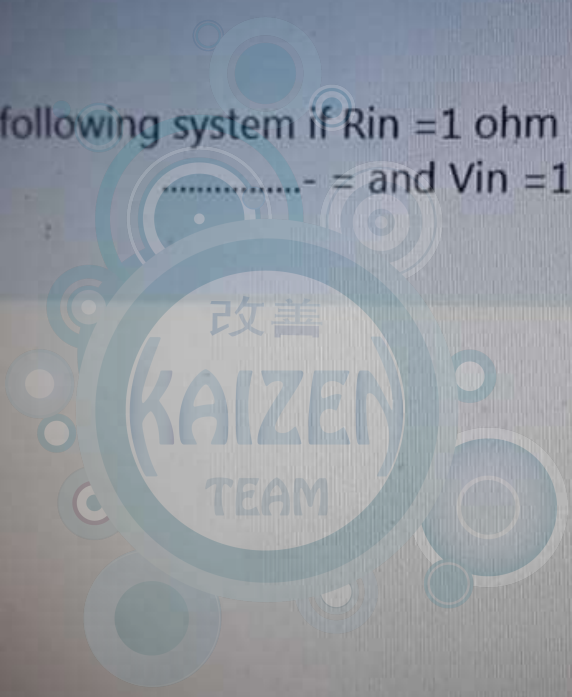


.Vout



for the following system if $R_{in} = 1 \text{ ohm}$ and $R_f = 1 \text{ ohm}$
..... = and $V_{in} = 1 \text{ volt}$ then V_{out}
(نقطة 2)



8

2

4

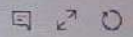
1

0.5

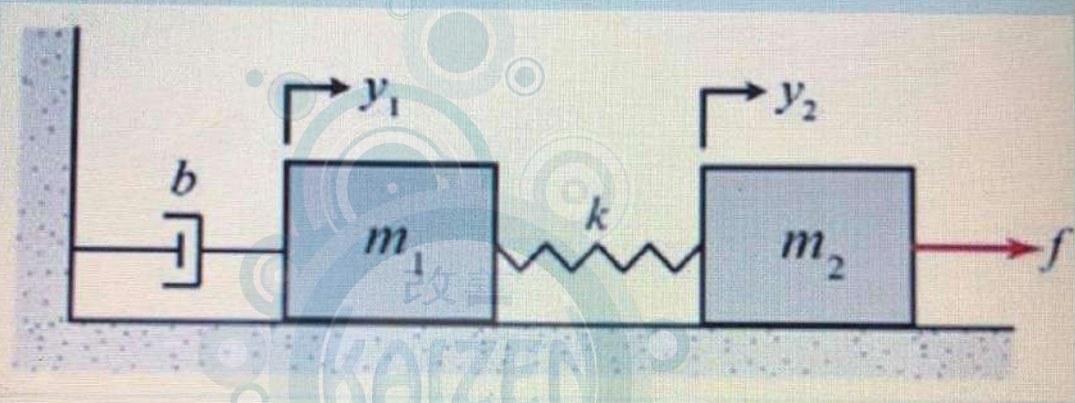
Search

RA

General Posts Files Class Notebook Assignments Fill | MID industrial c... 1 more

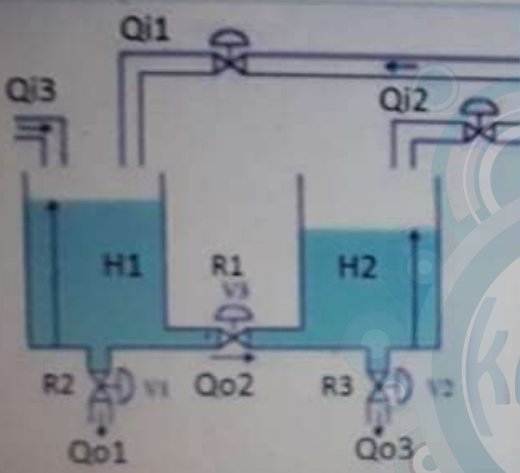


$Y_1(s)(A_1S^2 + A_2S + A_3) + A_4Y_2 = 0$ then A_1 is
(2 Points)



