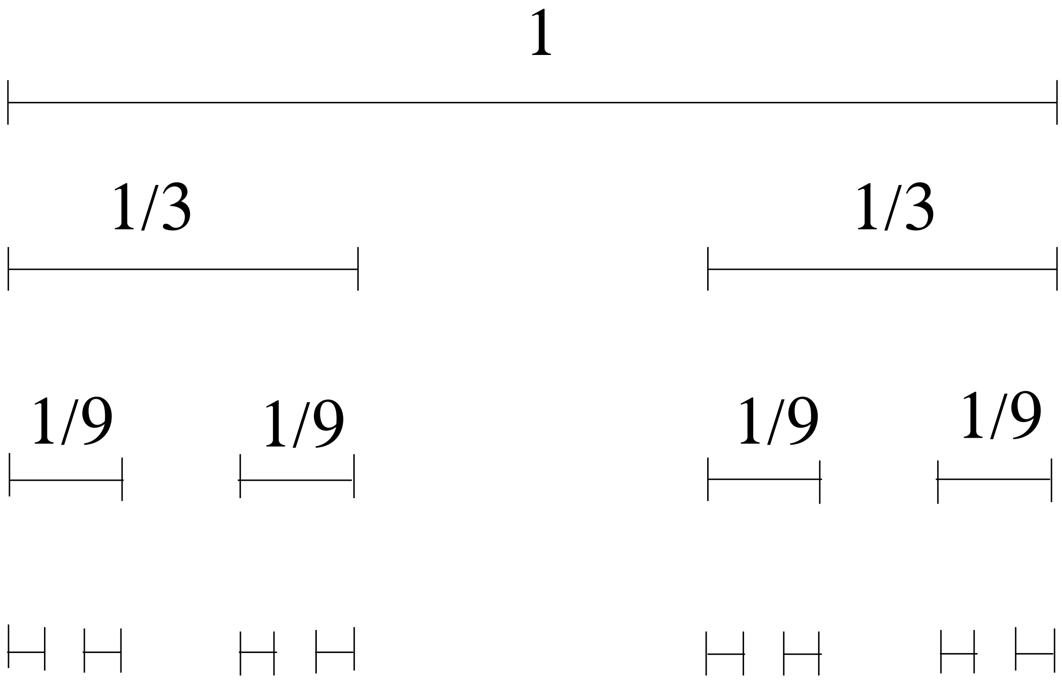

Figure 6.14: Three iterations of the Cantor subdivision of $[0, 1]$. The limit of an infinite number of subdivisions is a closed set in $[0, 1]$.