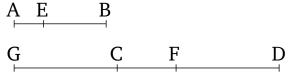
Book 7 Proposition 7

If a number is that part of a number that a (part) taken away (is) of a (part) taken away then the remainder will also be the same part of the remainder that the whole (is) of the whole.



For let a number AB be that part of a number CD that a (part) taken away AE (is) of a part taken away CF. I say that the remainder EB is also the same part of the remainder FD that the whole AB (is) of the whole CD.

For which(ever) part AE is of CF, let EB also be the same part of CG. And since which(ever) part AE is of CF, EB is also the same part of CG, thus which(ever) part AE is of CF, AB is also the same part of AE is also assumed (to be) the same part of AE is also the same part of AE is of AE is equal to AE is equal to AE is equal to AE is equal to the remainder AE is of AE is also the same part of AE is of AE is of AE is also the same part of AE is of AE is of AE is also the same part of AE is of AE is also the same part of AE is of AE is also the same part of AE is of AE is also the same part of AE is of AE is also the same part of AE is also the remainder AE is of AE is also the same part of AE is also the remainder AE is of AE is also the same part of AE is also the remainder AE is of AE is also the same part of the remainder

FD that the whole AB (is) of the whole CD. (Which is) the very thing it was required to show.