

# **The Nature of the Universe - Not Random, But Undirected?**

**Post by "Martin" of December 3, 2019 at 10:21 AM**

I agree that the "key is in the definitions of these words".

Quantum uncertainty / the swerve is random in the sense of how "random" is used across specialized disciplines in science and technology.

I avoid "chaotic" because its usage is more controversial but those who use it do so casually as synonym for "random" or in non-linear physics as synonym for "undirected" as visualized in the excerpt.

For me, "not random, but undirected" is not a good high-level summary of the Epicurean position in physics.