- K_b
- m_2
- m_1
- f
- k

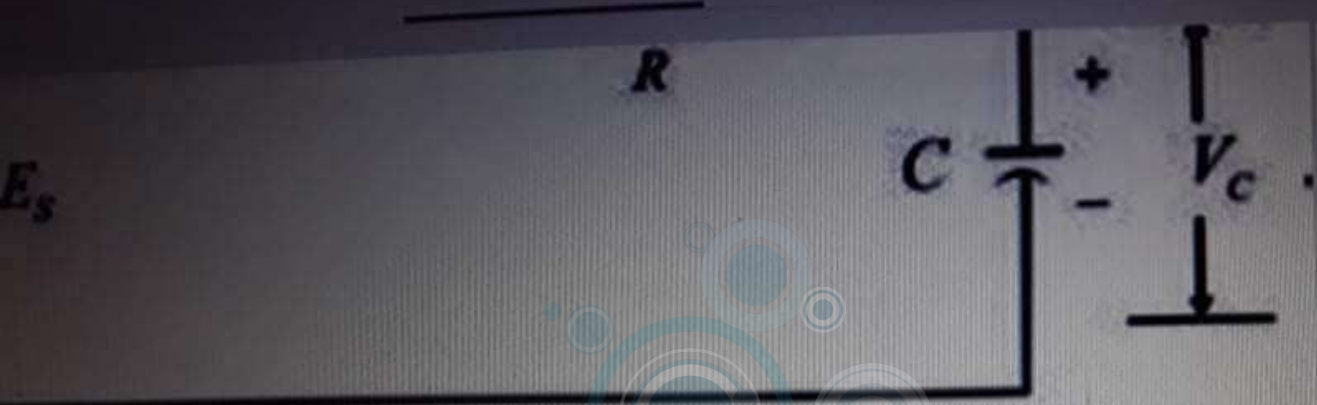
Activate Windows
Go to Settings to activate Windows



? = one equation for the system is $C(dH1/dt1)$
(2 نقطة)



