

Movement, Direction, and Speed of Atoms - Do Atoms Fall "Down?" Is the "Swerve" Required To Bring Them Together Into Bodies?

Post by "Martin" of December 19, 2020 at 3:00 AM

The video nicely illustrates what we know today. (Note that turning the balance upside down is just a joke and still just shows the force on us as the counterforce from hard enough material to prevent us from breaking or sinking through the balance and not directly the force with which we pull up Earth. We know from theory which is confirmed by other experiments that we pull up Earth with the same force.)

Knowing this helps to get clear how wrong or misleading Epicurus' reference to down is. Some people have even used this wrong usage to claim that Epicurus was a flat-Earther. Epicurus use of down is so much against his own physics that he probably meant "down" in a different way but I have not yet seen and could not figure out a meaningful way. Maybe the ancient Greek word had a broader or different meaning than our "down".