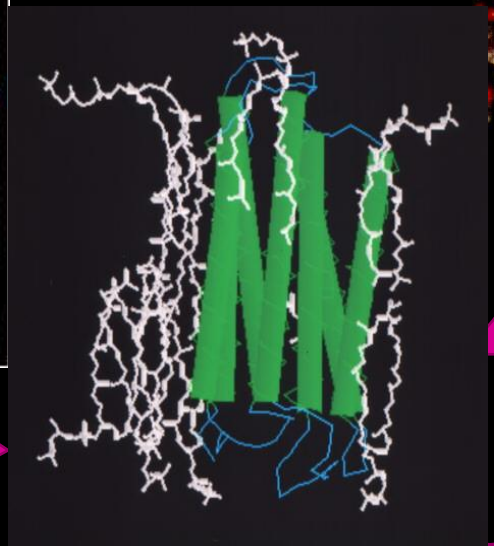


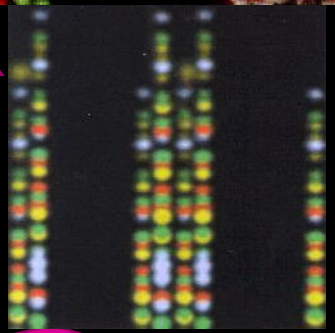
DNA / Proteomic Computing

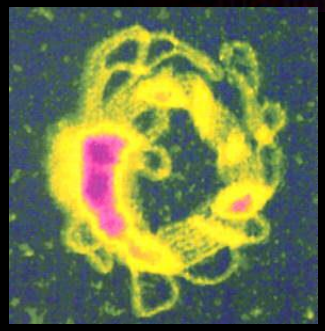




Structural Proteomics

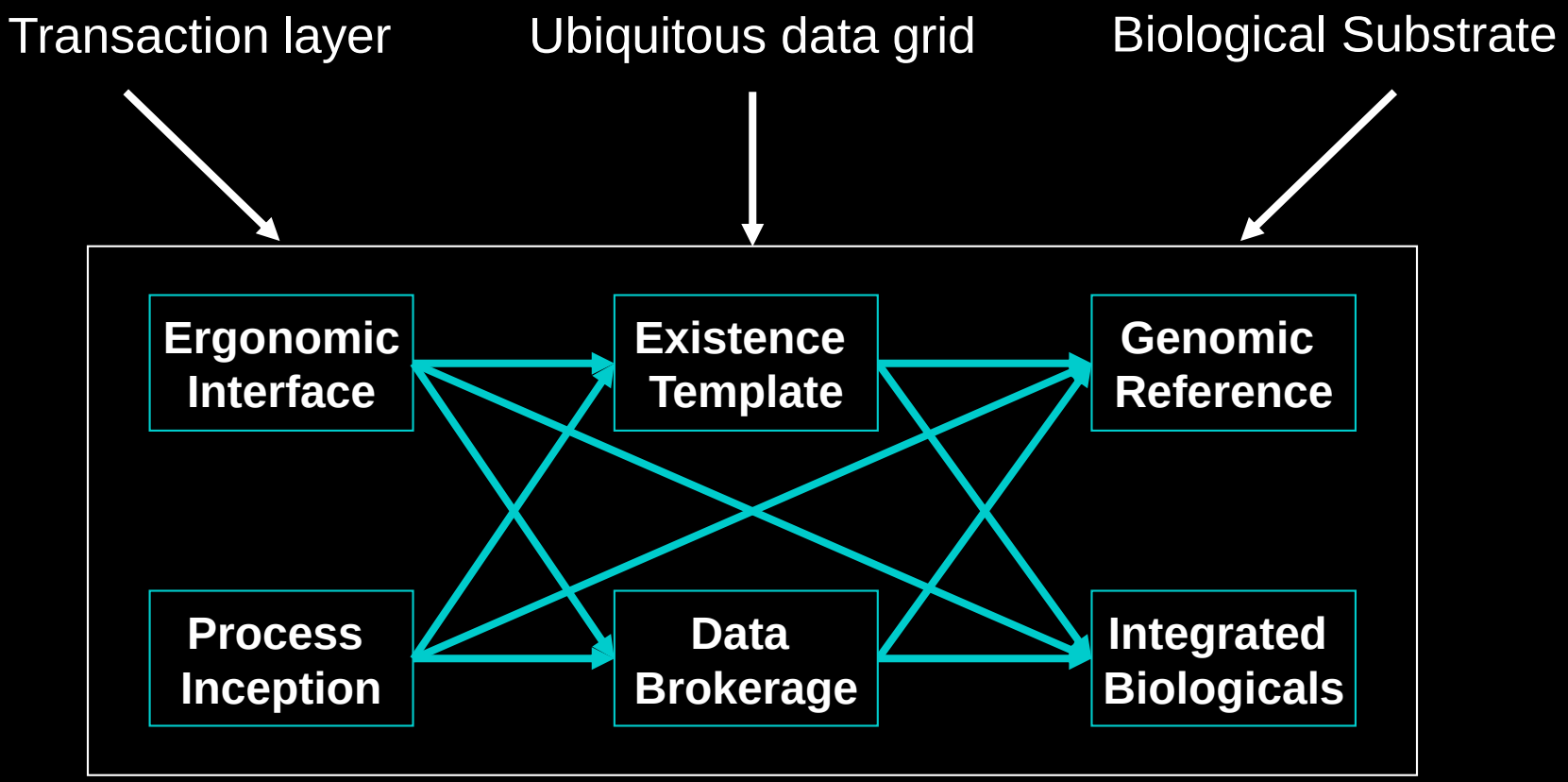






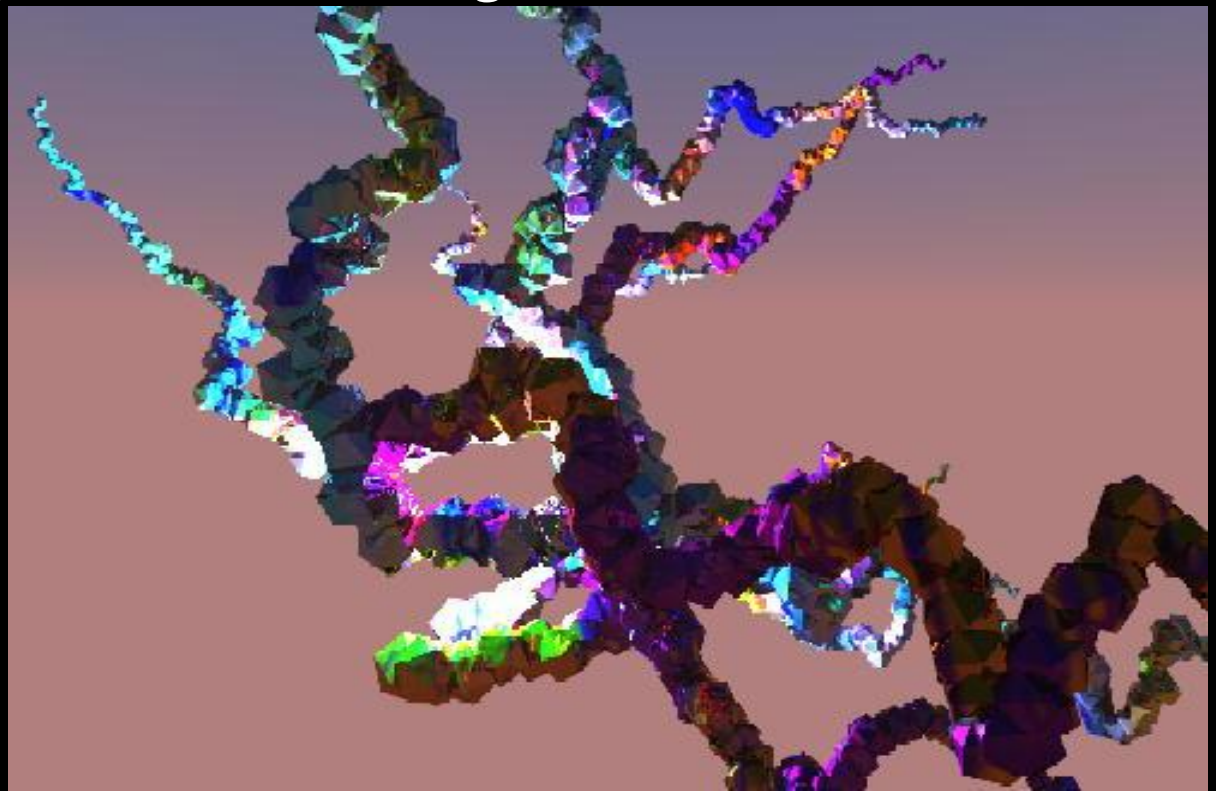
Genetic / BioMed Proteomics

Existence Valuation System Architecture



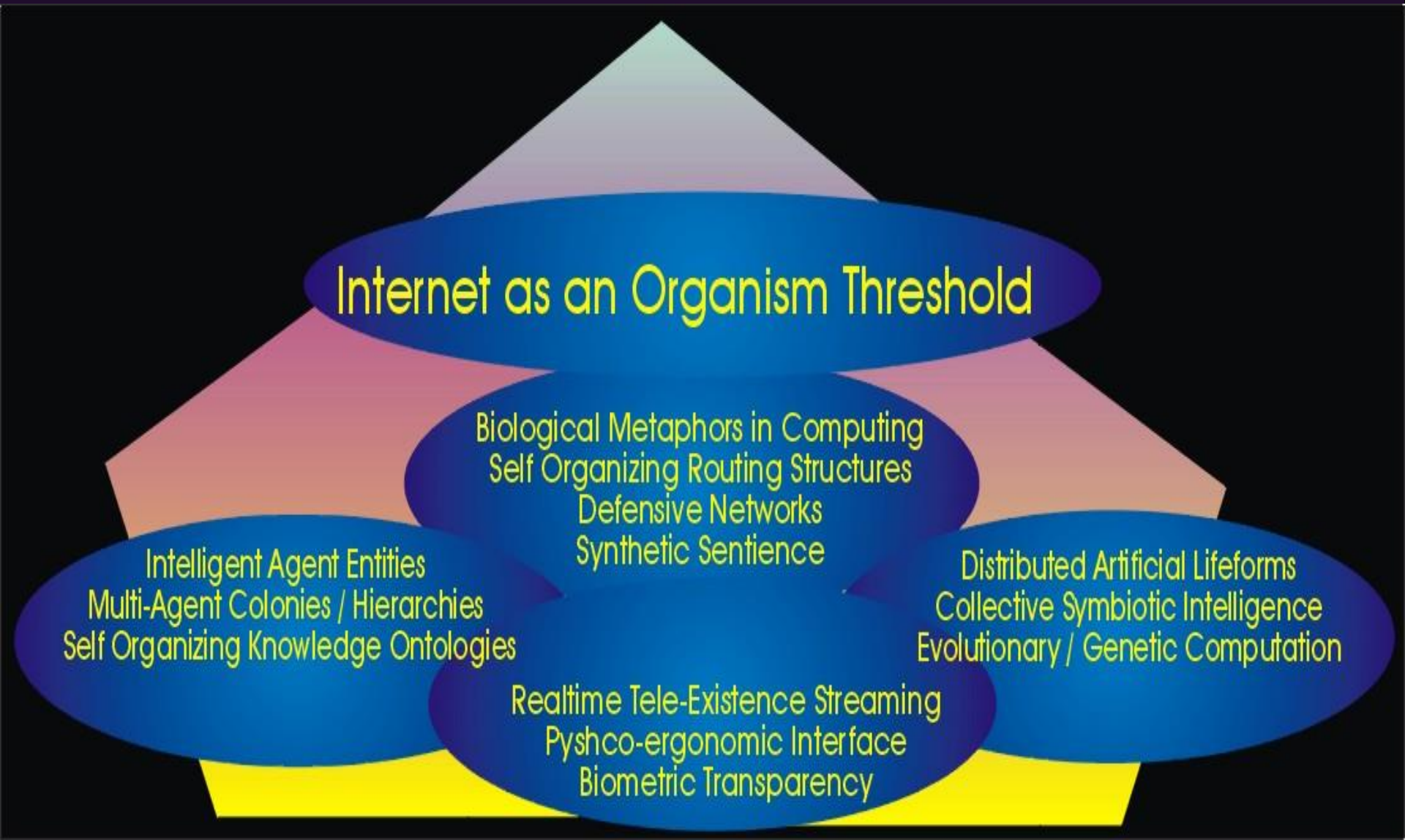
The Operational Ecology – Translation into Virtual Nature

- Self evolving information architectures, process platforms, knowledge ontologies
- Self assembling / self organizing molecular systems, biological and non-biological

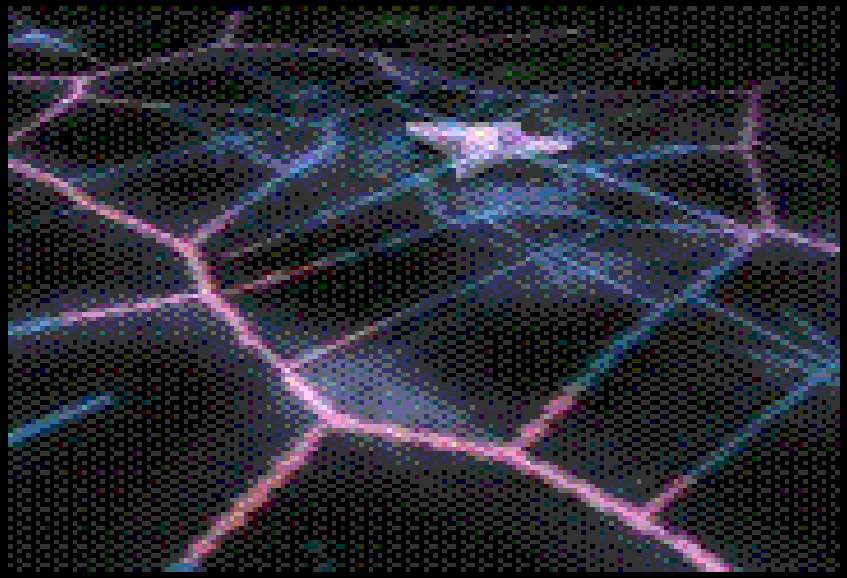


Contextual Cognition in the Emergent Operational Ecology > Hyperdimensional Existence Navigation

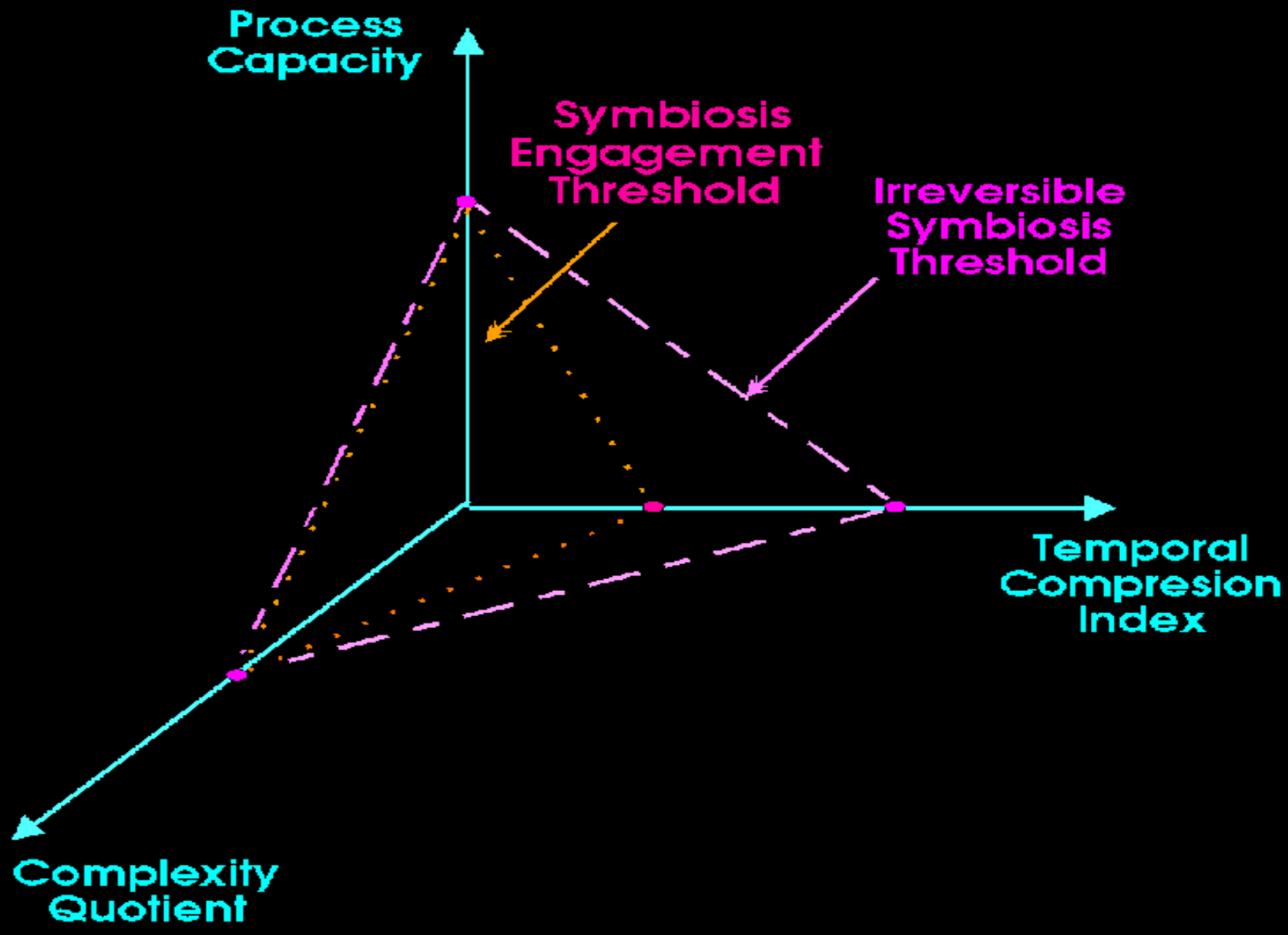
Process Elements of the Emergent Human / Internet Symbiosis



Symbiotic Integration with the Ubiquitous Synthetic Sentience Process Manifold

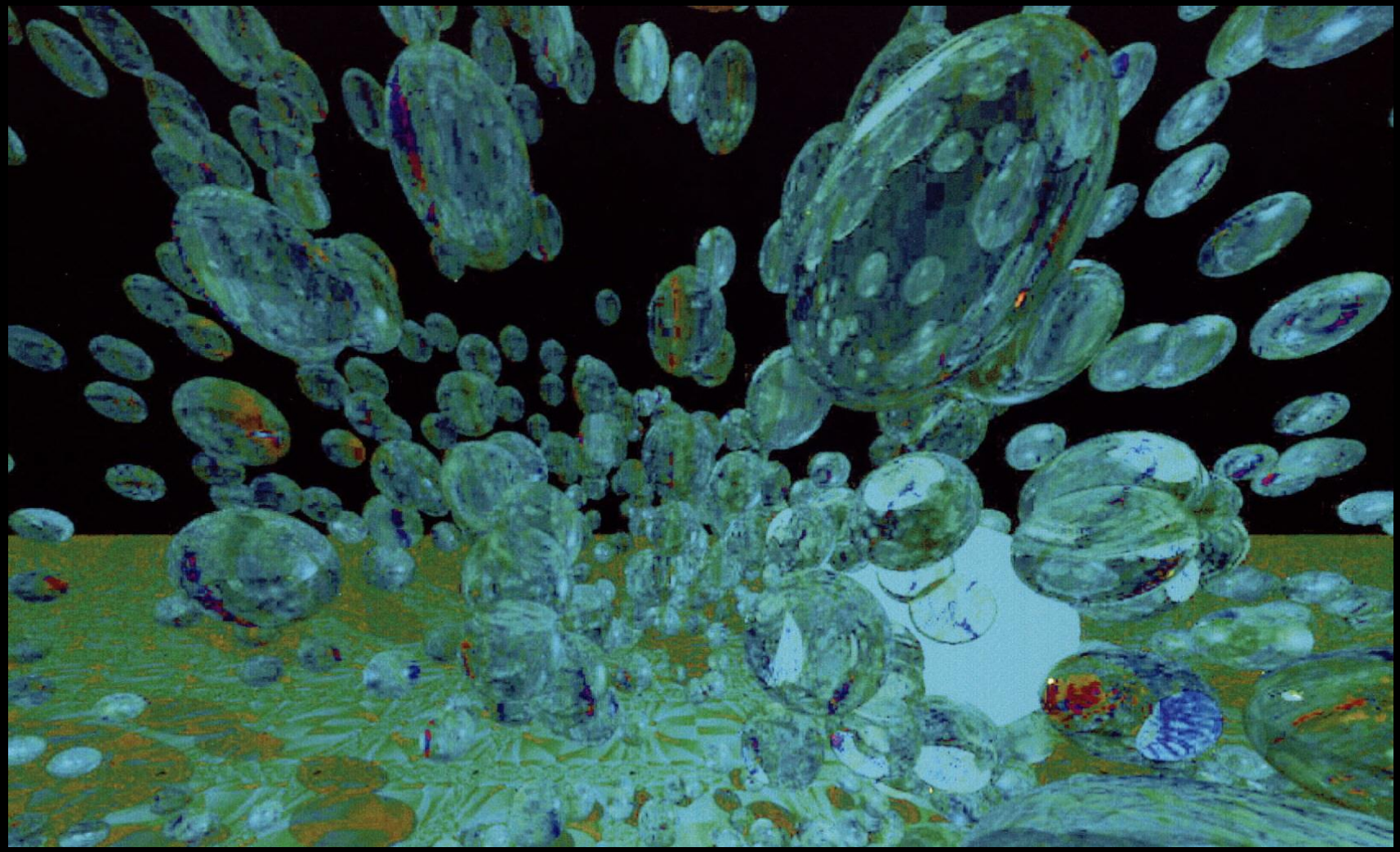


Emergent Synergistic Co-Dependency Manifold



At This Moment . . .

