

Eight papers and eight books in progress.

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These are not necessarily final titles for publication. (Such titles as in bold, italic.)  
These do not include papers or books on other topics that are more relevant to applied systems, technologies, products (e.g., TETRAD work in energy and environment and personal/national security, papers for PITTCON and other conferences).

#### The Physics Papers

1. **Quantum relativity, gravity and the spatial (pre-space-time) nature of matter** (“Space-light”, QNRD)
2. Dynamic solitonic networks as a foundation of matter and energy
3. Emergent structure and process in the universe (space-time and matter as emergence from/through/by underlying quantum complex network processes)
4. **Quantum solitonic networks and the Standard Model** (from QR principles to the emergence of particles)
5. Inverse relations, cognition and the discovery of natural laws
6. **Topological and field-computational model for signaling and control in biological organisms**
7. **The problem of non-locality in a process-based universe** (quantum physics and also in biology and cognition (psychology))
8. The soliton as constant - new approaches to representation and change in mathematics and physics

#### Monographs and Books

- I. **Quantum Relativity – Process, Structure, Dynamics**
- II. **Terra Firma Economics and Finance - From Sun Tzu to Grey Wolf – A Reorganization of How We Think about Capital and Economic Security**
- III. Inverse Models, Abductive Reasoning and Psychohistory
- IV. Innovation, Invention and Implementation
- V. Ecosymbiotics in Energy, Health, Security and Politics
- VI. Solve et Coagula (The “Trilogy” encompassing variants of the G-L-P saga)
- VII. Emergent Critical Processes – Macro and Micro
- VIII. (Untitled – the “Solaris” theme)