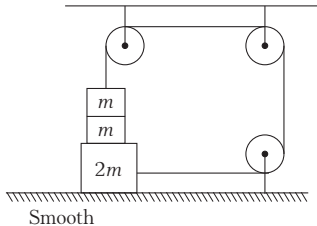


The minimum value of coefficient of friction between m and $2m$ is



(a) $\frac{1}{2}$

(b) $\frac{1}{\sqrt{2}}$

(c) $\frac{1}{4}$

(d) $\frac{1}{3}$