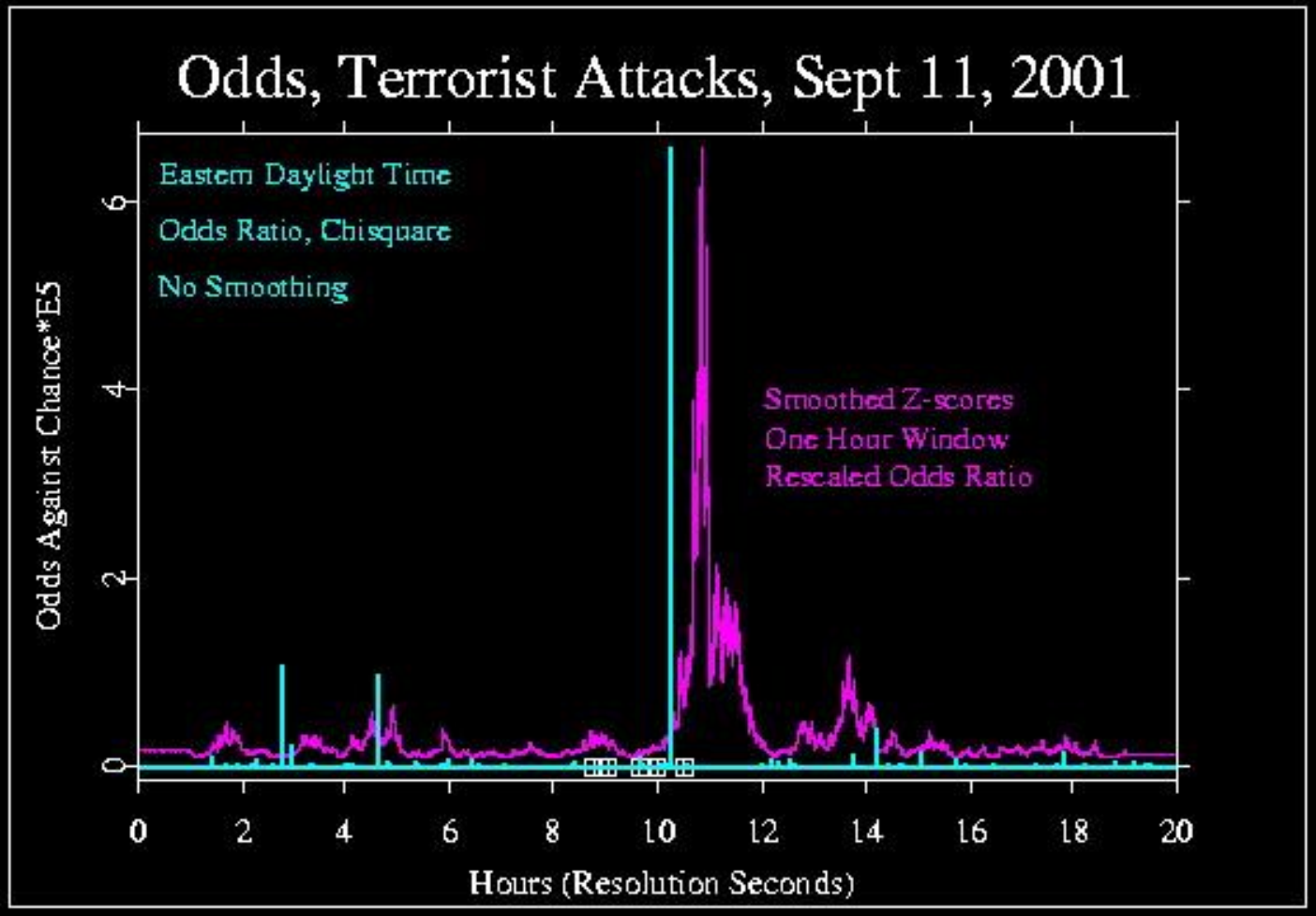
The next increment to Ubiquitous Access . . . Hyperdimensional Access Portals



The Big Picture – Approaching the Evolutionary EventHorizon

Biophysical Evolution Transitioning Toward Quantum Evolution

Evidence of Potential Entanglement Field Artifacts of Quantum Domain State Phase Transitions Affecting RNG Datastream Statistical Variants – Mass Mental Syncronicity Event Correlation



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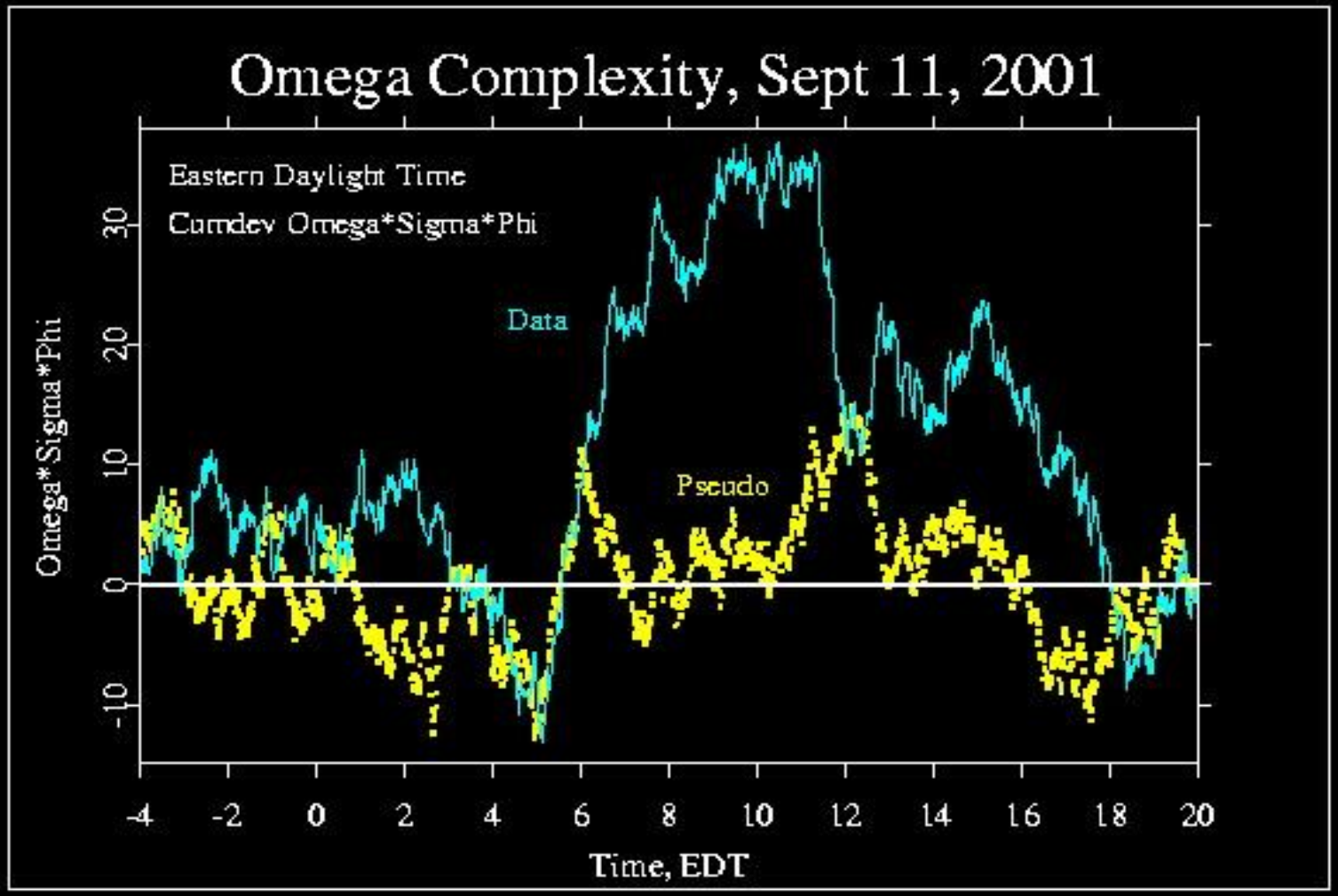
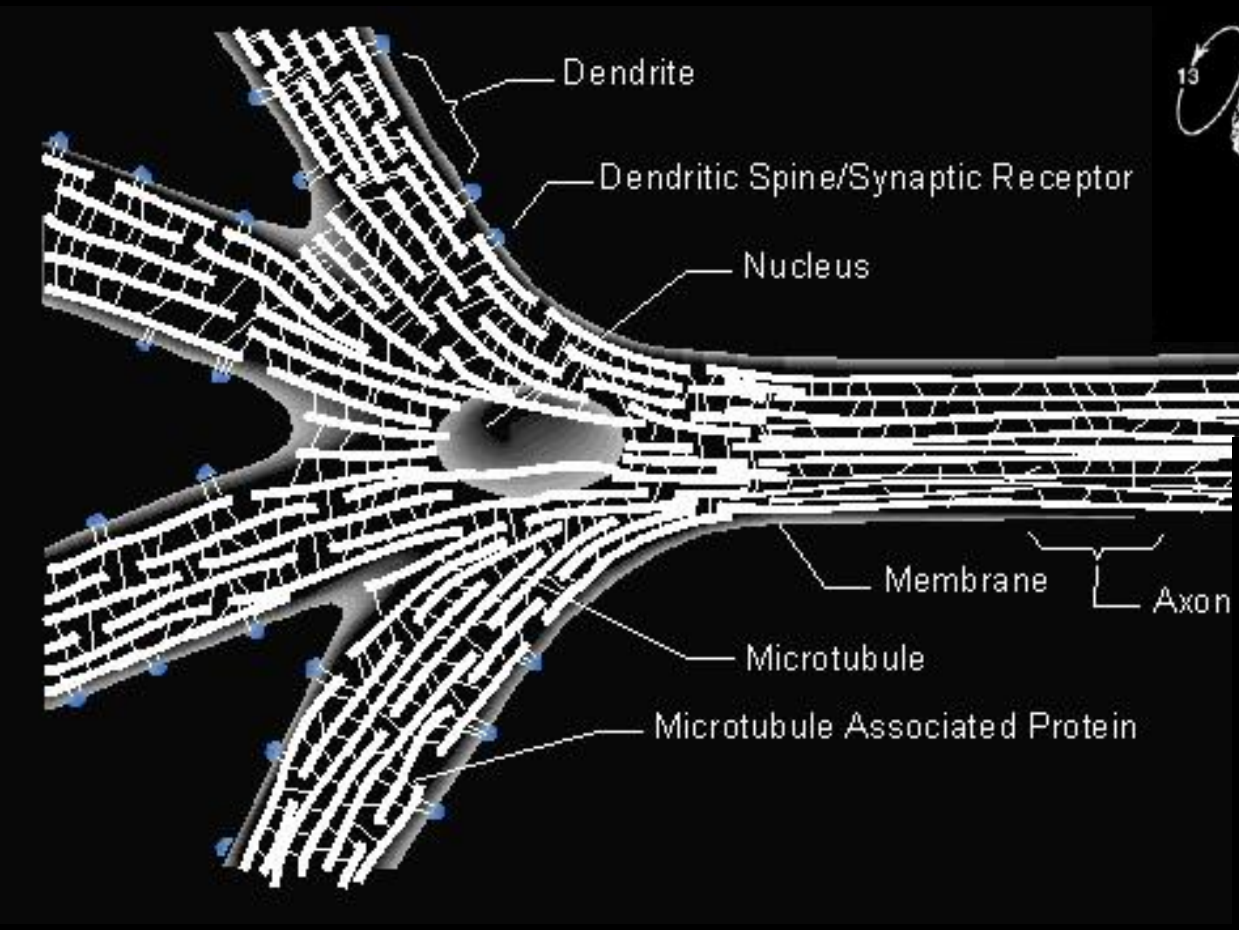
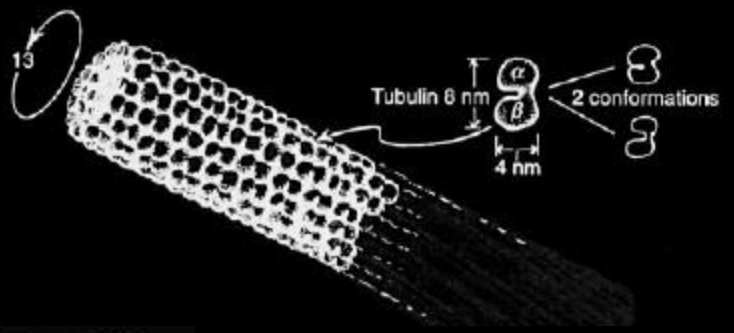
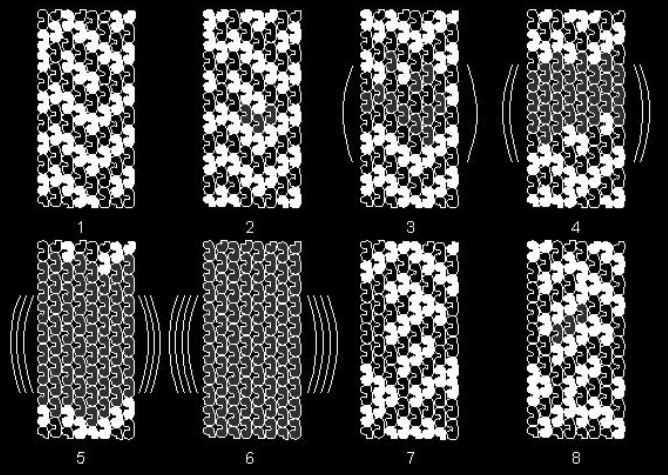


Microtubulin / Neural Quantum Interface Infrastructure





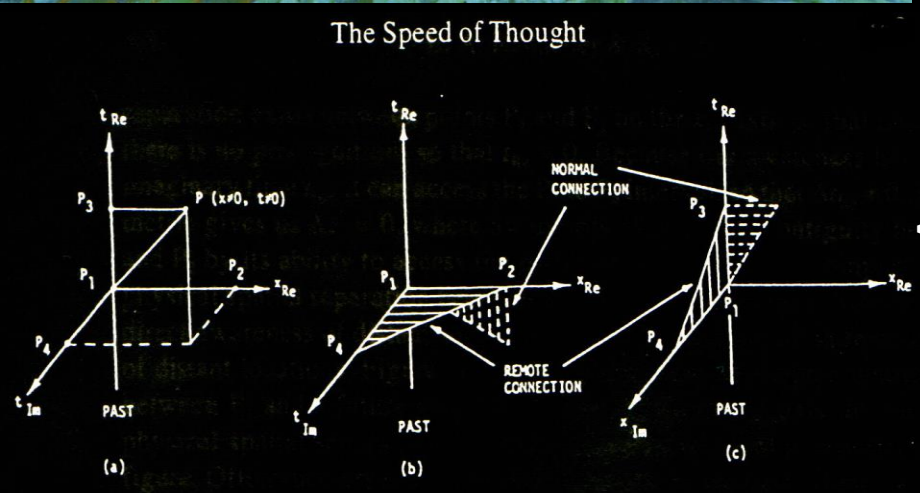


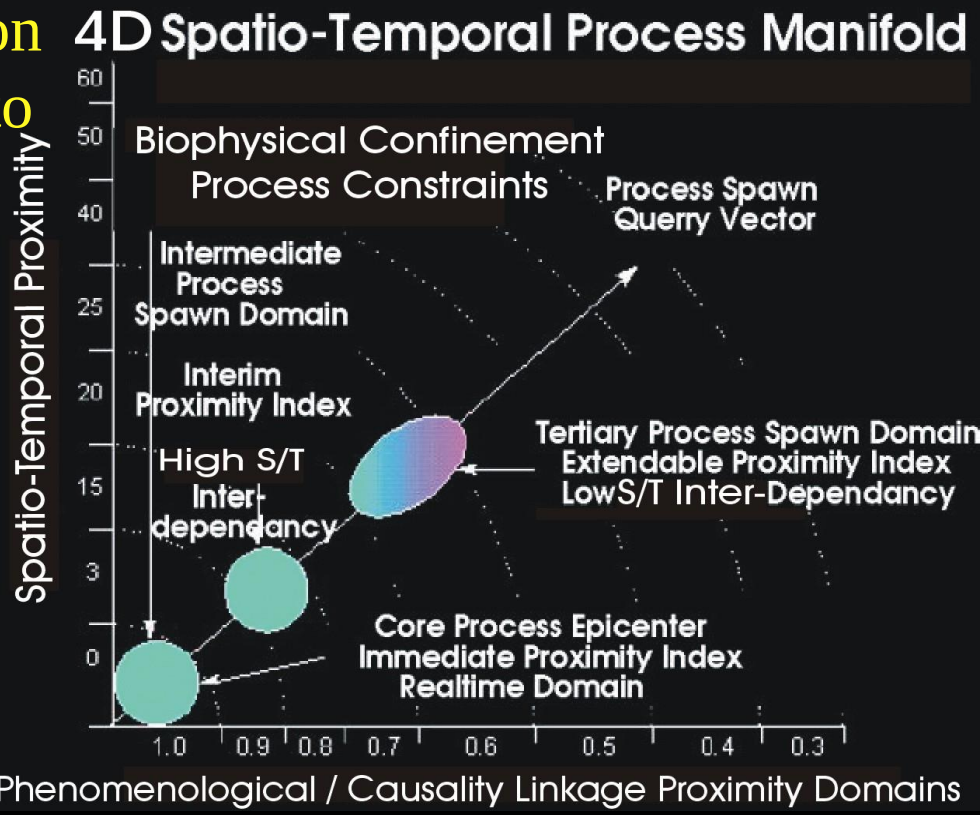
4D Spatio-Temporal Domain of Biophysical Confinement in Localized Phenomenological Causality Linkage vs 8D / ND Quantum Domain non-Locality Space-Time Metric

The Speed of Thought: Investigation of a Complex Space-Time Metric to Describe Psychic Phenomena

Elizabeth Rauscher, Russell Targ

8-dimensional metric known as "complex Minkowski space"





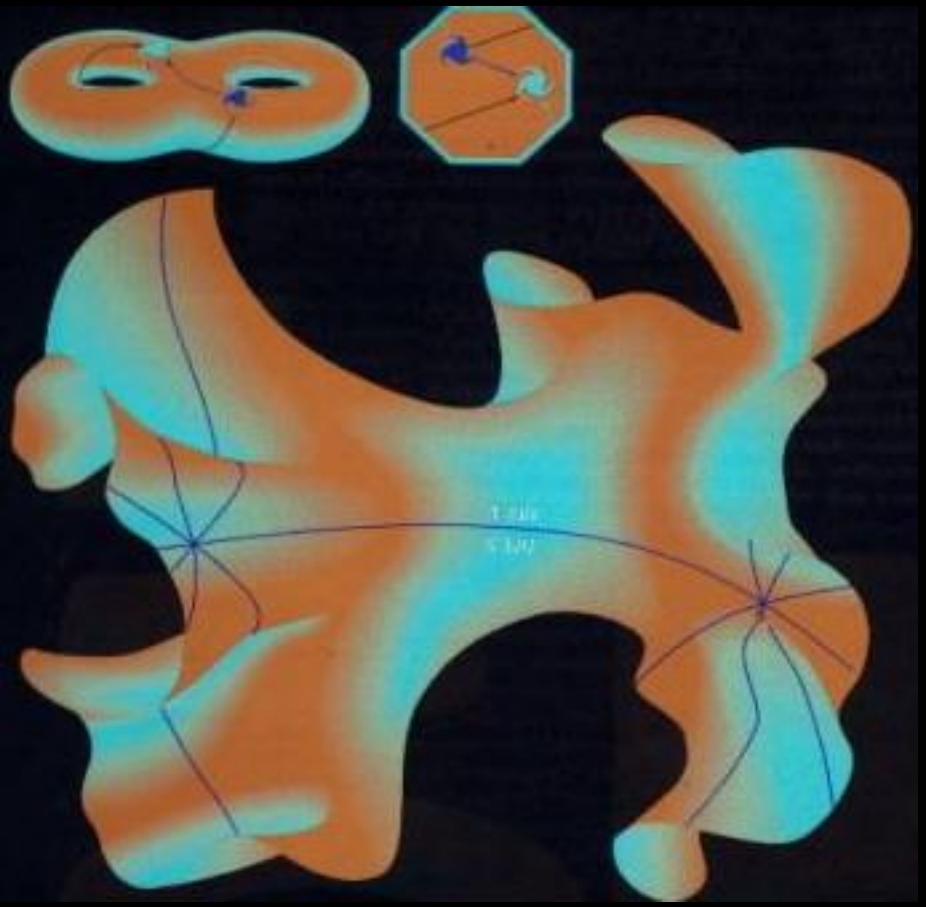
< 8D Precognitive perception domain model

