

Avicenna about corporeal matter separate from corporeal form

(The Metaphysics of the Healing, Book Two, Chapter Three, Paragraphs 2-3)

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We want to show that "corporeal matter cannot exist devoid of form in actuality". We will do so using contraposition.

Algorithm 1: Assume that corporeal matter can be separated from corporeal form

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if corporeal matter has position and a bound then
  if corporeal matter can be divided then
    corporeal matter necessarily has measure, while it was
    postulated not to (see Chapter 2). Contradiction.
  else
    corporeal matter is a point. A point can't exist as a single entity,
    separated spatially in a confine all on its own. Contradiction.
else
  if measure indwells in the corporeal matter all at once then
    if measure encountered corporeal matter in a specific confine
    then
      measure encountered it while being in the confine itself.
      Thus, the corporeal matter was in a confine. Contradiction
      with the definition of matter.
    else
      no confine would have been more appropriate for corporeal
      matter than any other. No way to continue from here.
  else
    If it wasn't all at once, it was a continuous process.
    if measure comes to corporeal matter while it's not in a confine
    then
      measure connects with corporeal matter in no confine. Thus
      measure does not come to corporeal matter in [any] one
      specific confine. Thus the measure would have no confine.
      Contradiction with the definition of measure.
    else
      Measure exists in every confine [corporeal matter] could
      possibly belong to. Thus it is not confined to some specific
      one. Contradiction with the definition of measure.
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As all the possible cases lead to a contradiction, the premise must have been wrong itself.