

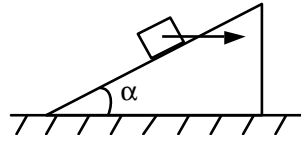
1. (8)

m α

(.) .

?

g



2. (12)

M ,

V .

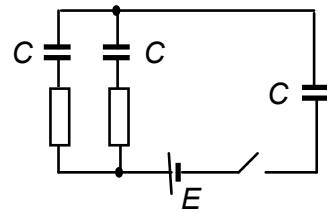
$V/2$ (3)?

(3)?

(6)?

3. (12)

(4)?
(8)?



$x = A \cos \omega t$,

4. (8)

x .

$x = 3A + A \cos(\omega t + \pi/3)$.

?