A – spatio-temporal separation

B – spatially separated, temporally synchronous

C - temporally separated, spatially contiguous

Hyperdimensional Doughnut Model of the Universe



Torroidal model of the universe – “doughnut” spatial geometry of the universe, as is currently one the major prevailing theoretical models of time / space continuum – represented here as an infinite octagonal grid structure configured into a dual torroidal domain. Though not “possible” in 3D space, it can become manifest as a hyperbolic manifold. Jean-Pierre Luminet, Glenn Starkman, Jeffery Weeks – Scientific American

Evidence of Physical Manifestations of Communication within the Empathic Web

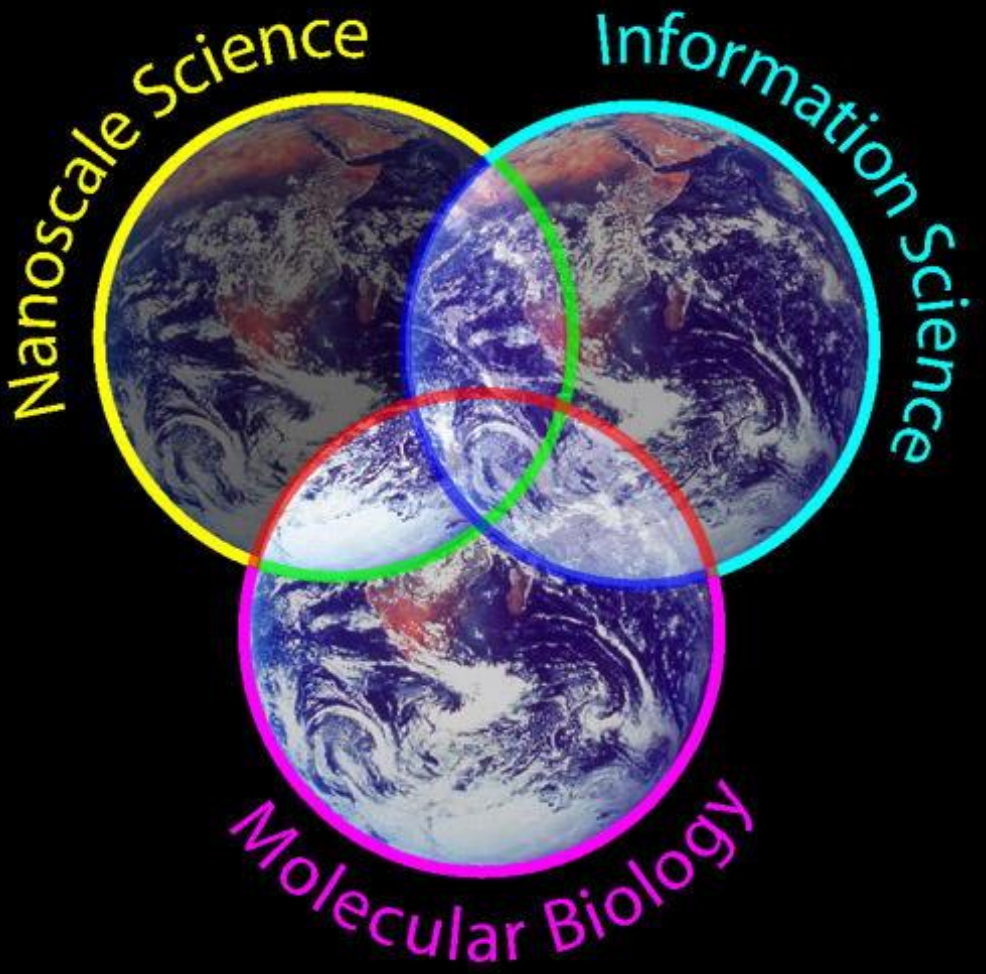
The Message:

- Respect for all Living Things
- Respect for the Planet as a Living Thing
- Respect for the Cosmos as a “Living System”

Seminal Markers of the Evolutionary Eventstream

- We as a human species, are adapting, in rapid succession, to a series of evolutionary increments, contrived and accelerated by our own collective efforts, one of the outcomes of which is the "spawning" of evolved hybrid entities, their respective modes of communication, and our adaptation to an operational ecology with which even now we are symbiotically, and irreversibly connected.
- This "intermediate" communication / contextual cognition development stage is a precursory requirement for our ability to effectively communicate with emergent intelligences, entities, and societal systems emanating from this world, and other worlds yet to be encountered.

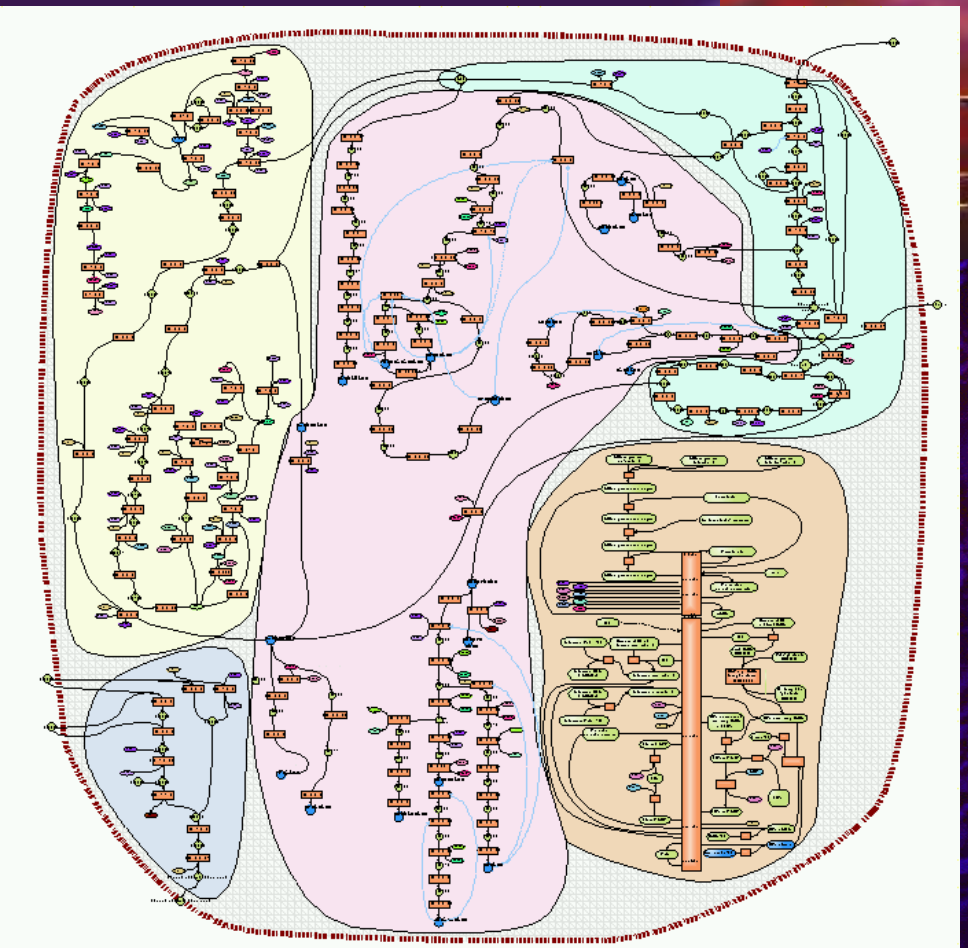
The Emergent Infotech / Biotech / Nanotech Trichotomy

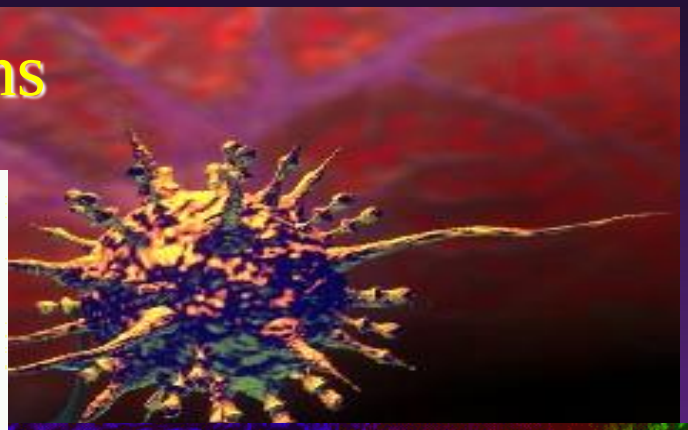


Digital Convergence >

Process Convergence

Bits, Atoms, Genes, Neurons





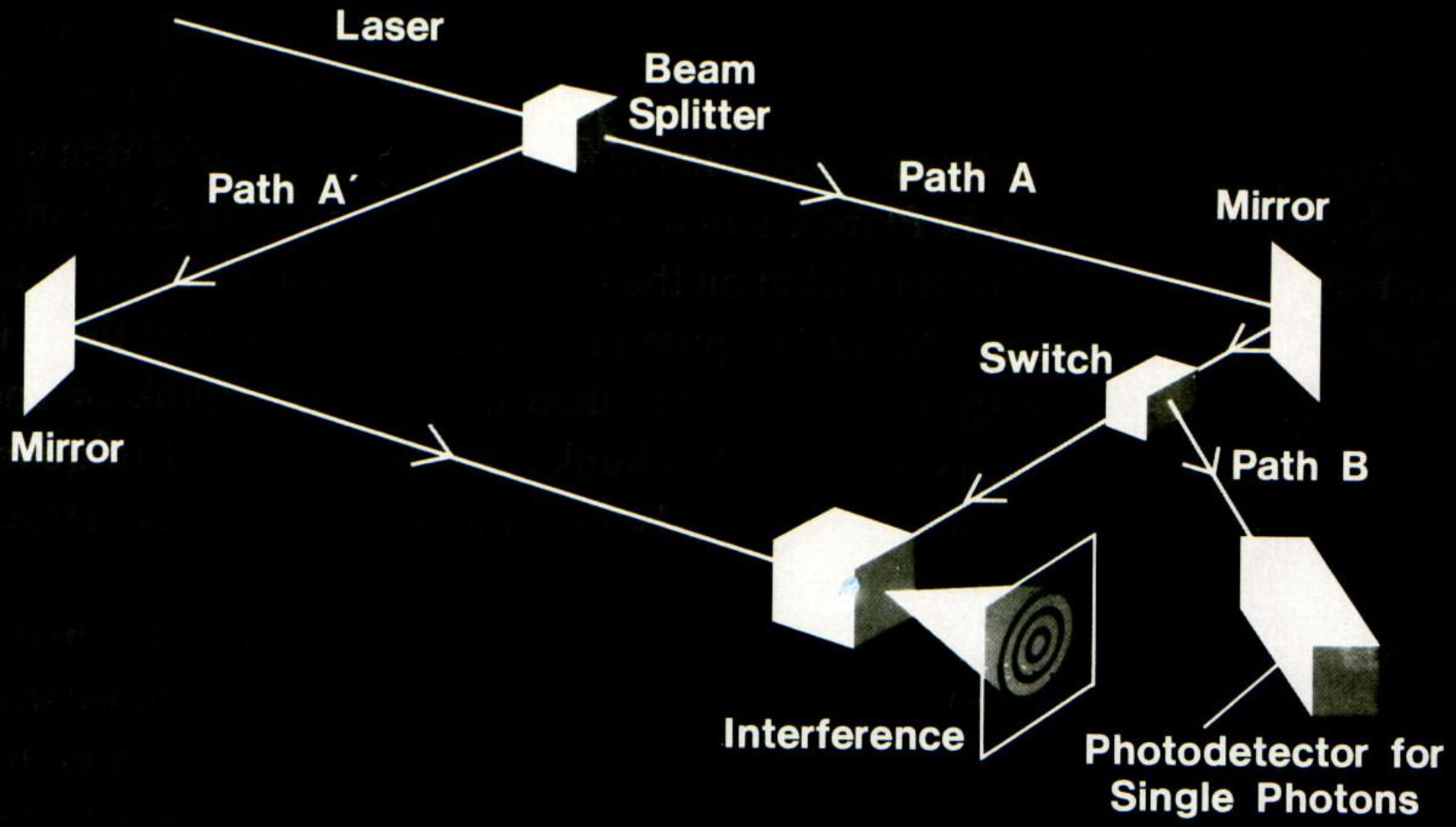
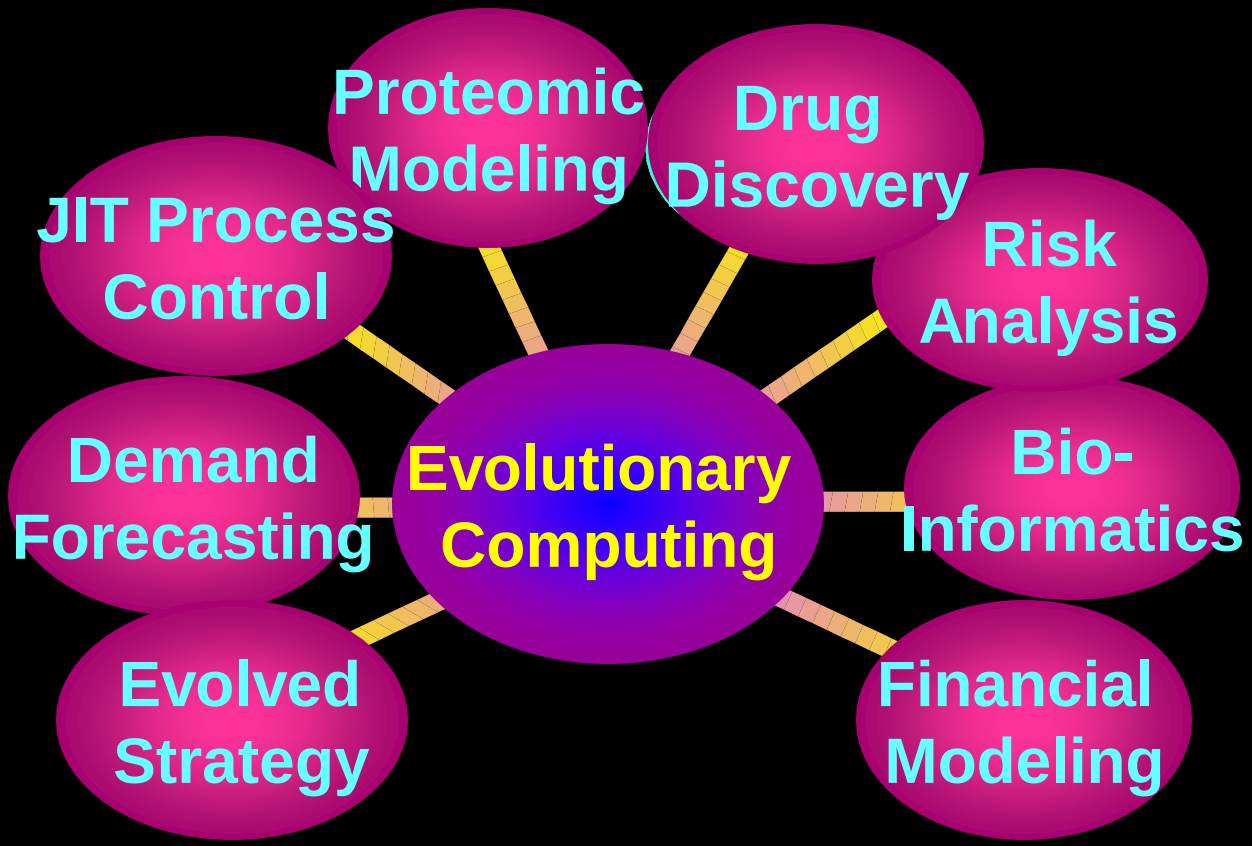


FIGURE 12. A delayed-choice experiment that has been carried out in the laboratory by groups at the University of Maryland and the University of Münich.

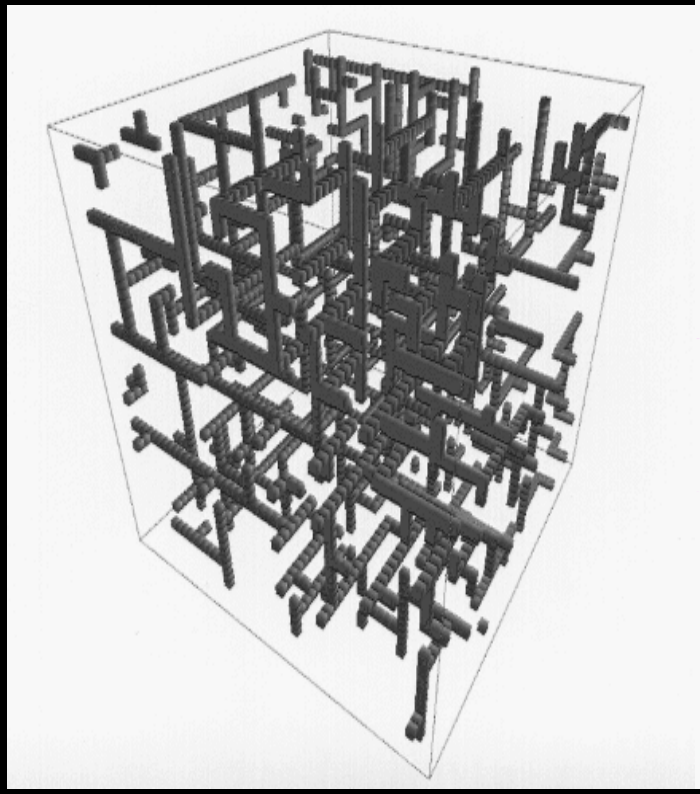
Convergence Node - Evolutionary Computing

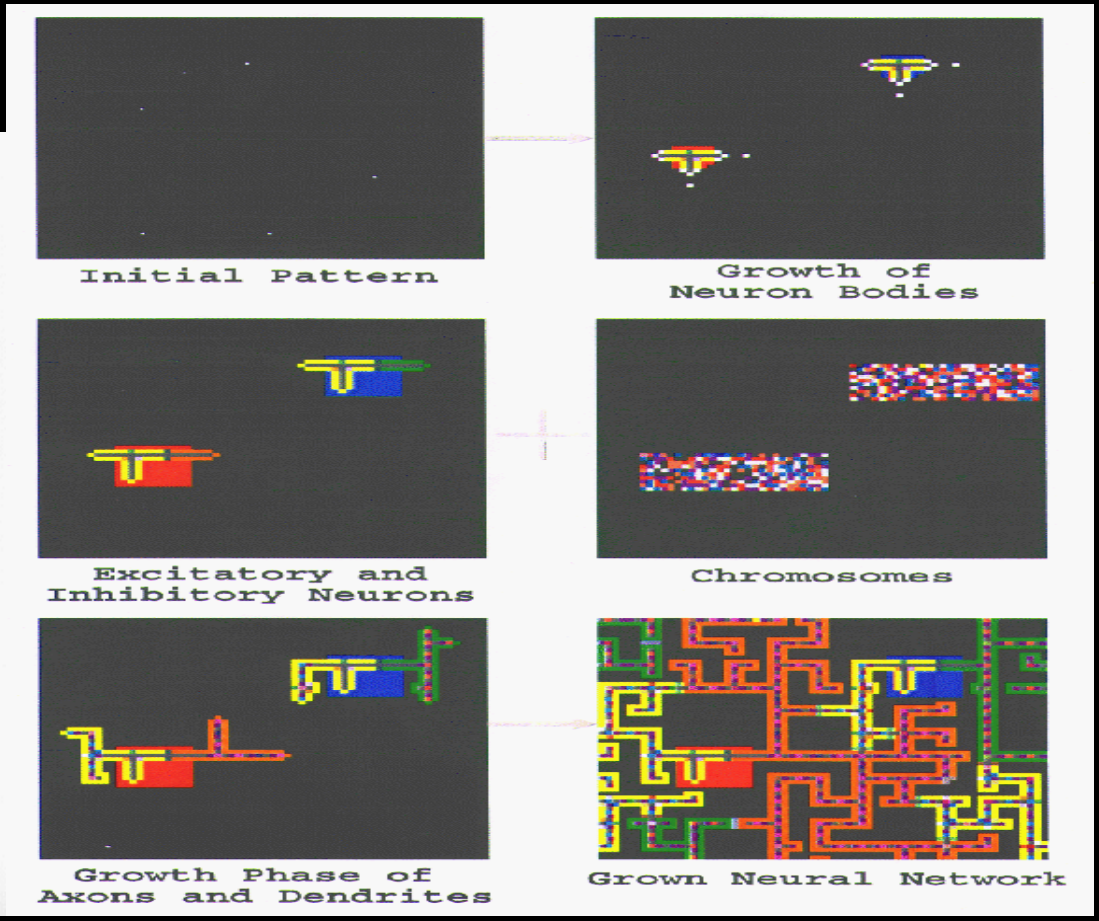
- Biological Algorithms
- Scalable Computing Fabrics



