

Eric's personal outline

Post by "Eric" of September 23, 2024 at 3:48 PM

[Quote from Cassius](#)

Likewise, energy and forces are best thought of as falling under "atoms" since as Epicurus meant the term it was simply indivisible particle, and we use "atom" to refer to a particular arrangement of particles "above" atoms.

By atoms I actually did mean the indivisible particles. I am aware that atoms (as in a Beryllium atom) are composed of smaller particles and so forth. It is good that you brought this up for clarity's sake. Sometimes I have the habit of assuming people understand what I mean.

However, as Martin already said, energy can be quantized (such as the energies of atomic orbitals) or continuous (such as the energy of a photon). I'm actually not familiar with quantum field theory but my understanding is that even though there are particles involved, the forces themselves are continuous. It's been some time since I studied these, so correct me if I'm wrong.

I am not sure why this indivisibility of matter/energy is important regarding the philosophy though. What are the philosophical implications if matter/energy is indivisible and what if it is not (other than whether Epicurus was right or not)?

It doesn't really matter to me if Epicurus was wrong in some aspects of his physics as his Ethics and epistemology send my experience into high energies. I was forced to make these puns. I couldn't avoid it.