

## Reading Assignment 21: Hume on infinite divisibility

*Required Readings:* Book I. Part II Sections 1-4 of [Hume, 2003].

### Questions:

- In previous classes, we discussed how Hume's theses concerning distinguishability and separability were used to attack Locke's theory of abstract ideas. Explain how they are also used to attack the thesis that we can form the idea of an infinitely divisible object.
- Explain what thesis Hume intends to defend with his example of the spot of ink viewed from a distance.
- Summarize Hume's argument that if a finite extension is infinitely divisible, then its extension must also be infinite, contradicting assumption.

### References

David Hume. *A Treatise of Human Nature*. Courier Dover Publications, 2003.