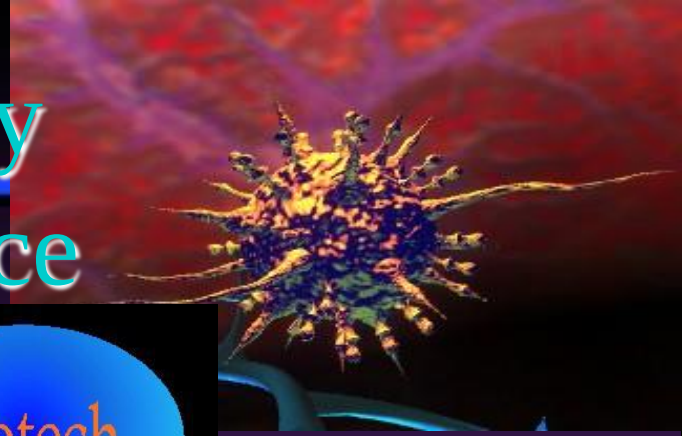
Example Technology - Self Evolving "Artificial Brains"

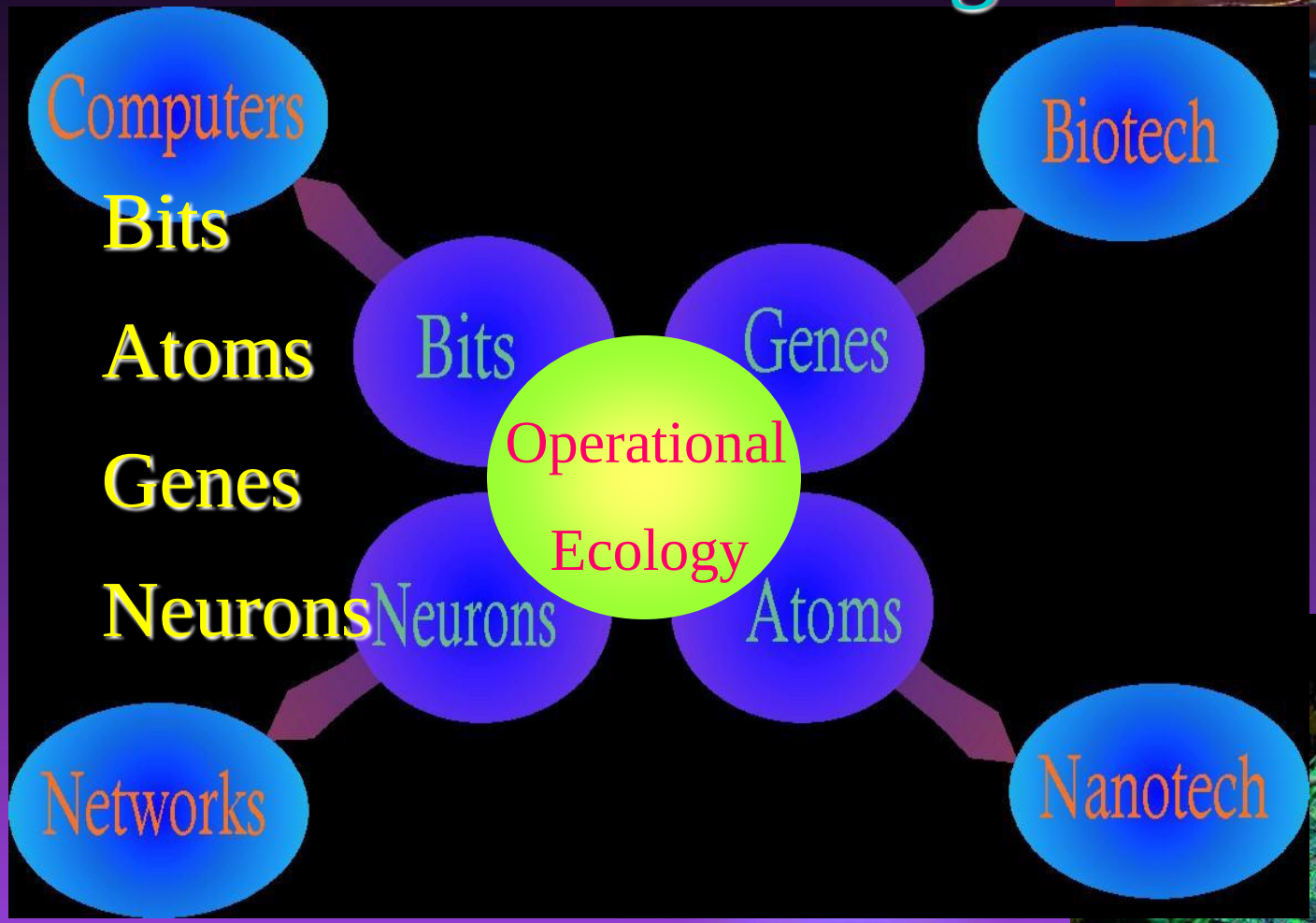
- Evolutionary Computing
- Artificial Life

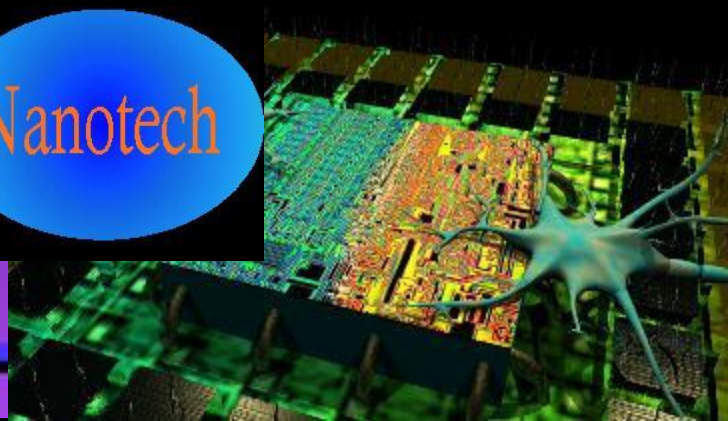


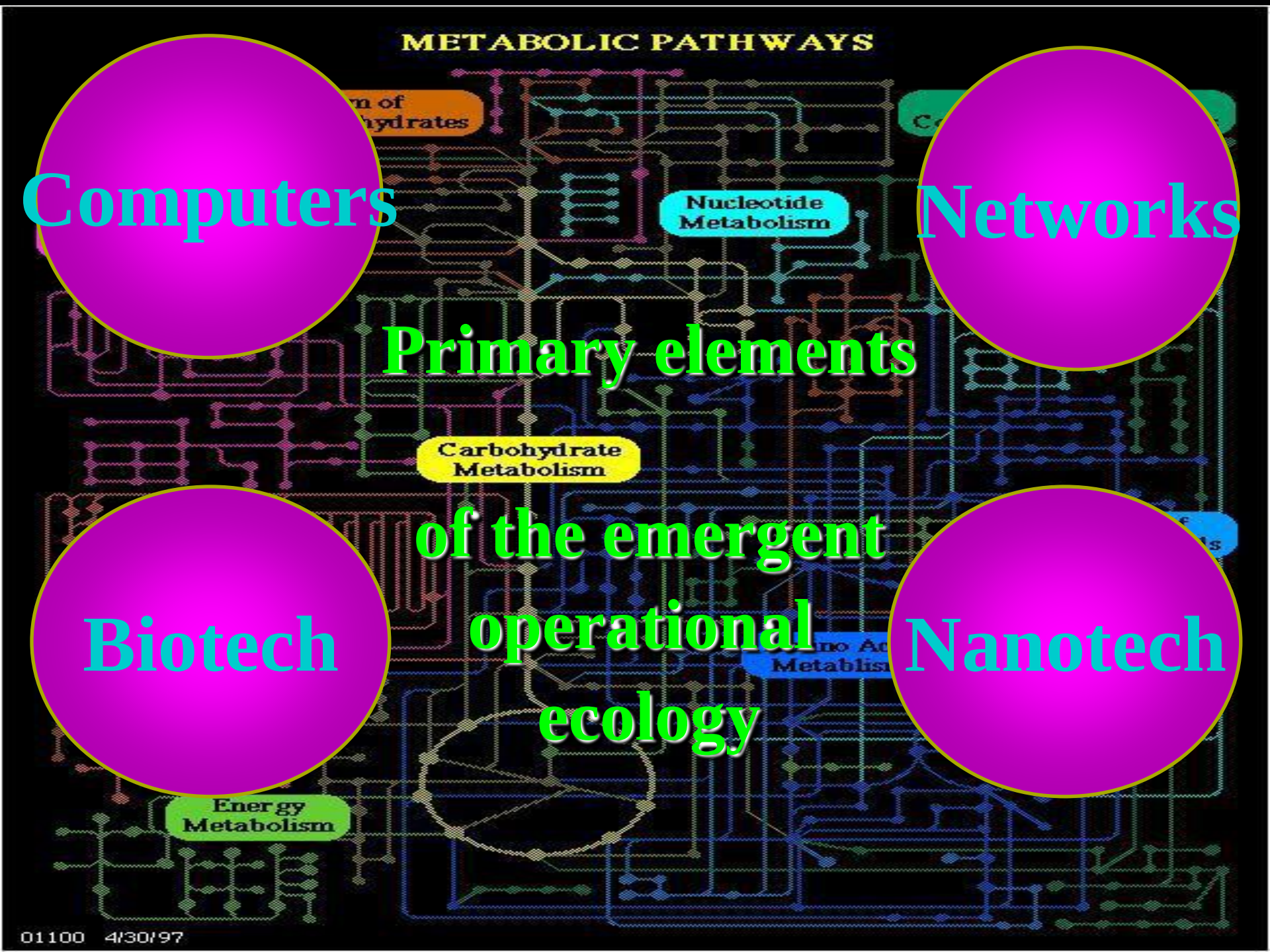


Operational Ecology
Process Convergence









Computers

Networks

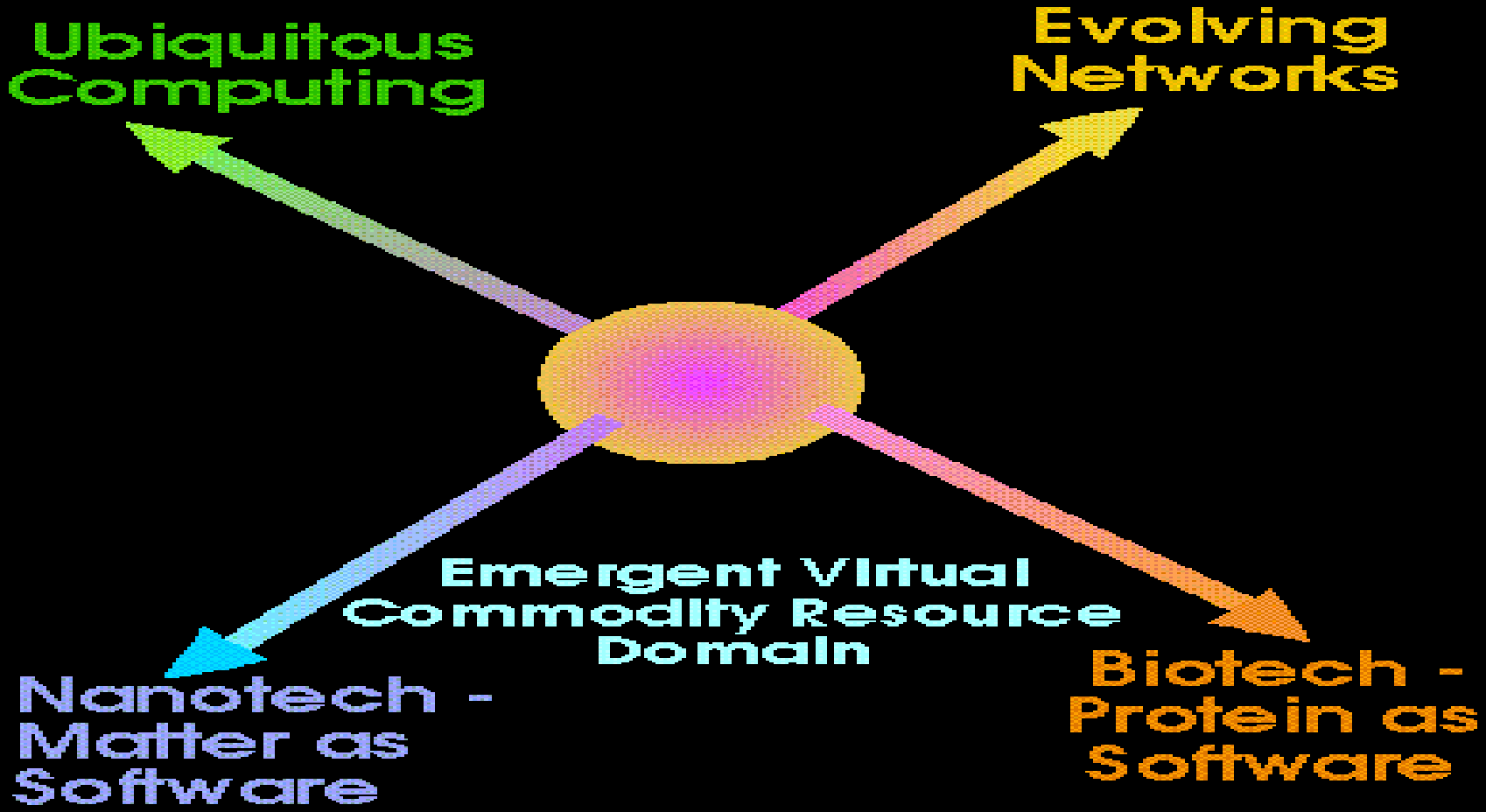
Primary elements

of the emergent operational ecology

Biotech

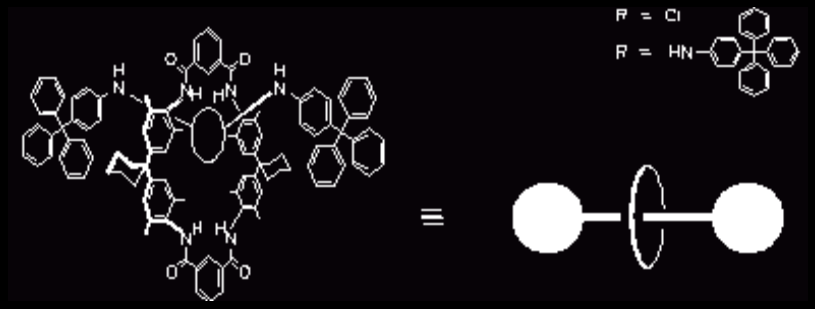
Nanotech

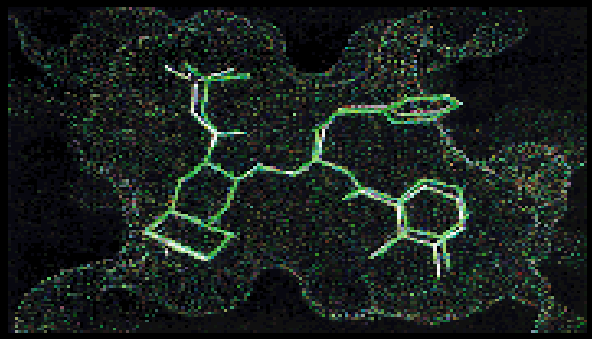
Primary Vectors of the Emergent Operational Ecology



Convergence Syndrome Outcome

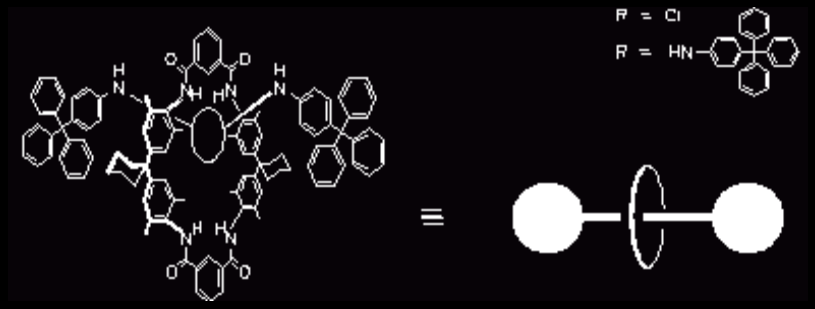
- It is here, at this evolutionary eventhorizon, that we, the human species, evolve into a realm where the interface boundary between the real and the virtual, the organic and the synthetic, become seamlessly infused into an ever evolving symbiosis of our own creation, and what evolves henceforth.

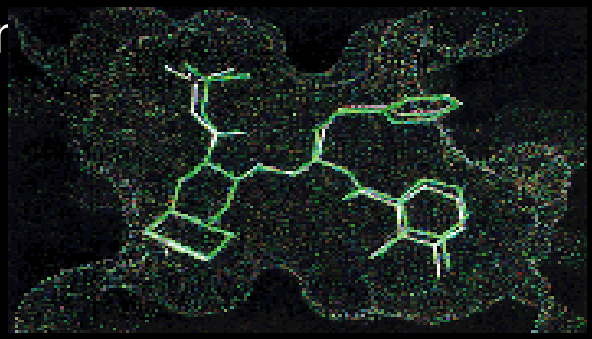




Convergence Syndrome Outcome

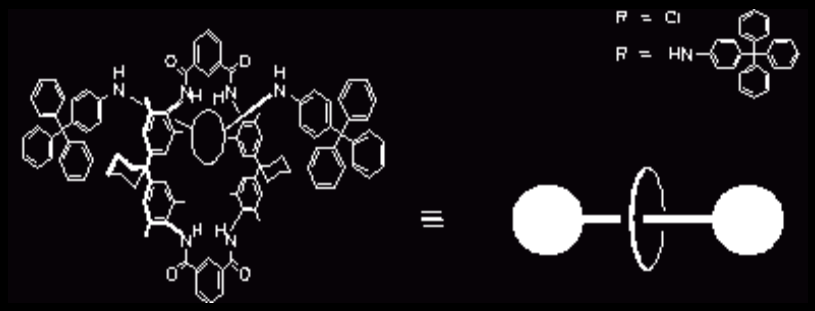
- As a process node embedded within the eventstream of our collective socio-economic, anthropological, and biophysical evolution, we begin first by spawning various synthetic entities. These become synergistically co-dependant organelle sub-components of an evermore complex, telecommunications centric process brokeraging infrastructure upon which the economic engines of our current civilizatior

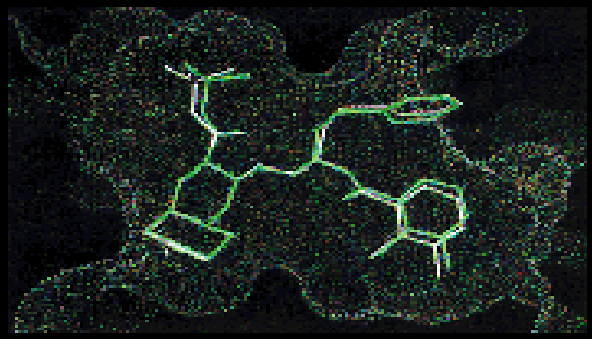




Convergence Syndrome Outcome

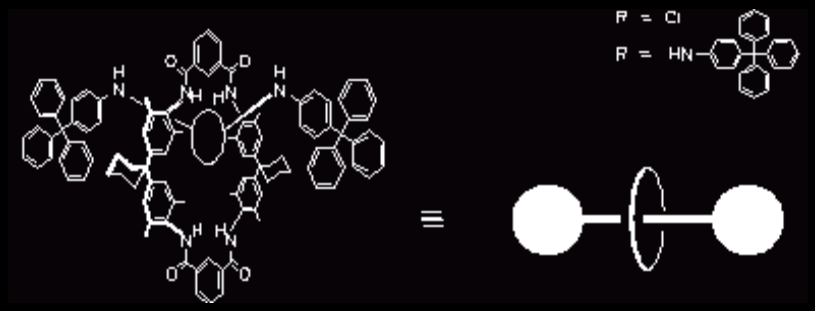
- Self organizing networks, process elements, and molecular substructures become the core organelles for synthetic brain engines, which in turn become the “physical” components for enabling synthetic sentience rendering as a process deliverable, enmeshed into a functionality manifold of symbiotic co-existence.

