

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

Post by "Don" of December 19, 2020 at 10:25 AM

[Quote from JJElbert](#)

Quote

And that's correct (in a vacuum), right? How or why would he intuit that? I think I need to revisit that Letter.

I don't have a citation to hand, but see Lucretius on this point. I think he says that in the absence of air-resistance a ball of wool and a ball of lead will fall at the same speed.

This?

Quote

Which but for voids for bodies to go through 'Tis clear could happen in nowise at all. Again, why see we among objects some Of heavier weight, but of no bulkier size? Indeed, if in a ball of wool there be As much of body as in lump of lead, The two should weigh alike, since body tends To load things downward, while the void abides, By contrary nature, the imponderable. Therefore, an object just as large but lighter Declares infallibly its more of void; Even as the heavier more of matter shows, And how much less of vacant room inside. That which we're seeking with sagacious quest Exists, infallibly, commixed with things- The void, the invisible inane.