- $Q1 + Q3 - Qo1 - Qo2$
- $Q1 + Q3 - Qo1 - Qo2 - Qo3$
- $Q1 + Qo3$



- 0.25-
- 4-
- 2-
- 1-
- none

if $G(s) = 10/(s^2 + 2s + 10)$ the system is

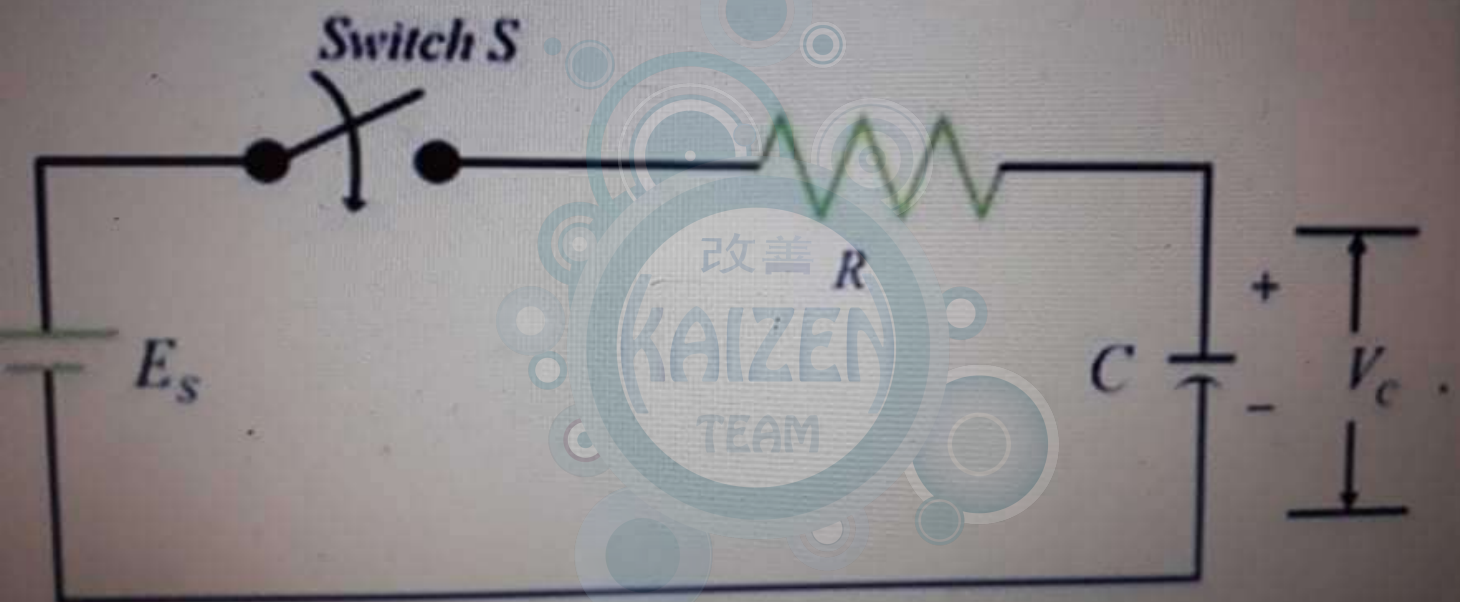
One equation describing the system is

$$Y_1(s)(A_1s^2 + A_2s + A_3) + A_4Y_2 = 0 \text{ then } A_2 \text{ is}$$

(المطلوب 2)



:f $R = 2$ Mohms and $C = 2$ MicroF then the pole is
(نقطة 2)



7

A first order with a negative damping ratio is
(2 نقطة)

it does not exist

dis-order

stable

unstable

non of the above

8

First order cannot be characterised by
(2 نقطة)



Results for the flat plate

Mass of water (kg)	Time (s)	Δx (mm)
7.5	14.27	75

The theoretical jet force in N is:

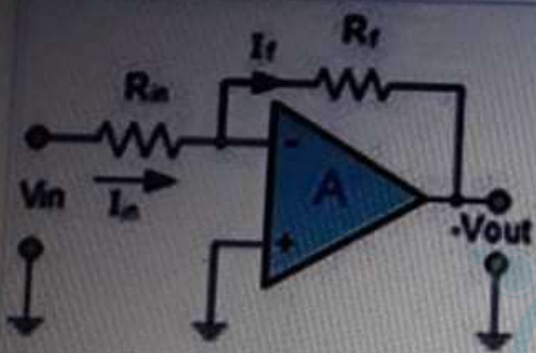
Answer:

The experimental jet force in N is:

Answer:

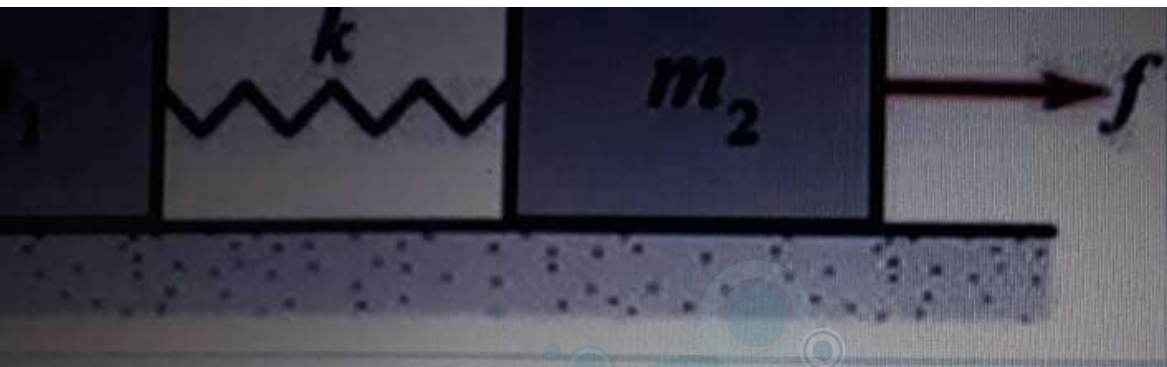
Question 4
Not yet answered
Marked out of 1.00
Flag question