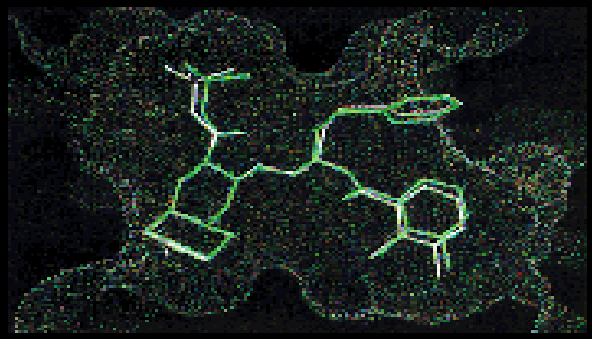




Convergence Syndrome Outcome

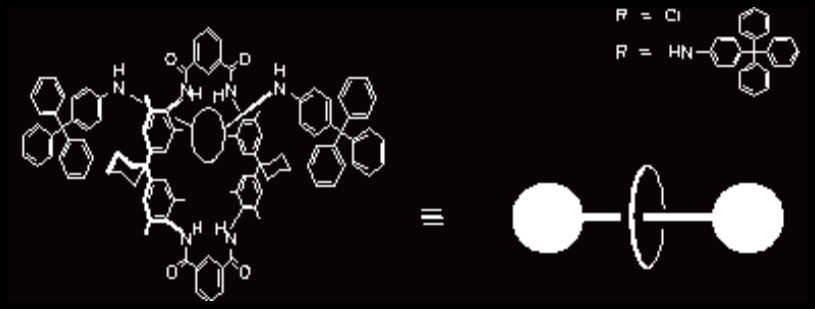
- Synthetic brain engines, which themselves are facilitated as nano-manufactured synthetic organelle components, become interconnected into the ubiquitous process brokeraging operational ecology.

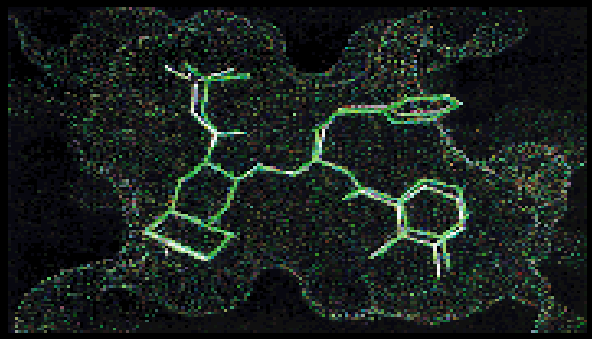




Convergence Syndrome Outcome

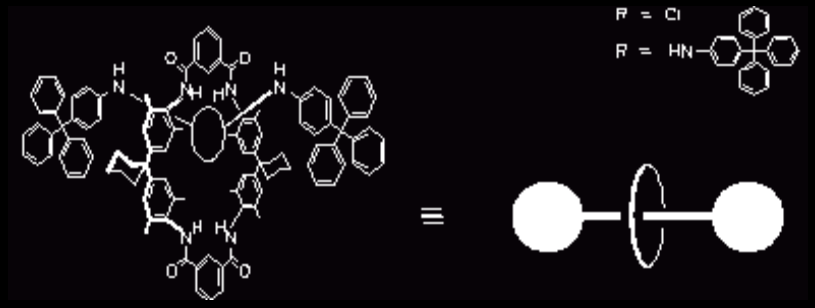
- The existence manifold of the human inhabitants, enmeshed within the symbiotic tissue substrate of the ubiquitous connectivity grid, is consumated by the implementation of direct interface “process linkage”, in which the perception of the real and the virtual become interchangable, and eventually, imperceivable.

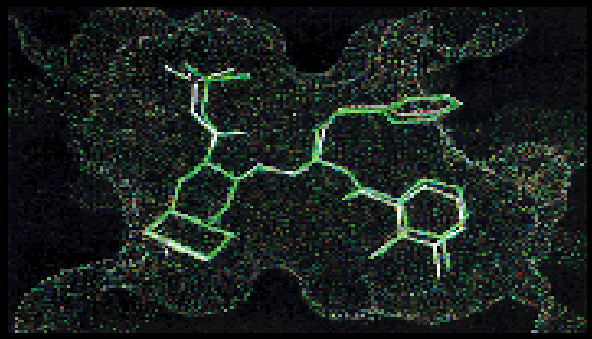




Convergence Syndrome Outcome

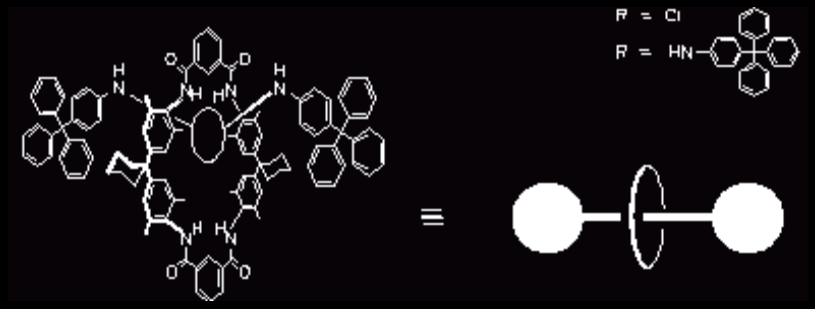
- Tangible, hard asset based commodity driven economic systems become supplanted by a virtual asset based economic ecology, in which valuation is measured less by ownership of physical things, more by access to processes. Synthetic sentience, and “tele-existence streaming” for on demand nano-assembly, become indices of valuation.

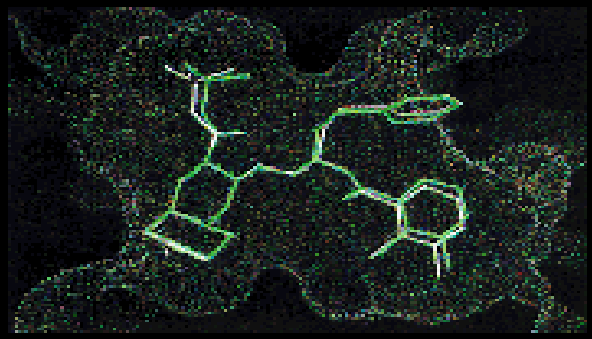




Convergence Syndrome Outcome

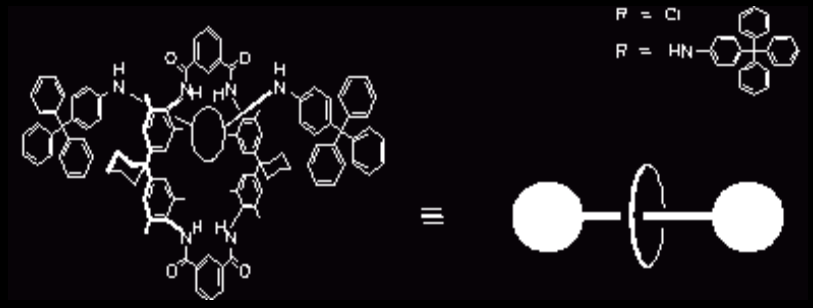
- Our collective development and deployment of complex metasystems of artificial entities and synthetic lifeforms, and acceptance of such becomes the “culture norm” of the near future. This is in fact the precursory developmental increment, as an evolutionary enabling threshold to communication with alternative intelligences, virtual and real.

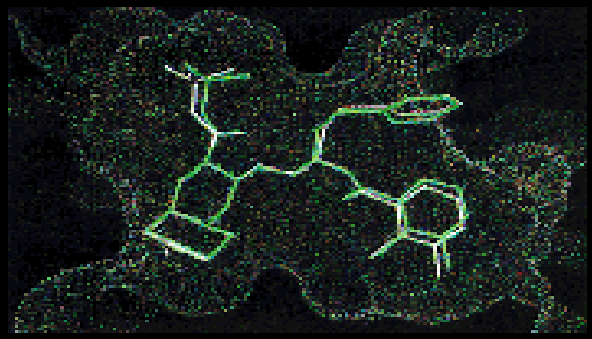




Convergence Syndrome Outcome

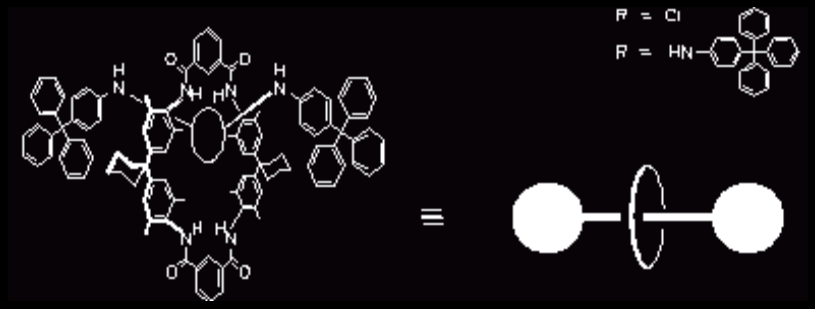
- Our collective development and deployment of complex metasystems of artificial entities and synthetic lifeforms, and acceptance of such as the “culture norm” of the near future, is in fact the precursory developmental increment, as an evolutionary enabling threshold, to communicative access to species (virtual or real), from worlds other than our own.

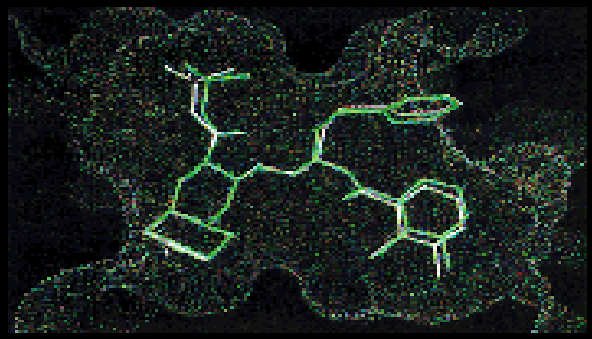




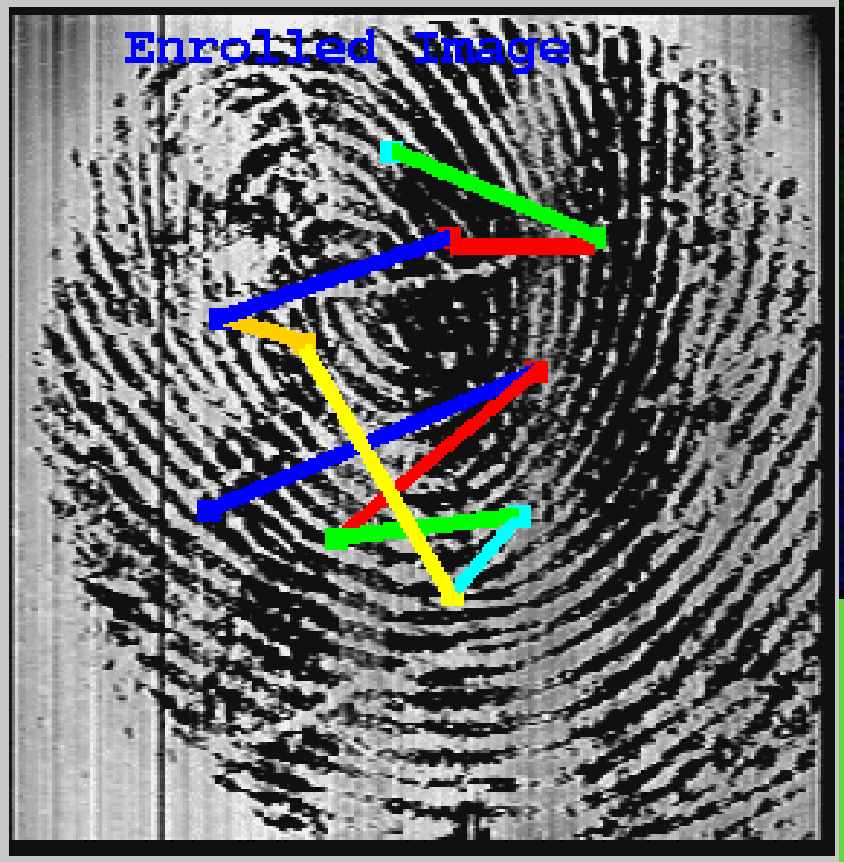
Convergence Syndrome Outcome

- The next evolutionary developmental increment will be access to the quantum realm, as a byproduct of applied nanotechnology. This is the enabling threshold to hybrid forms of consciousness on a mass scale, the evolution of the “empathic web”.





Biometric Recognition



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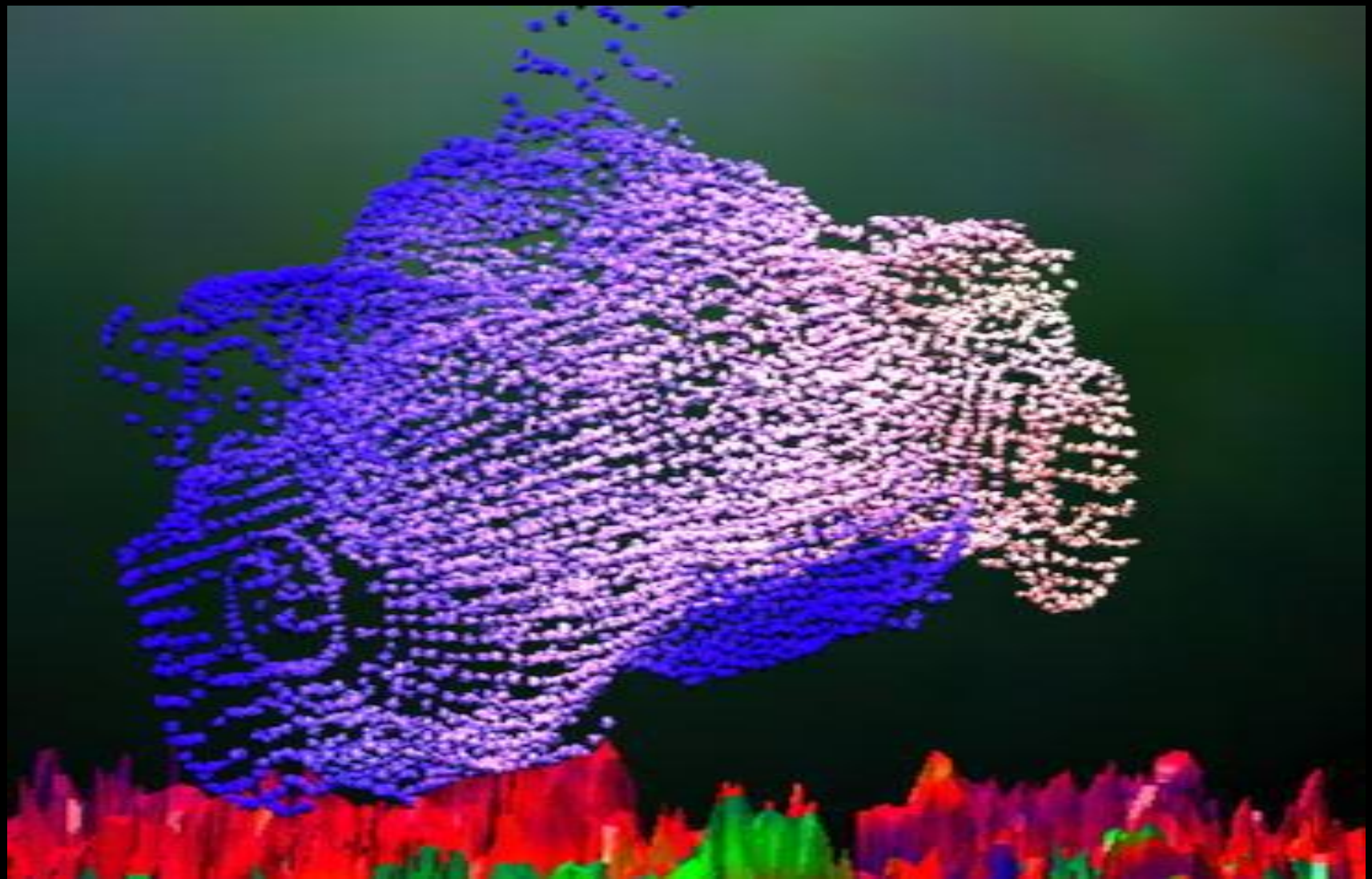
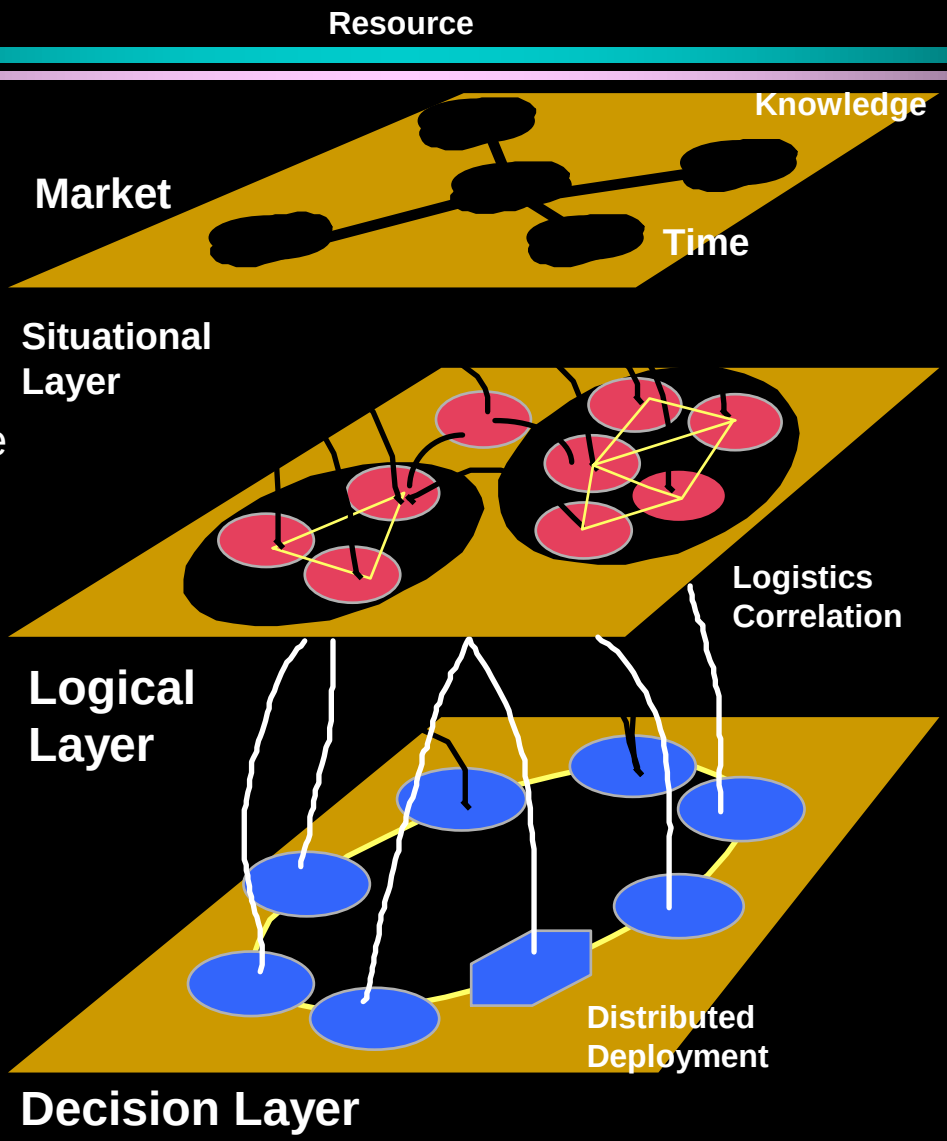
Hybrid Lifeforms - Self Organizing Systems



Decision Rendering Process Map



IT Resources & Infrastructure
- Data / Knowledge Services
- Process Integration
- Workflow Management

FUNCTIONAL MAP - Conceptual partitioning of functional domains

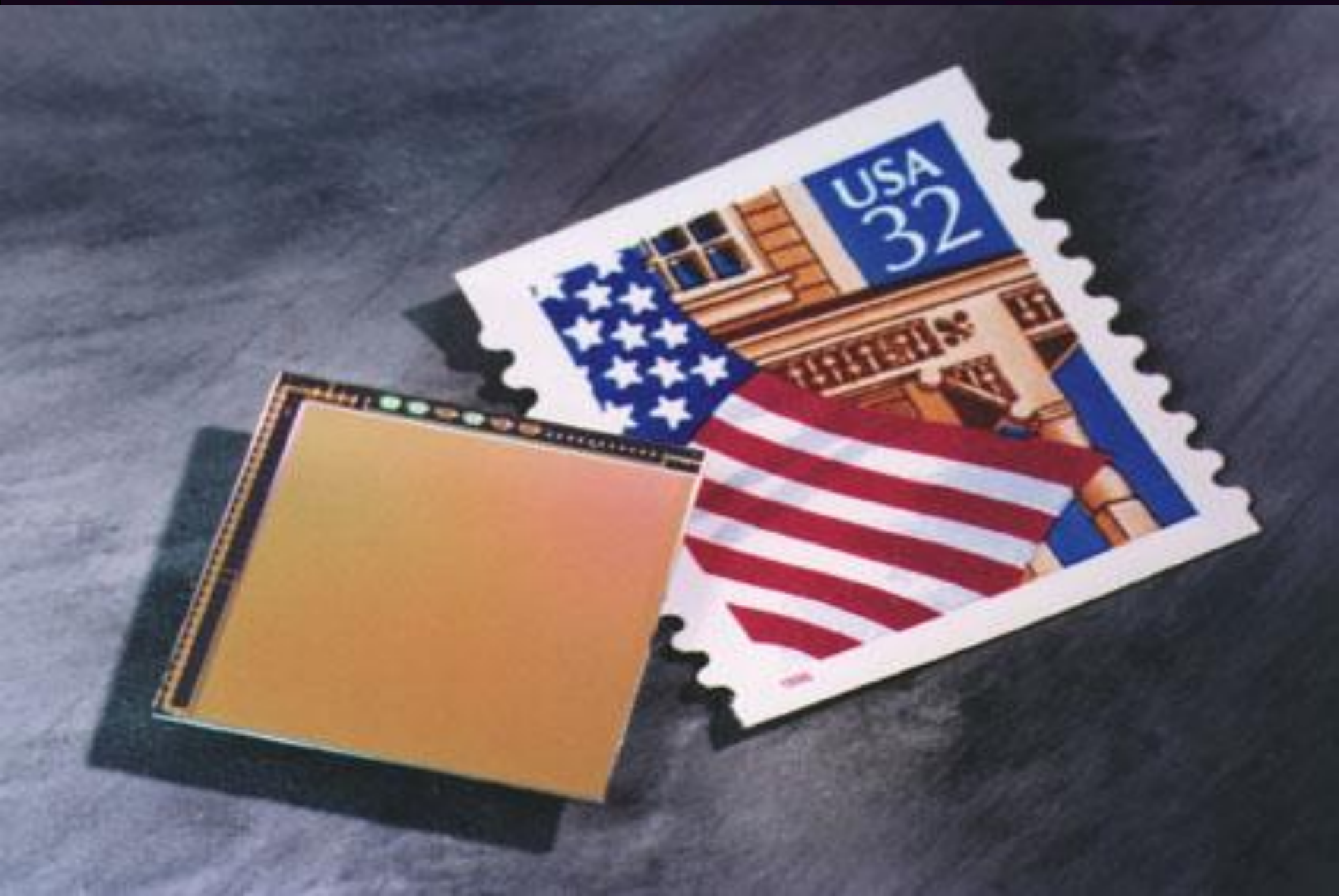
LOGICAL MAP - Functional partitions are separated into localized “process domains”

DEPLOYMENT MAP - Process domains are mapped onto distributed deployment sectors.

