

Determinism & Chaos Theory

Post by “Don” of May 5, 2024 at 7:26 AM

Great thought-provoking post, [Martin](#). Thank you!

In a quick search, I see there's been some academic papers on the topic... Most beyond me in a brief scan of the content 😊 so, turning to Wikipedia:

[Indeterminism - Wikipedia](#)

"Interpreting causation as a deterministic relation means that if A causes B, then A must always be followed by B. In this sense, war does not cause deaths, nor does smoking cause cancer. As a result, many turn to a notion of probabilistic causation. Informally, A probabilistically causes B if A's occurrence increases the probability of B. This is sometimes interpreted to reflect the imperfect knowledge of a deterministic system but other times interpreted to mean that the causal system under study has an inherently indeterministic nature." (PS. I just realized that article mentions Epicureanism!)

I like where that is headed and would have been (at least consciously) unaware of it without [Martin](#) 's post.

[Quote from Martin](#)

Such a computer ... would be like a 1:1 scale map of everything

I would go beyond that and offer that you might need multiple universes to compute the outcomes in one universe... It's "conceivable" (ie, I just conceived it 😊) but completely impractical and maybe useless IF indeterminacy is the way things are.