

1. Matter/Energy

There is a continuum between the quantum realm and the realm of classical physics but at some point, more complex forms of matter lose their quantum properties in “decoherence.” When quantum properties like entanglement disappear, waveform collapses, and matter becomes measurable. Classical matter has emerged from the quantum realm via this decoherence. This suggests that all energy/matter has an emergent foundation.

2. Life. Autopoiesis

Matter maintains its pattern by regulating its composition and conserving its boundaries in a system of feedback loops.

3. Mind.

Microtubules which form the quantum base of the matter-mind loop is “embodied, embedded, enacted, and extended.

4. Culture.

As the cultures evolve, more sophisticated models emerge, culminating in “wisdom” growing out of the wisdom of the individual mind insight.