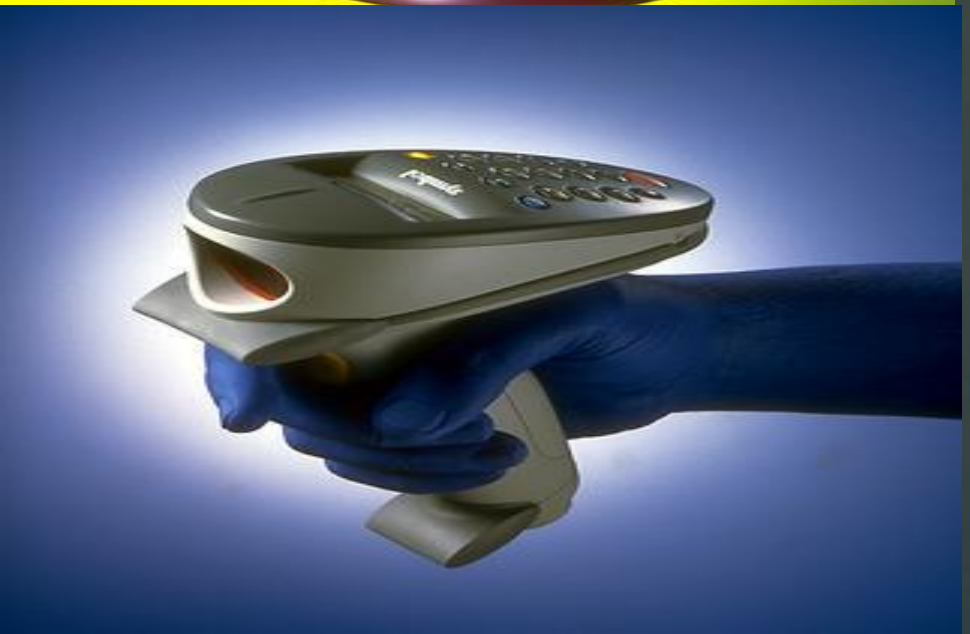
Virtual Humans - This is “Sylvie”

- She can market products, be a secretary, a help aid
- She can have any face, a programmable personality
- She is a connection interface to a higher, scalable intelligence

Smart Sensors Everywhere



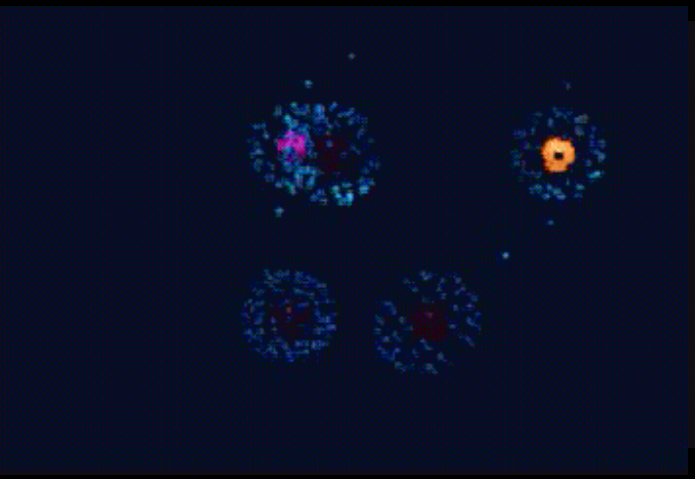
Intuitive Devices

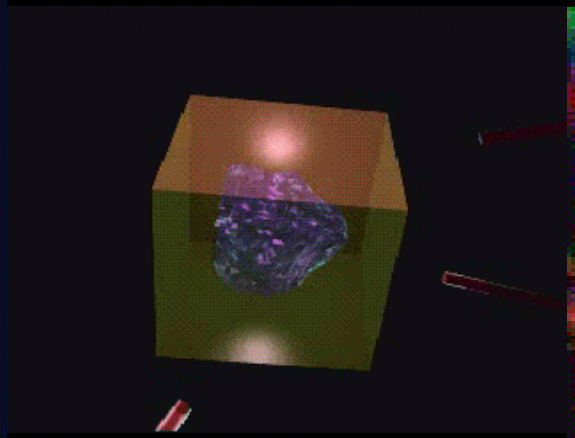


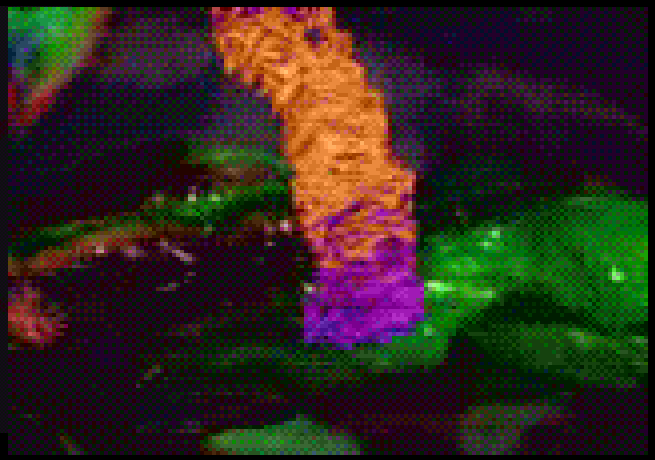
Ubiquitous Access Portals Everywhere - Wireless Embedded Internet Appliances

Major Technology Drivers

- Computing / Telecommunications > Operational Ecologies
- Medicine / Life Sciences > Bioengineering
- Fabrication Technologies > Nanotechnology

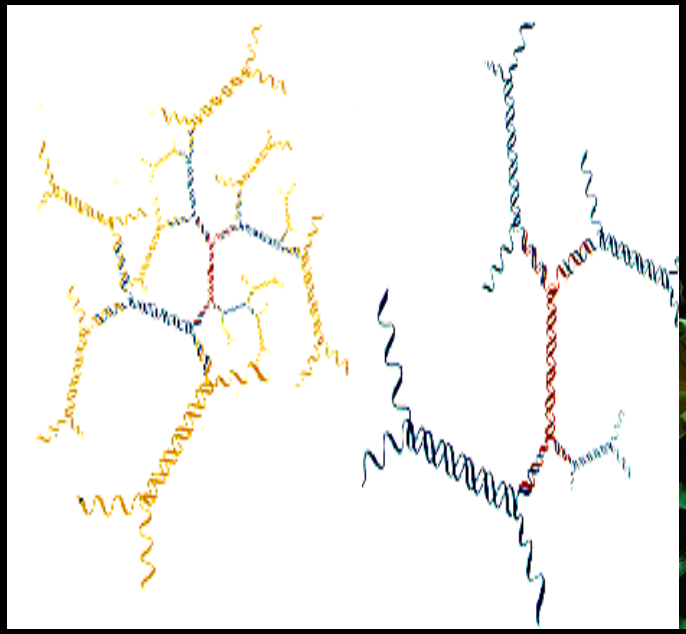


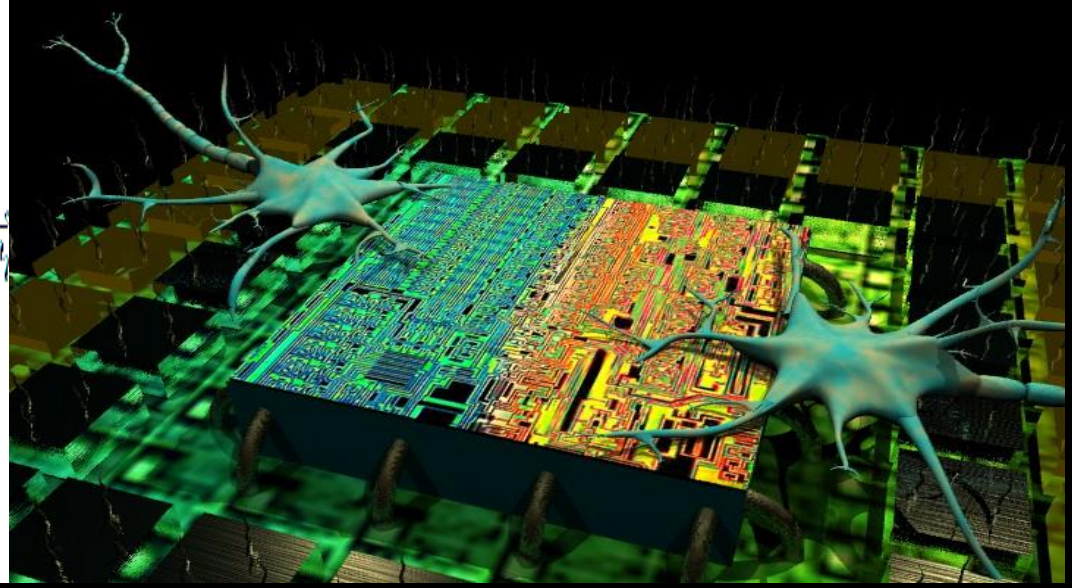




Life Sciences - Re-Engineering of Life Itself

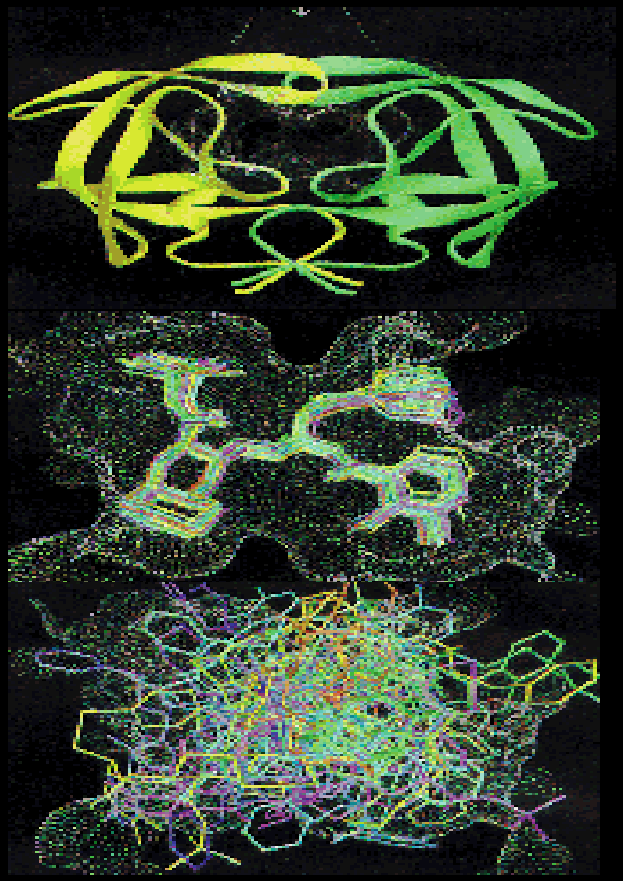
- Tele-diagnostics Technologies
- Implantable Integrated Biodevices
- Bio-engineeerd Organisms, Tissue, Organs
- Synthetic Recombinant DNA - Genopharmacology





Nanobiology - the New Medicine

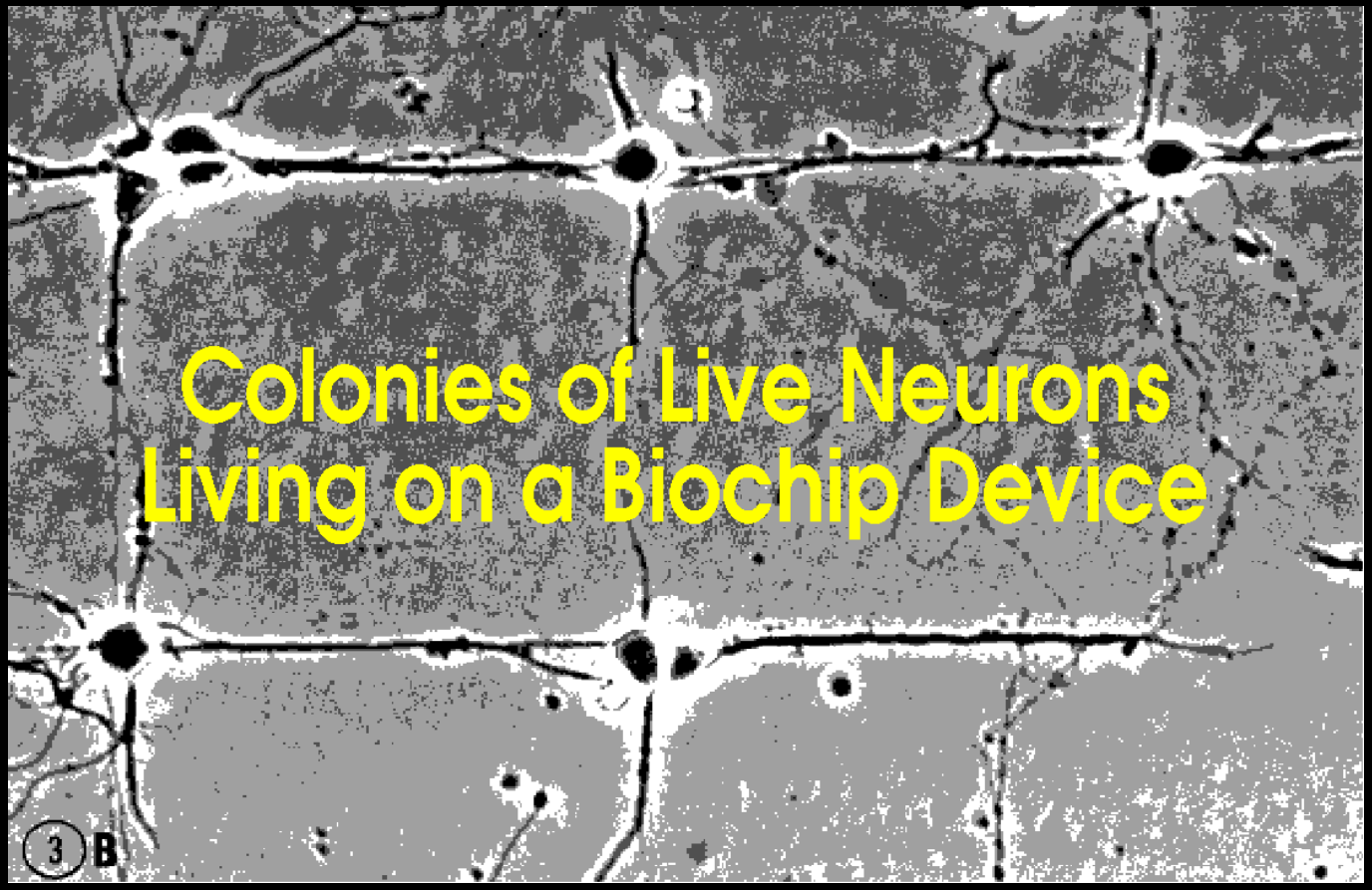
- Drug Discovery
- Genetic Therapy
- Synthetic Proteins
- Cellular “Reconstruction”



Cellular Cybernetics

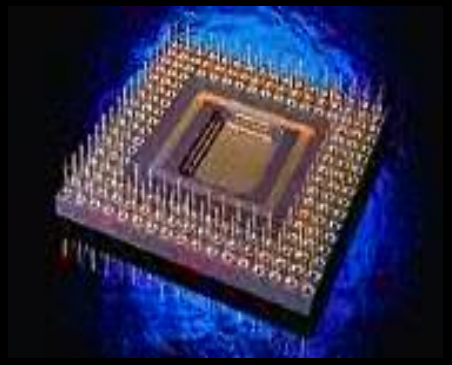
- Cellular Delivery Systems
- Enhancement / Repair Biodevices

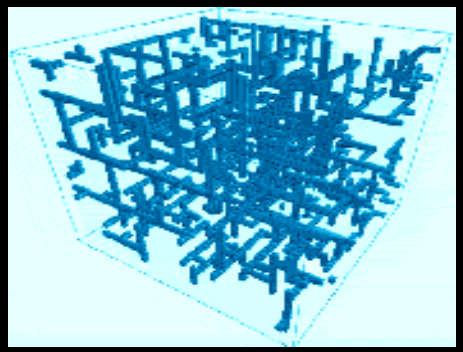
The New Frontier - Organic Merges with Synthetic

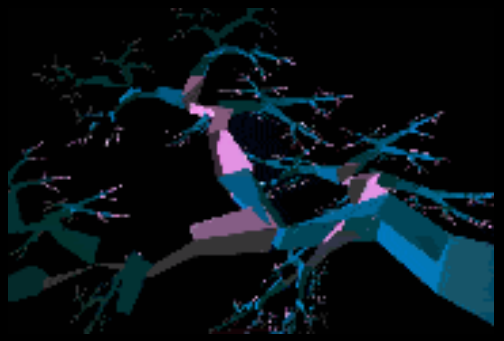


The New Economy - Virtual Asset Technologies

- “Gel” Ware
- Evolvable Systems
- Virtual “Intelligent Entites”
- Intelligent Agents and Agent Colonies
- Synthetic Sentience as a Strategic Resource

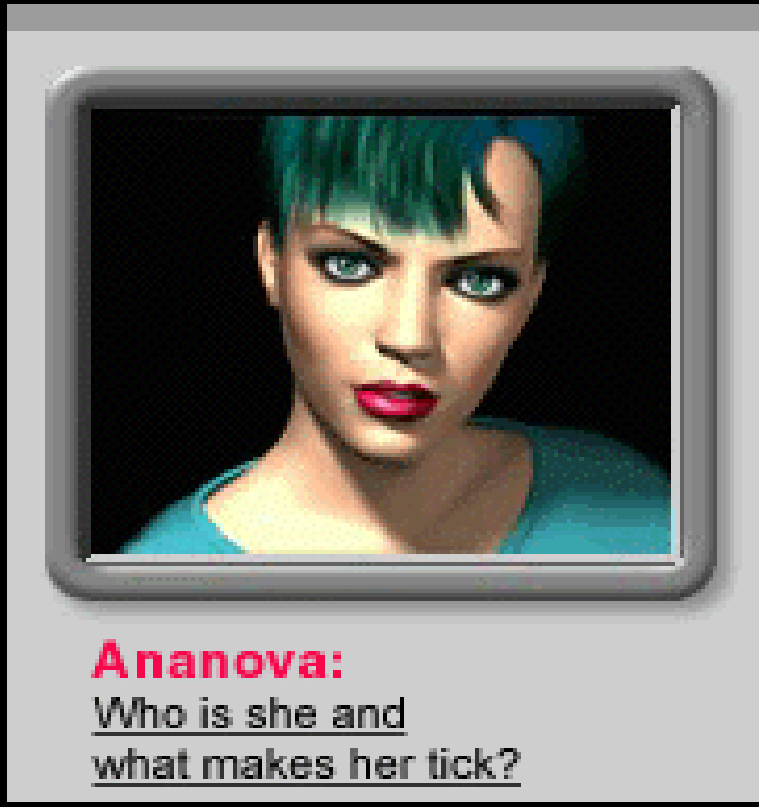






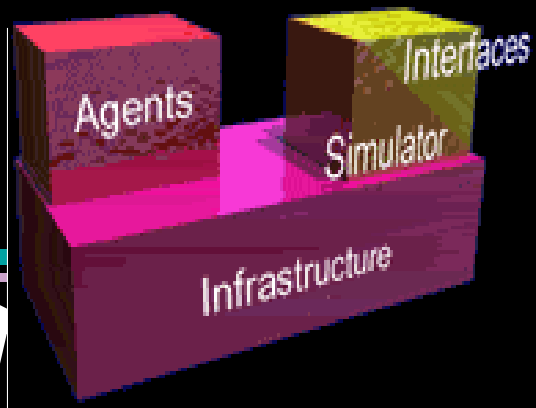
Evolutionary Eventstream Imperative

- Emergence of “synthetic entities” as a culture norm
- Crossing of an evolutionary eventhorizon
- Peer to peer tele-existence streaming
- Hybrid biological systems integration



