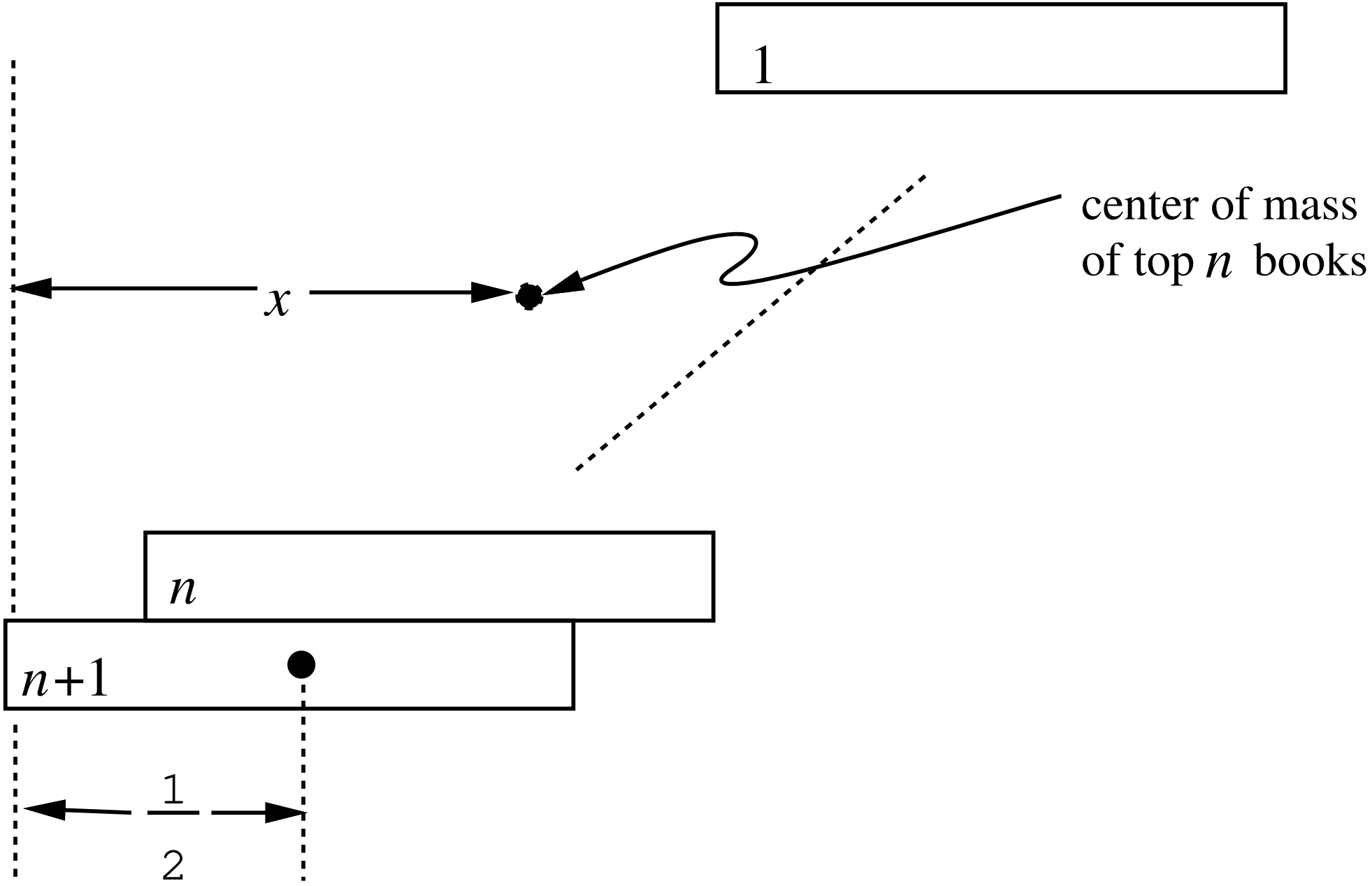
1
center of mass
of top n books
x
n
$n+1$
$\frac{1}{2}$