

bodies do not immediately touch each other, but permit the mixture of the other Heterogeneous fluid near the Earth, which serves to communicate the motion from particle to particle without the immediate contact of the Vibrations of the Particles.

All solid Bodies retain their solidity till by other extraordinary motions their natural or proper motions become intermixed with other differing motions, and so they become a bulk of compounded motions, which weaken each others Vibrative motions. So that though the similar parts do participate of each others motions, whereby they endeavour to joyn or keep together, yet do they also participate of an Heterogeneous motion which endeavours to separate or keep them asunder. And according to the prevalency of the one or the other is the body more or less fluid or solid.

All bodies whatsoever would be fluid were it not for the external Heterogeneous motion of the Ambient.

And all fluid bodies whatsoever would be unbounded, and have their parts fly from each other were it not for some prevailing Heterogeneous motion from without them that drives them more powerfully together.

Heterogeneous motions from without are propagated within the solid in a direct line if they hit perpendicular to the superficies or bounds, but if obliquely in ways not direct, but different and deflected, according to the particular inclination of the body striking, and according to the proportion of the Particles striking and being struck.

All springy bodies whatsoever consist of parts thus qualified, that is, of small bodies indued with appropriate and peculiar motions, whence every one of these particles hath a particular Bulk, Extension, or Sphere of activity which it defends from the ingress of any other incompassing Heterogeneous body whilst
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