

### A series of four evenings

- Feb 5: Connecting Science and Theism (chs. 1, 3)
- Feb 12: Discrete Degrees (chs. 4, 5)
- Feb 19: Explaining Theism (Part III)
- Feb 26: Applications to Theistic Science (Part V)
  - I talk for 45 mins (answering shorter questions).
  - Refreshment break for 15 mins
  - Discussion for 45 mins (for longer questions)

Feb 12, 2013

Ian Thompso

## DISCRETE DEGREES OUTLINE Better idea of 'substance'? - Realistic basis need for all kinds of things - The power/propensity/dispositions of objects - Concept of mental substance Better idea of 'multiple degrees' of existence? - Like 'dimensions' or 'planes', but better - Examples from physics - Examples from physics - Examples from psychology - General principles: generation & selection - See connections between levels Both ideas came from using Swedenborg to understand modern science! Particular conclusions to remember: see the ♀ sign

### A. Bad ideas of mental substance

Matter (materialists, physicalists)

Rationality (Descartes)Immaterial Form (Aquinas)

Information (Bohm?)

Pure Being (nondualists)

Quantum vacuum (Laszlo)

Consciousness (what does it <u>do</u>?)

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### Substance, Form, and Dynamics

### Back to basic analysis:

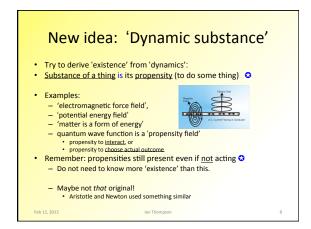
- There are three categories of terms in science:
  - formal terms
    - about the structure & static properties of what exists now
  - existential terms
    - about what exists, what is. Is it unknown?
  - dynamical terms
    - about what would happen, in new and/or hypothetical conditions.
    - Only by dynamics, can we make predictions.

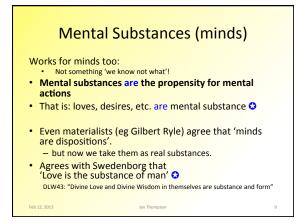
Feb 12, 20

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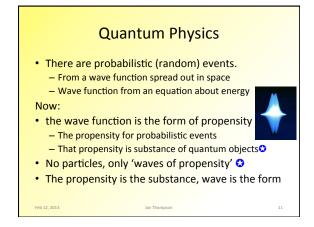
### Three Categories: more examples Form Existence particle, material, matter, corpuscle, body, cause, propensity, power, disposition, capability, shape, number, form, relation, configuration, function, field, oscillation, wave, flow, energy (kinetic and potential), fluid, ether. vibration substance, actuality, point, length, area, volume, amplitude, mass, charge, field reality, experience, observation, coupling, vector, matrix, Hilbert force, pressure, world, universe. momentum, impetus, ratios, probability, elasticity/rigidity ONTOLOGY PHYSICS All three categories are needed, in order to describe: What exists, Its Form and Its Behavior. 🔾

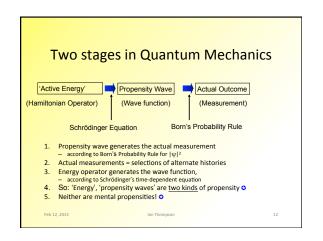


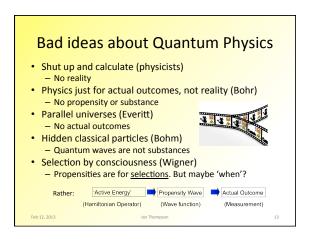




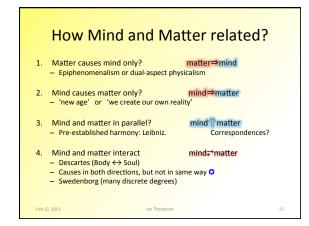


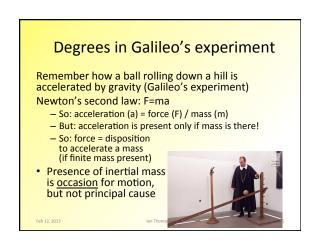


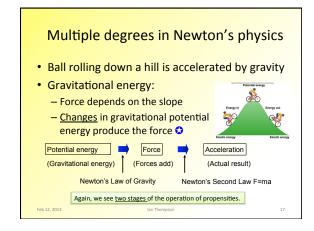


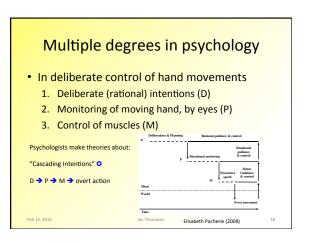


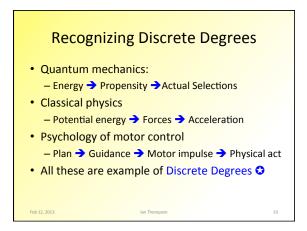
### B. Multiple 'degrees' of existence Show new concept for how minds and matter are (a) separate and (b) interrelated! Later: use concept to show how God and creation are (a) separate and (b) interrelated! This idea comes from Swedenborg New illustrations from physics & psychology

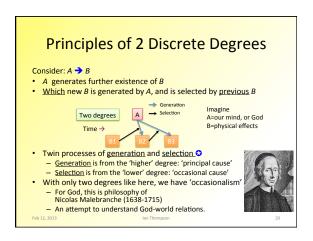


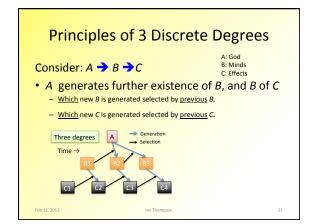


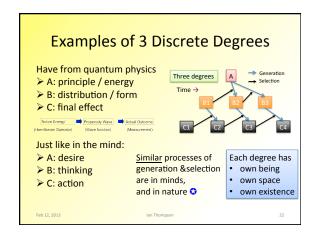


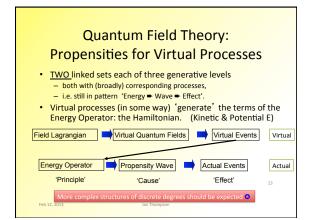












# Preview of Third Talk (Feb 19) • Good concepts of God - Not metaphorical, or hidden from science - Being itself, Life itself, Love itself, Wisdom itself • Understanding how we derive from God - God is being, love, wisdom & life itself - We derive being, love, wisdom, life from God - How? - By 'generation and selection', in discrete degrees End