

# Responding To A Video Entitled: "Quantum Physics Debunks Materialism" - Collecting Arguments Against Anti-Epicurean Uses of Quantum Physics Theories

Post by "Susan Hill" of October 4, 2020 at 2:24 PM

My notes from the first Roger Penrose video above. Fascinating stuff! But maybe not what you were looking for?

Some of this are just theories he is working on:

Consciousness arises at the quantum level inside neuronal microtubules and cannot be explained as computations between synapses.

"I don't like the word materialism, because we don't know what material is."

General anesthetic shuts down the microtubules and thereby consciousness. It is not a normal chemical interaction.

Quantum mechanics is a provisional theory, and in very early days.

In the split-screen experiment, it is not the observers consciousness that collapses the wave function, but a proto-consciousness within the state itself that decides to go one way or another.

Understanding, intelligence, and awareness are separate things.

Another universe may have existed before the Big Bang. The steady-state theory of the universe was disproved by the microwave background traces that go all the way back showing that there had to be a beginning to things: a primordial atom.

Black holes will eventually eat most of the galaxies and then finally evaporate themselves.

The infinity of a universe can be observed from without. It is only infinite from within that universe. You can have infinities of different sizes.

Energy, mass, and frequency are equivalent. Therefore, every particle is a clock.

Without mass there is no measure for space and time.

The photons that exist at the end of one universe go into the next Big Bang. We can see the gravitational waves of the dead black holes from the last universe.

The meaning of life is not a stupid question. We are only scratching the surface.