

# A Recap of Principles of Epicurean Physics

Post by "Martin" of March 21, 2022 at 9:37 AM

Thanks for the compilation.

I agree with about half of them as more or less strong analogies but the others are too much of a stretch:

1. Momentum does not fit in here because its law of conservation is independent from that for energy.

1. and 2. are only weak analogies because elementary particles can be created from kinetic energy and destroyed into other forms of energy (but not from nothing / into nothing as correctly stated by Epicurus in that context).

8. No (or I just do not see that one).

9. Farfetched because what Epicurus claims here is quite different from Newton's laws. Instead, the analogy with molecular and lattice vibrations is much stronger and really impressive/prophetic.

10, Brownian motion fits less well than the uncertainty principle.

11. OK with Nate's disclaimer.

12. Innumerable seems not to fit as of now.