for the following system if $R_{in} = 1 \text{ ohm}$ and $R_f = 2 \text{ ohm}$ = and $V_{in} = 1 \text{ volt}$ then V_{out} (2 نقطة)

- 0.5
- 4
- 8
- 1



m_2

k

f

k

m_1

One equation describing the system is

$$Y_1(s)(A_1s^2 + A_2s + A_3) + A_4Y_2 = 0 \quad \text{then } A_1 \text{ is}$$

(نقطة 2)



critically damped

17

The Laplace inverse for $2/(s^2 + 2s + 10)$ is
(2 نقطة)

$\exp(-t)\sin(2t)(3/2)$

$\exp(-3t)\cos(2t)(2/3)$

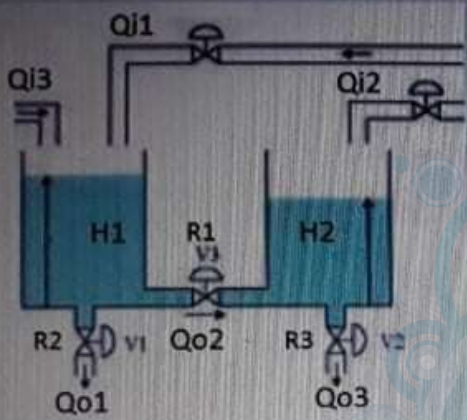
$\exp(-t)\sin(2t)(2/3)$

none

$\exp(-3t)\sin(2t)(2/3)$

18

One equation describing the system is



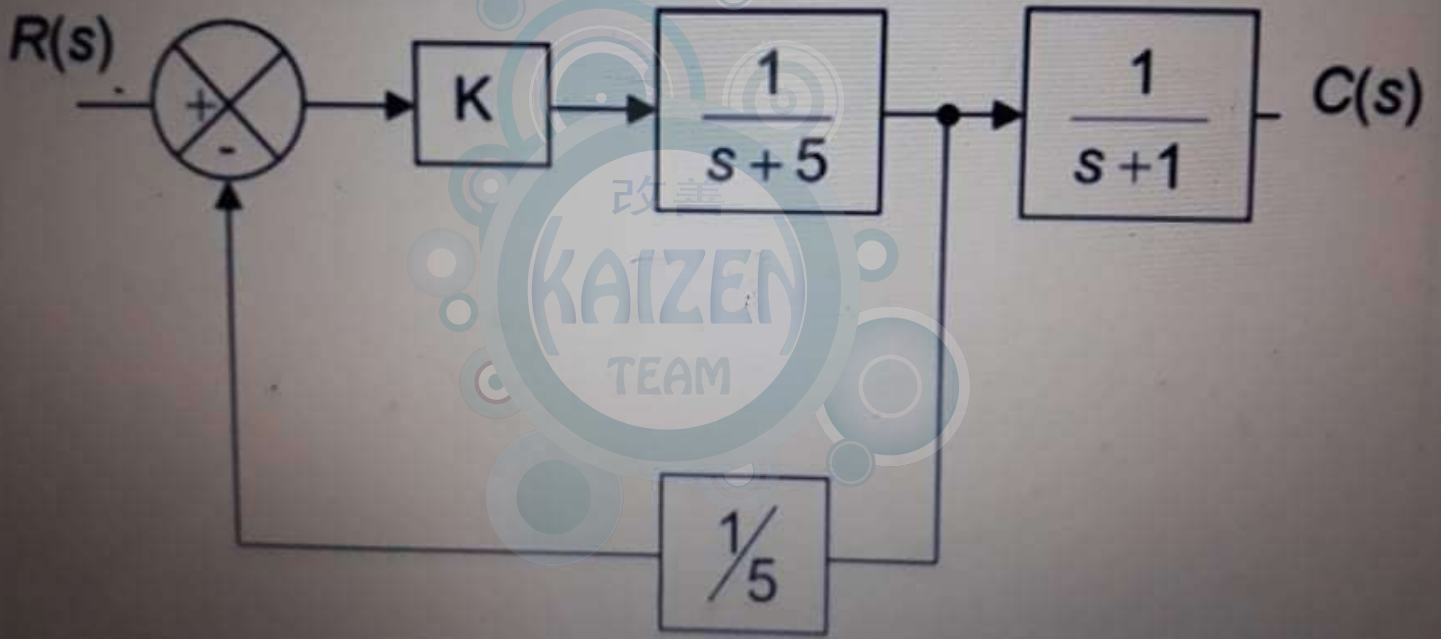
One equation for the system $A_1H_1 + A_2H_2 = Q_02$ the A_1 is (2 نقطة)

