

the idea of atom and Zenon's paradox

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system($F=aF[1]+bF[2]$ and $D=bD[1]+aD[2]$) that's the static leverlaw. when $F[1]D[1]=F[2]D[2]$ then the lever is in global static balance. (F, D) is global wight for the local weights (F[1], D[1]) and (F[2], D[2]). however (F, D) can be local weight of some other global weight and (F[1], D[1]) and (F[2], D[2]) can be global weights of their own subweights. i am saying the matter is infinitely groupable and dividable.

take a paper and split it on two. split the half on two and the fourth on two and so on. in the end you'll reach something that cannot be splited. that's the atom. the paradox of the idea of atom is that the division tool — your hands — reamins the same so as you go deep towards the tiny it gradually cannot conduct the division.

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