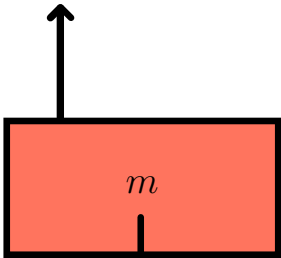


$$P_1(x_1 - x_{st})$$



$m$

$mg$