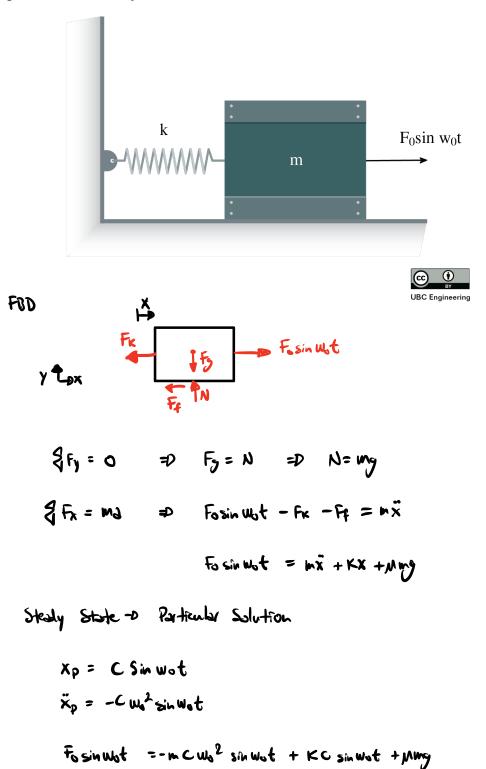
A periodic force  $F = 5\sin(3t)$  is applied to a 5kg load, which is connected to a 10 N/m spring. Given that the floor's coefficient of friction is  $\mu = 0.5$ , what is the maximum amplitude of the steady state function?



C= -0,143 m