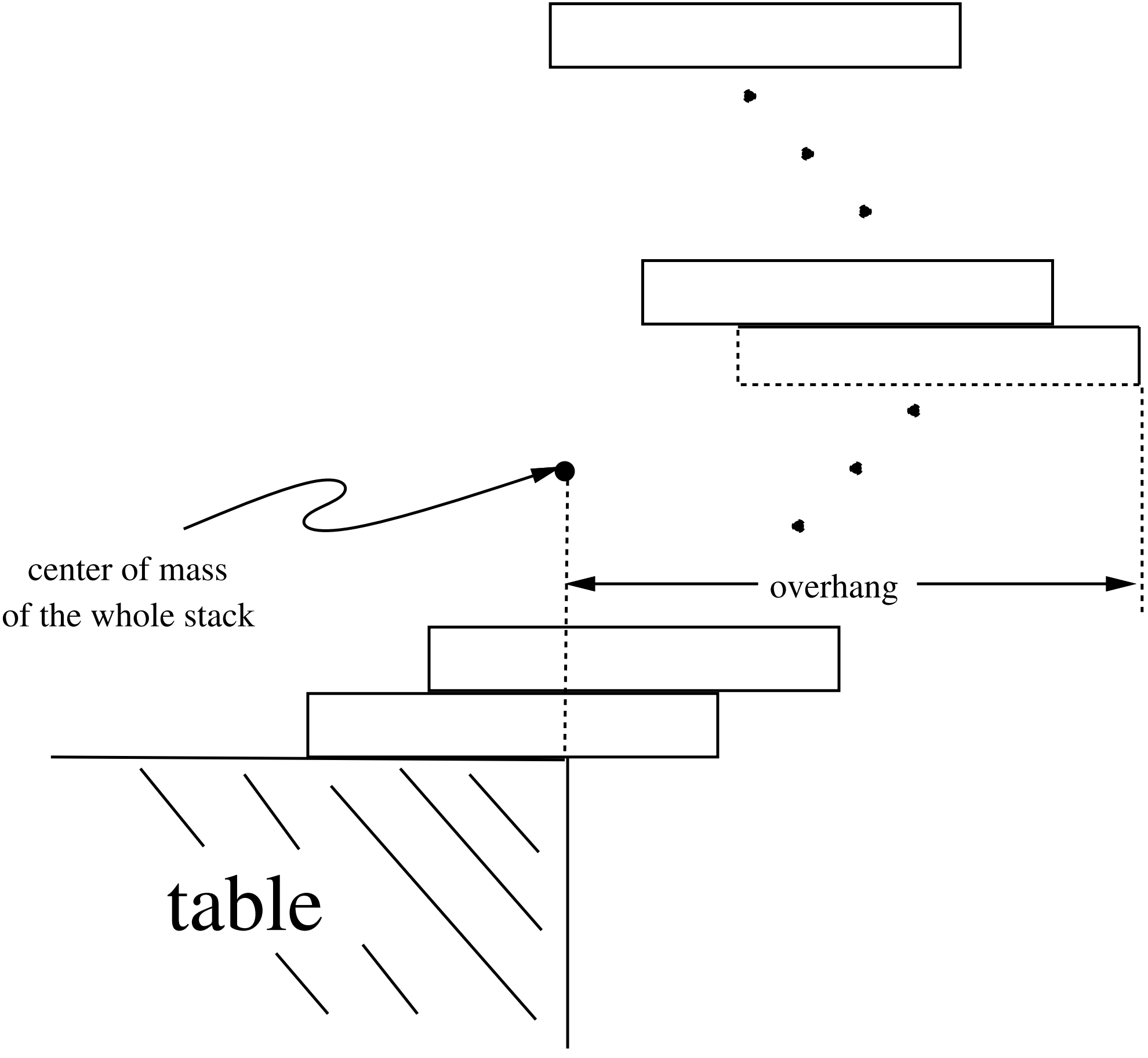
center of mass
of the whole stack
overhang
table