

# To What Extent, If Any, Does Modern Physics Invalidate Epicurean Philosophy?

Post by "Cassius" of August 15, 2020 at 9:58 PM

Alan to Ilkka:

[Ilkka](#) I agree with all of that. I only disagree with those who vehemently say that we need the swerve to have agency or even that the swerve of Epicurean atoms really truly exists in the very precise context that Epicurus stipulated them to serve in. You're not saying that, so we don't have a disagreement. The swerve of Epicurean atoms is a very different thing than the random motion of particles in a gas or fluid or the superposition of quantum states or the fundamental inability to register both a particles position and momentum to arbitrary accuracy (all those things that I suggested above that could be considered a 'modern swerve').