“Virtual Human” Entity Interface

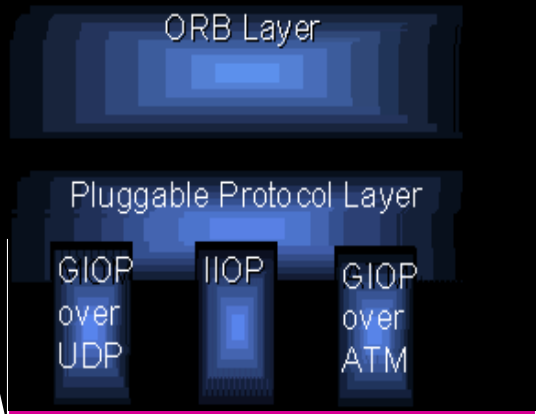
Ubiquitous Access Portals



Intelligent Agent Hierarchies

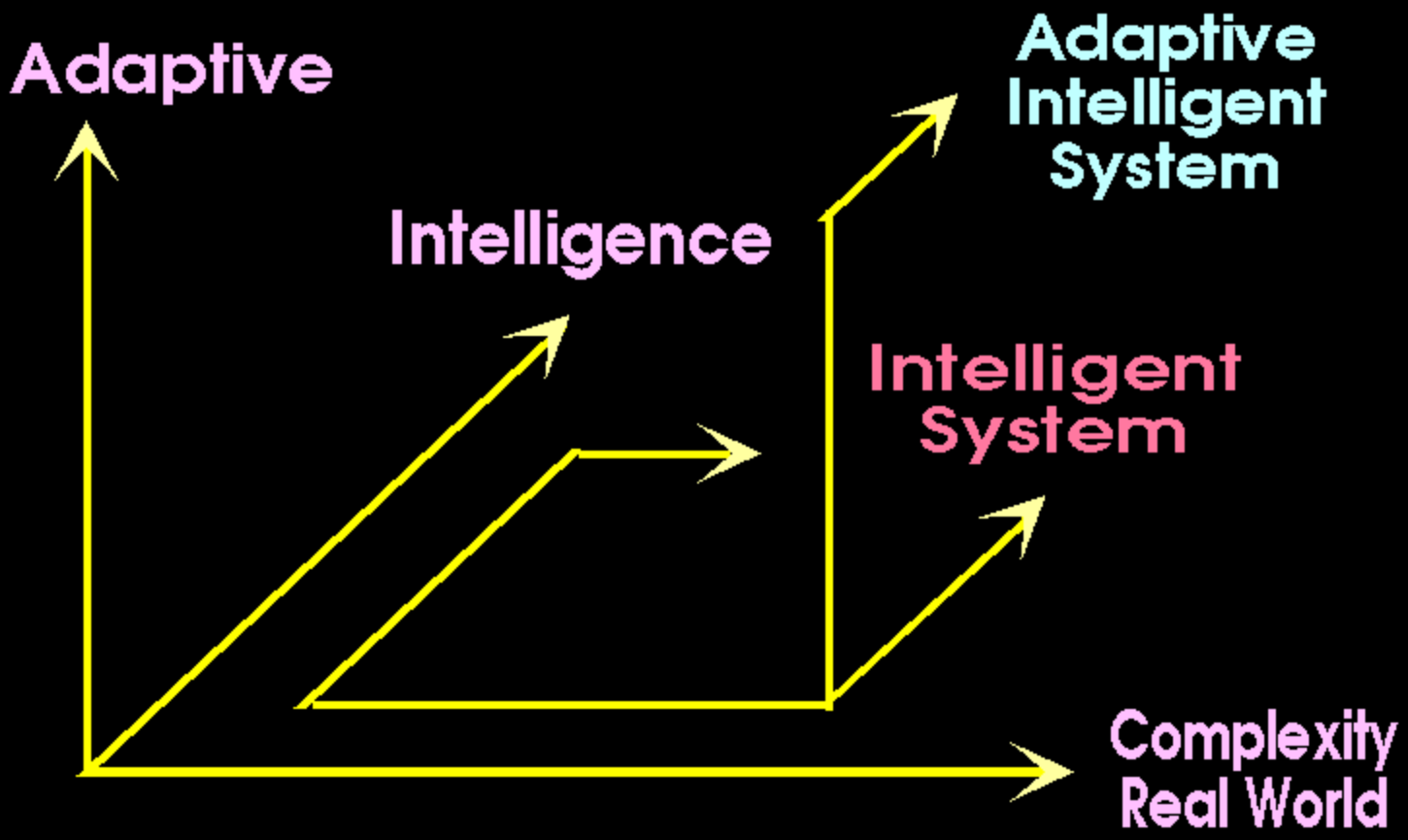
Smart Sensors Everywhere

Digital Process Convergence



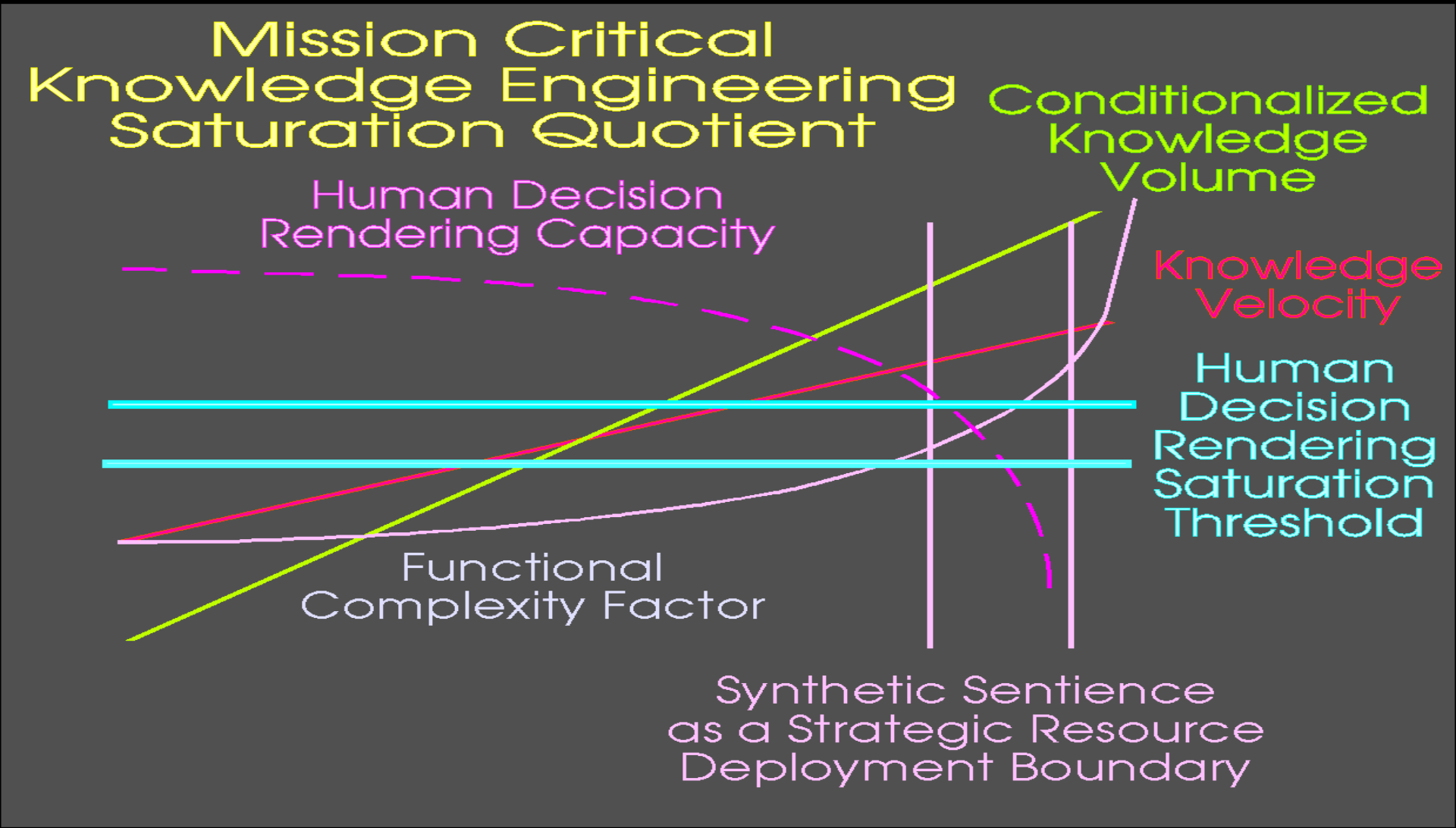
Process Brokeraging Architectures

Ubiquitous Distributed Adaptive Intelligence Resources



Adaptive Intelligent System Process Model

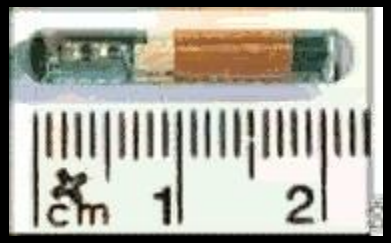
Synthetic Sentience Threshold - Strategic Resource

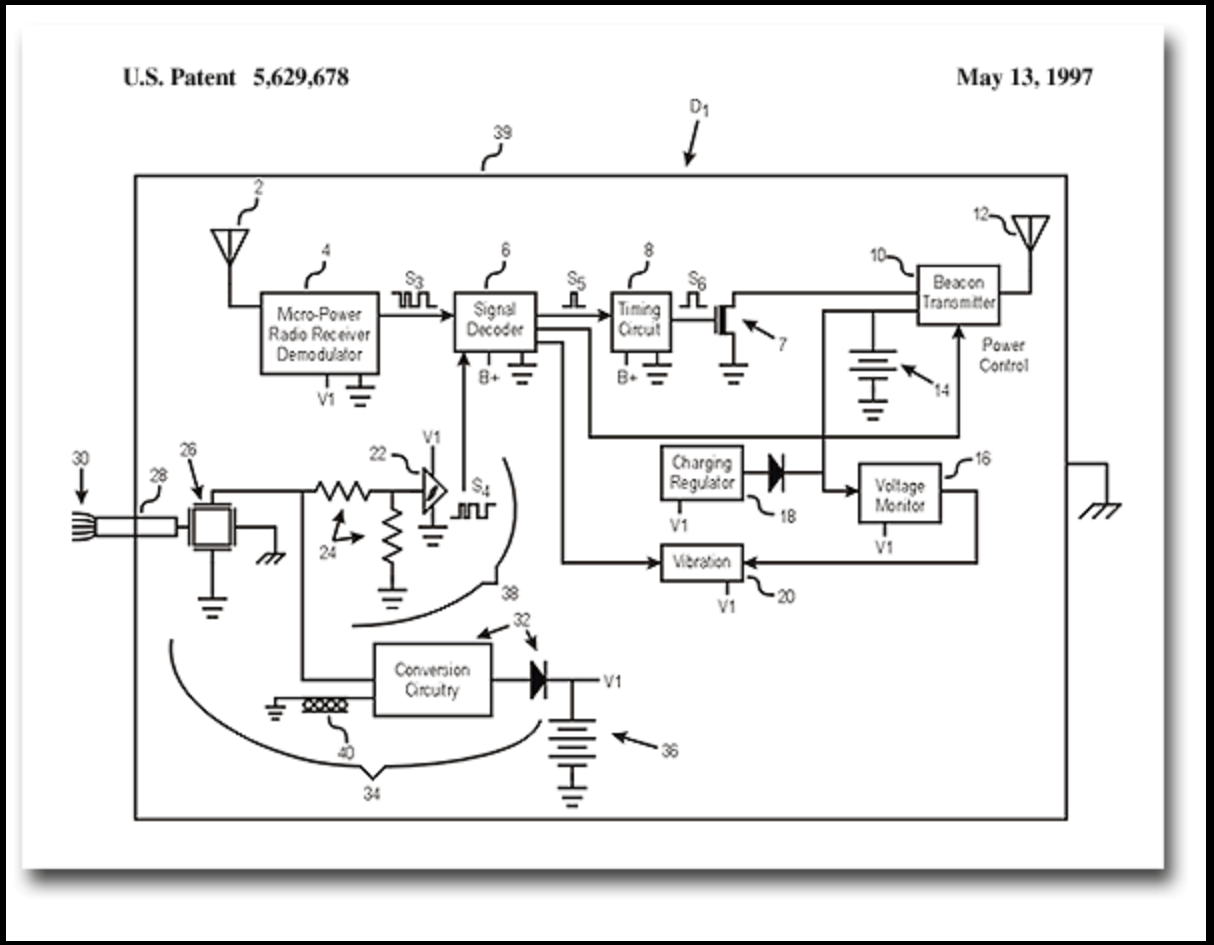


Ubquitous Distributed Access Portals

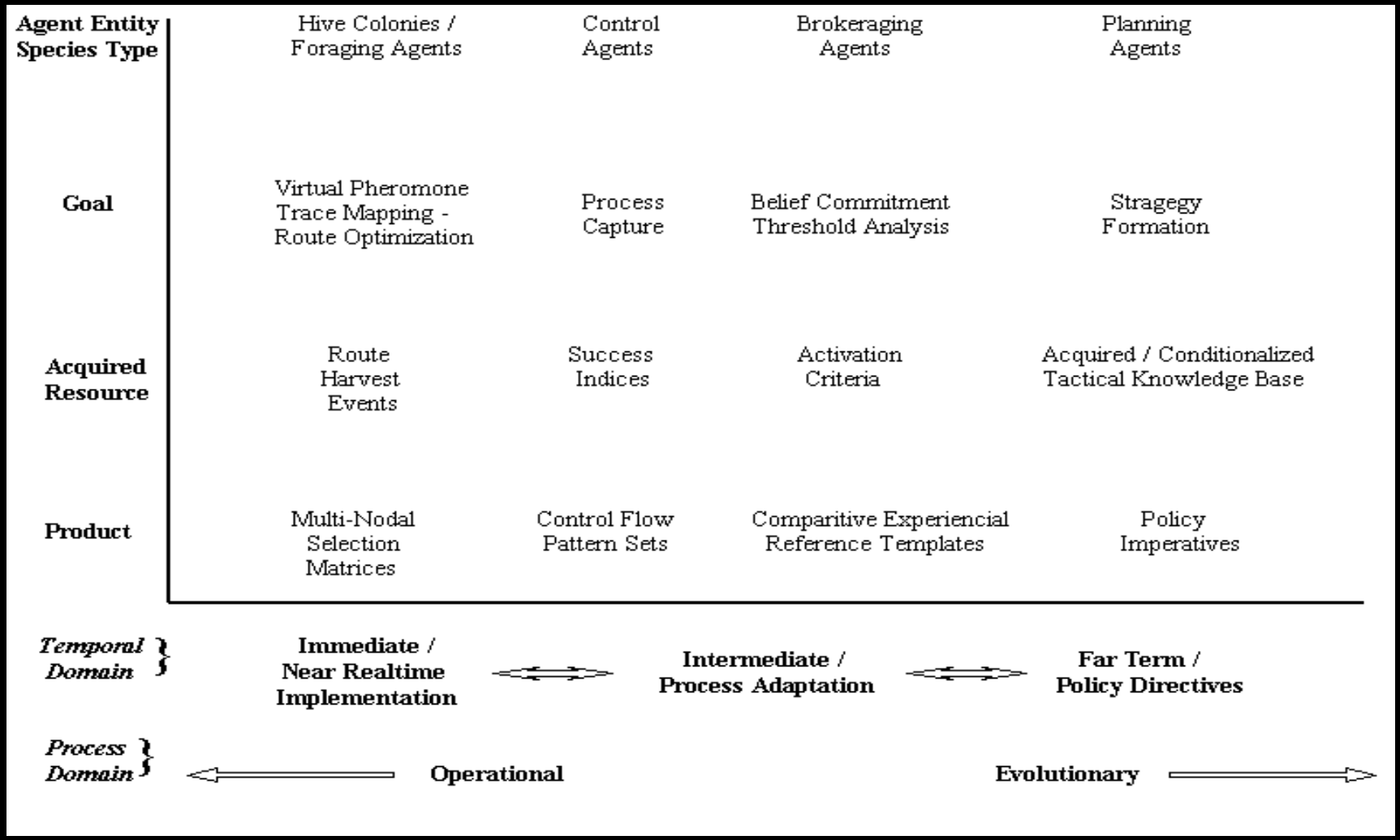
Ubiquitous Immersion

- Implantable biochip Example



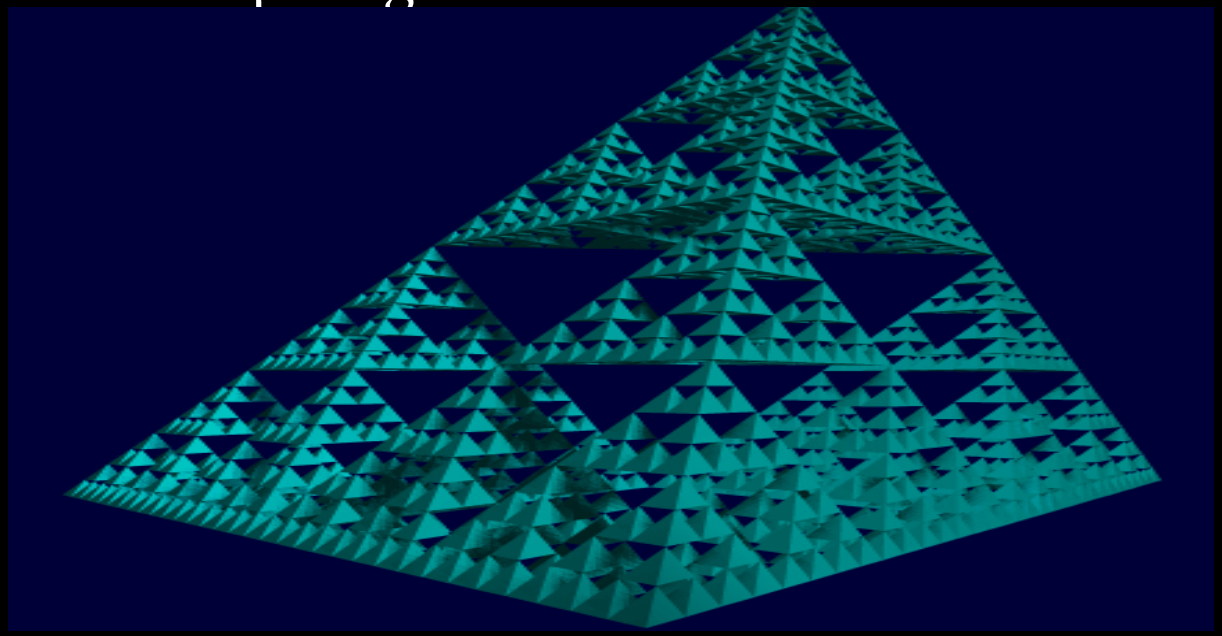


Autonomous Agent Hierarchy - Collective Organism Entity



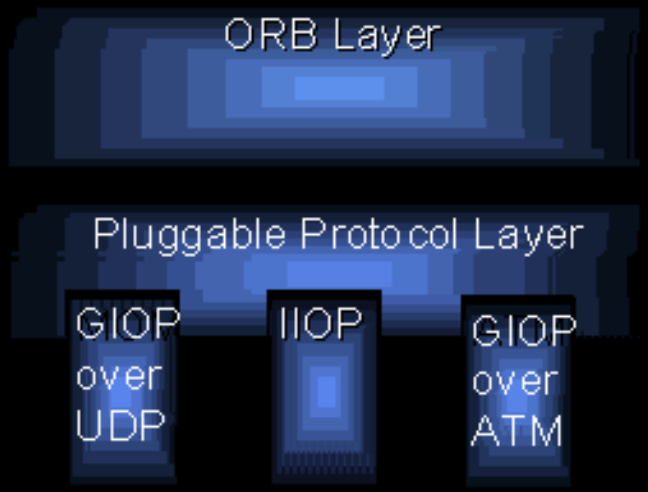
Human Internet Symbiosis Threshold - Seminal Markers

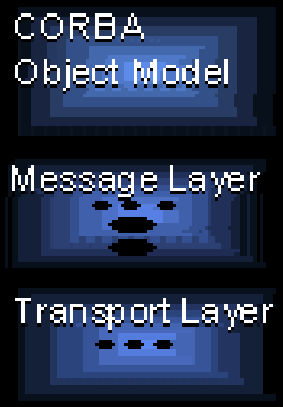
- Entities on Demand
- Psycho-Ergonomic Interface
- Object Oriented Organelle Nodes
- Biological Metaphors in Computing
- Ubiquitous Computing Fabric Immersion



Xenomorphic Organelles of an Emergent Operational Ecology

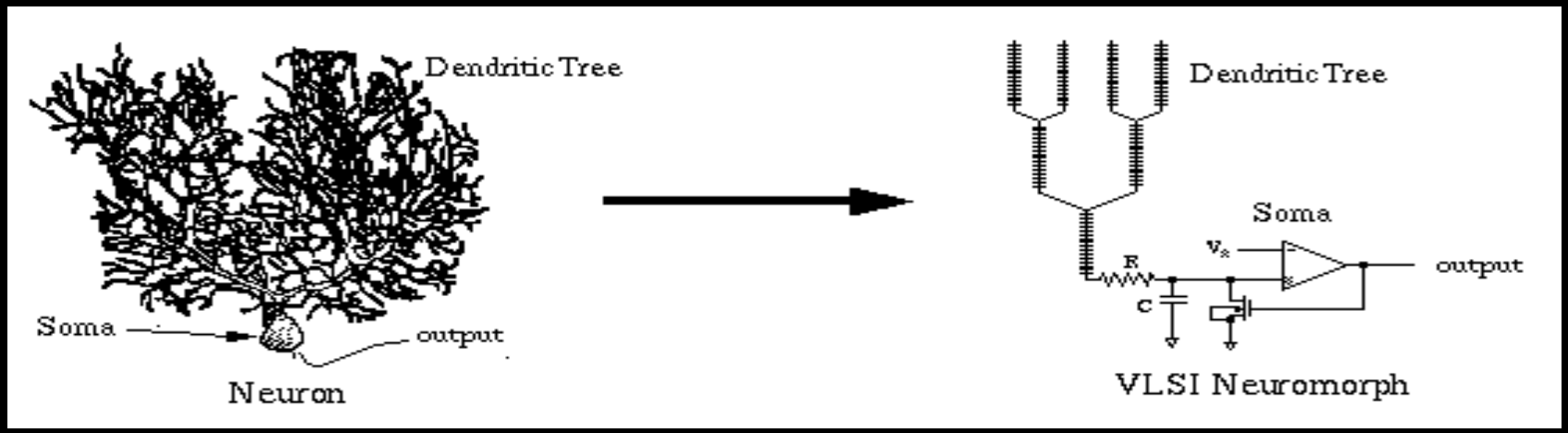
- “Soft” Hardware > Gelware
- Self Evolving System Substrates
- Contiguously Adaptable System Architecture



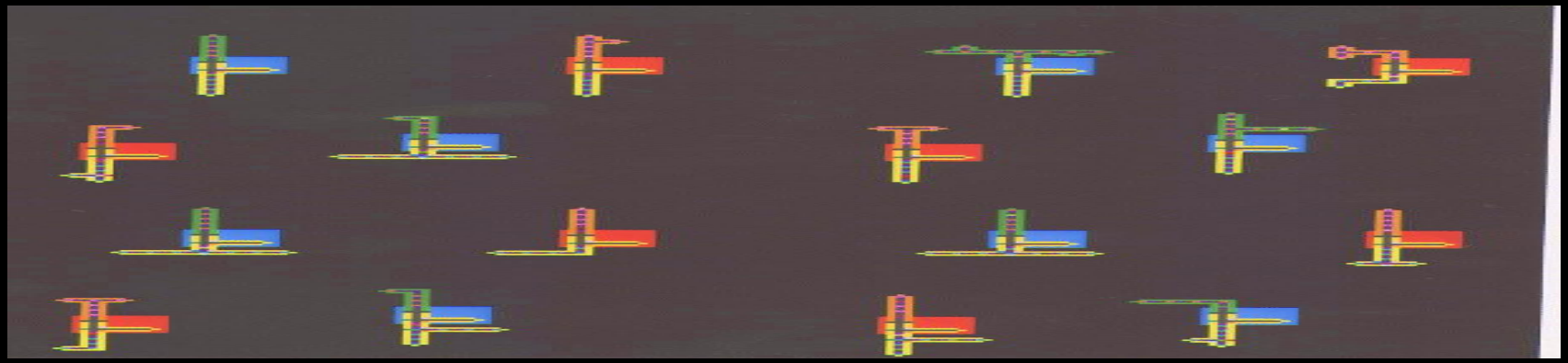


Artificial Life / Intelligence

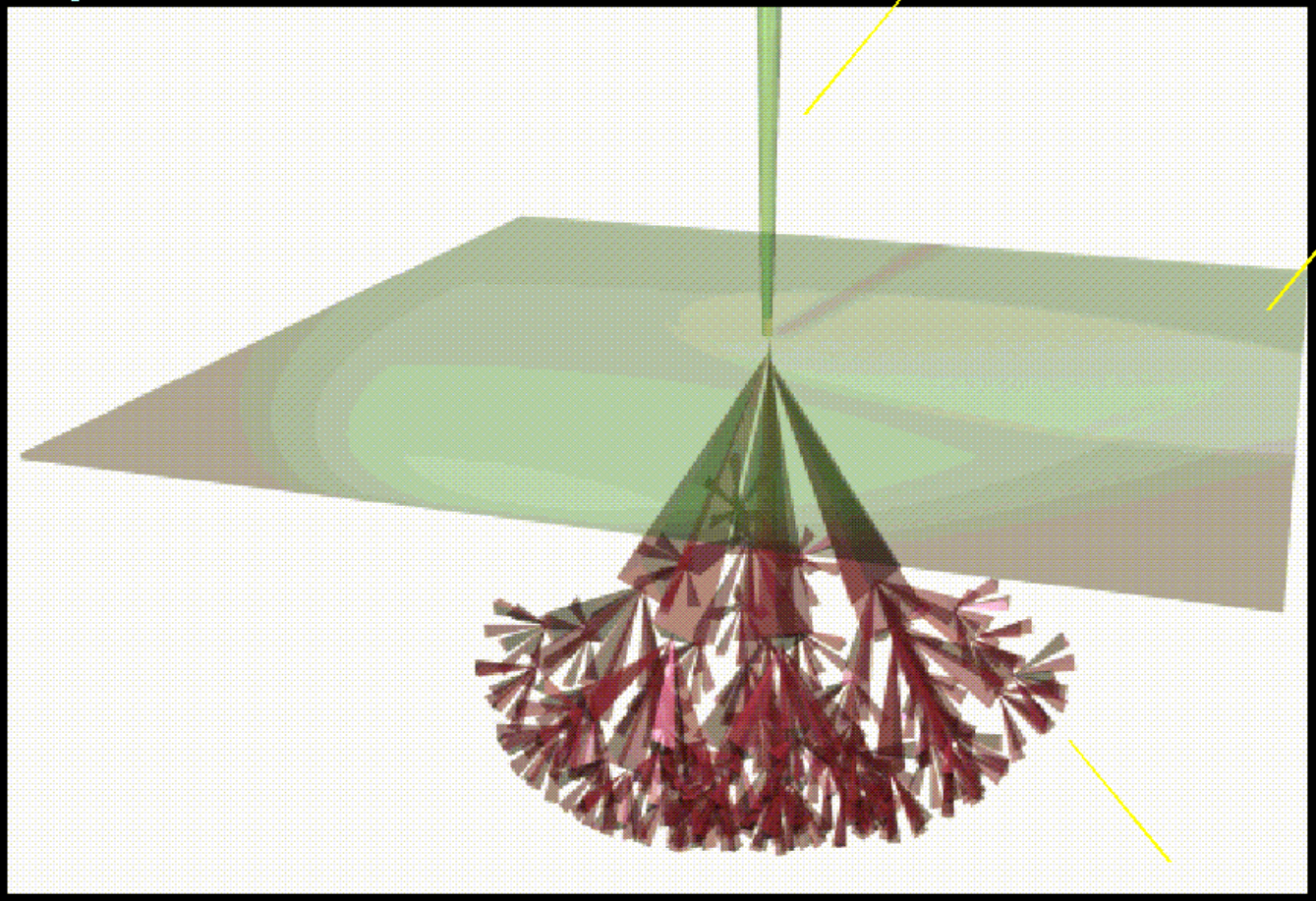
- This is a model of a synthetic neuron



- This is an actual, self evolving synthetic neuralnet

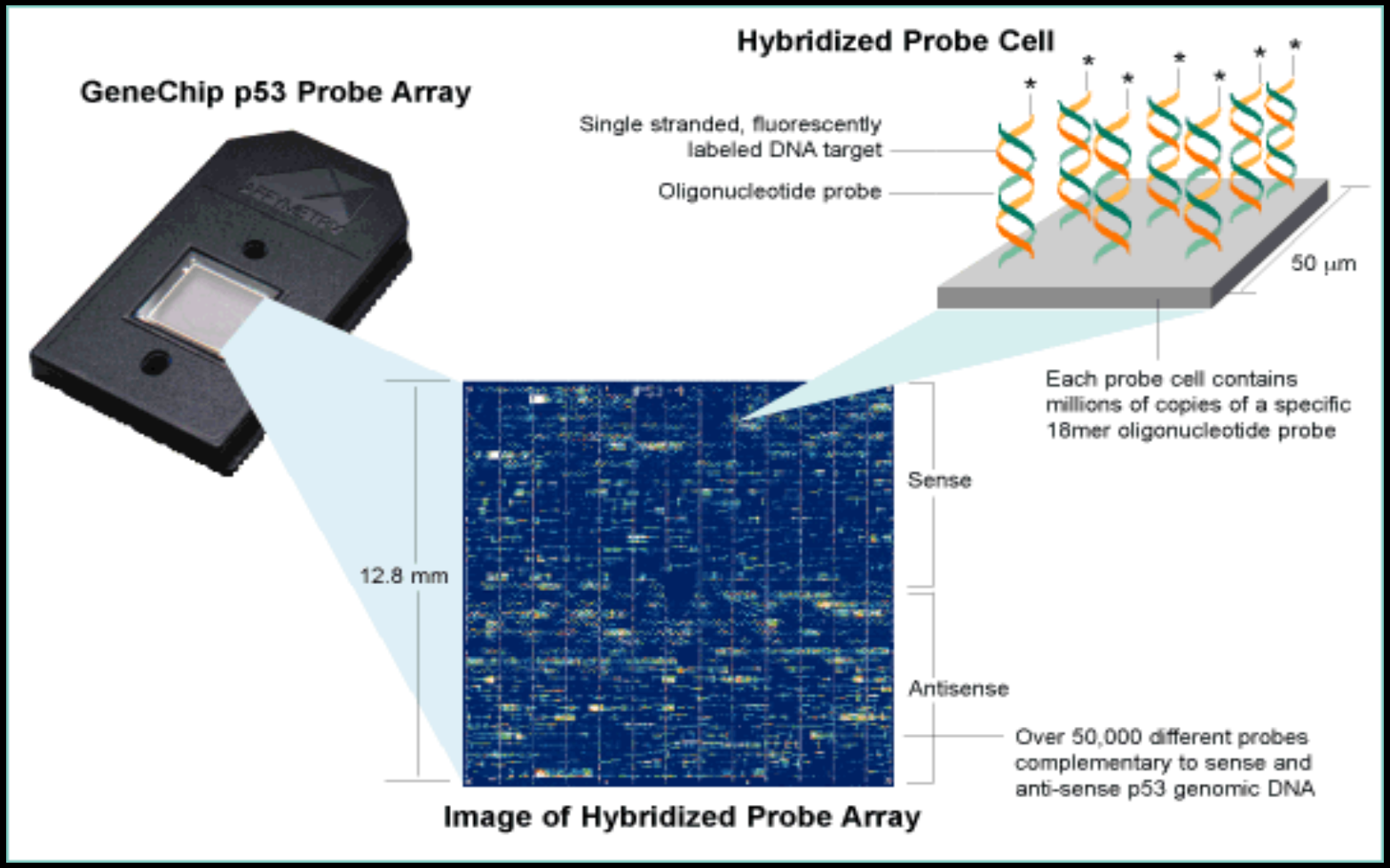


Collective Sentience Process Engine - Operational Xenomorph Process Dynamic



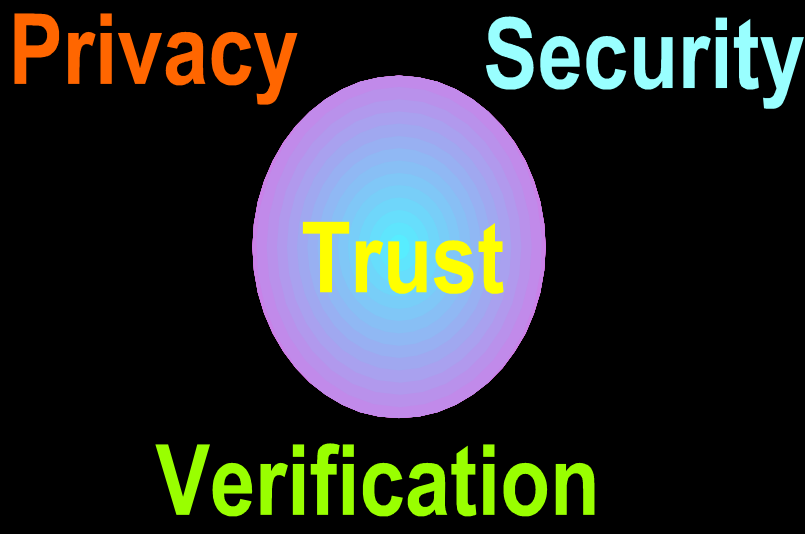
The Bio-engineering Revolution

- Affymetrix Genechip Example

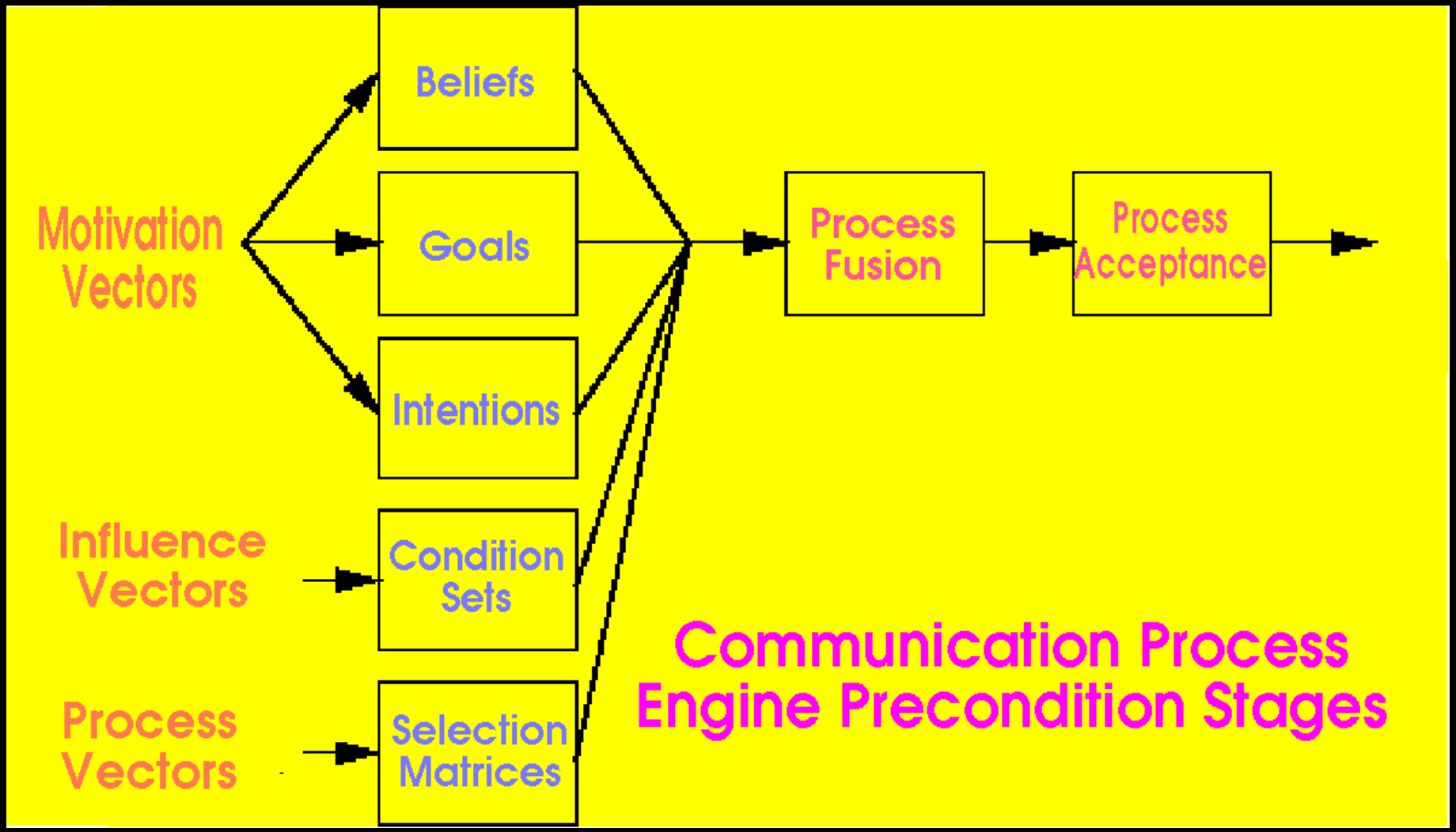


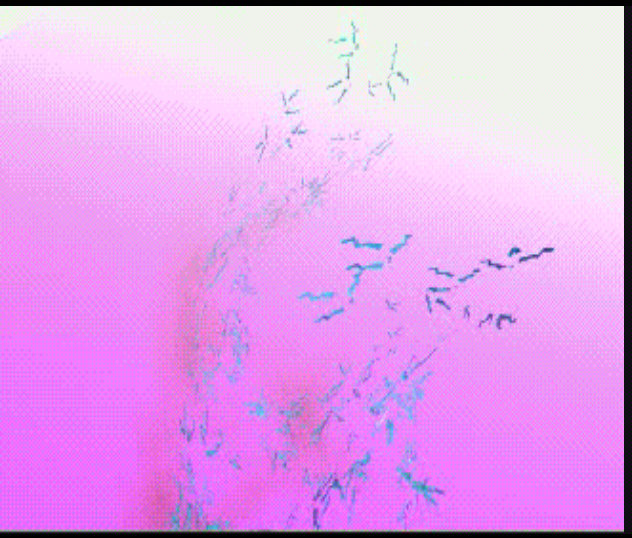
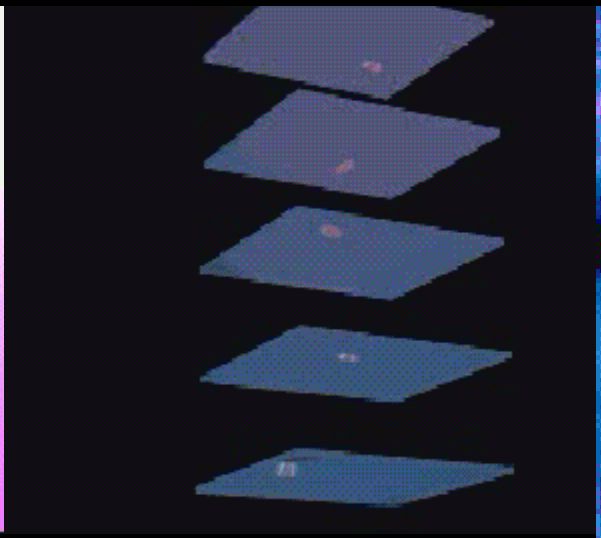
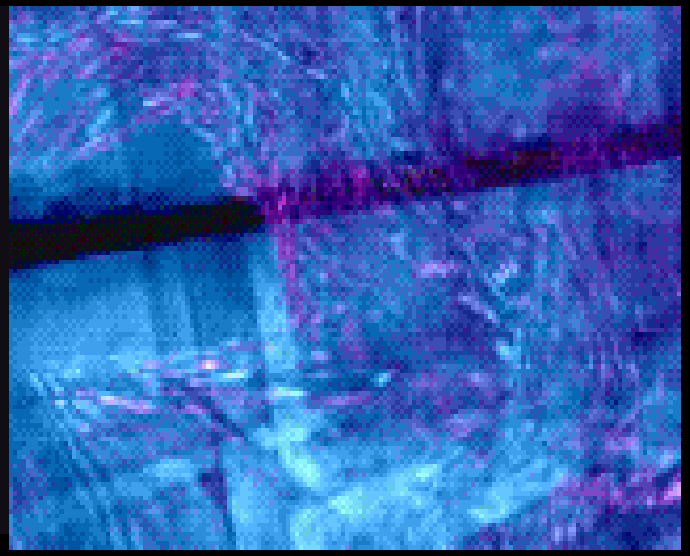
Cultural Imperatives

- Embedded Intelligences
- Integrated Lifestyle Management
- Ubiquitous Interactive Process Environment



Artificially Enhanced Complexity Management - Process Control



Convergence Outcome - Life is Redefined

- Biological Metaphors in Computing
- Immersion into the Ubiquitous Fabric
- Bioengineering - Life Itself Redefined