R1/1

R2/1

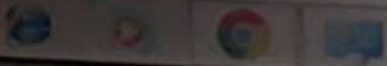
R3/1

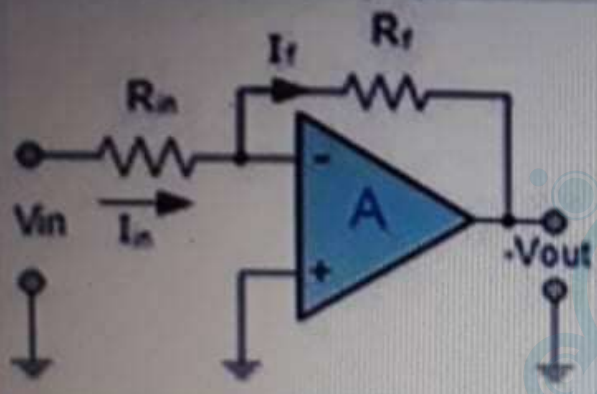
C/R is for the system
(2 نقطة)



KAIZEN
TEAM

$(5s+25+K)(s+1)/5$





改善

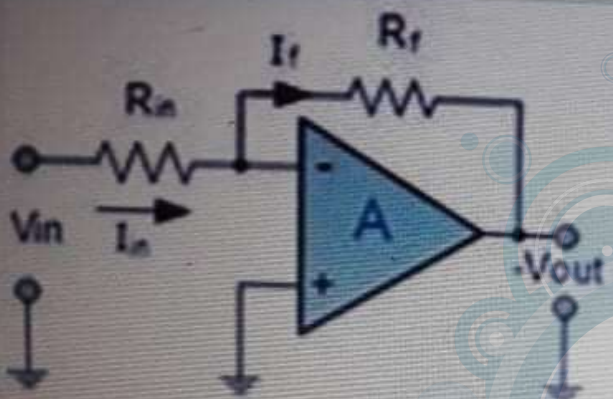


for the following system if $R_{in} = 1 \text{ ohm}$ and $R_f = 8 \text{ ohm}$ = and $V_{in} = 1 \text{ volt}$ then V_{out} (2 نقطة)

2 ○

4 ○





改善

KAIZEN
TEAM

for the following system if $R_{in} = 1 \text{ ohm}$ and $R_f = 1 \text{ ohm}$
..... = and $V_{in} = 1 \text{ volt}$ then V_{out}

(نقطة 2)



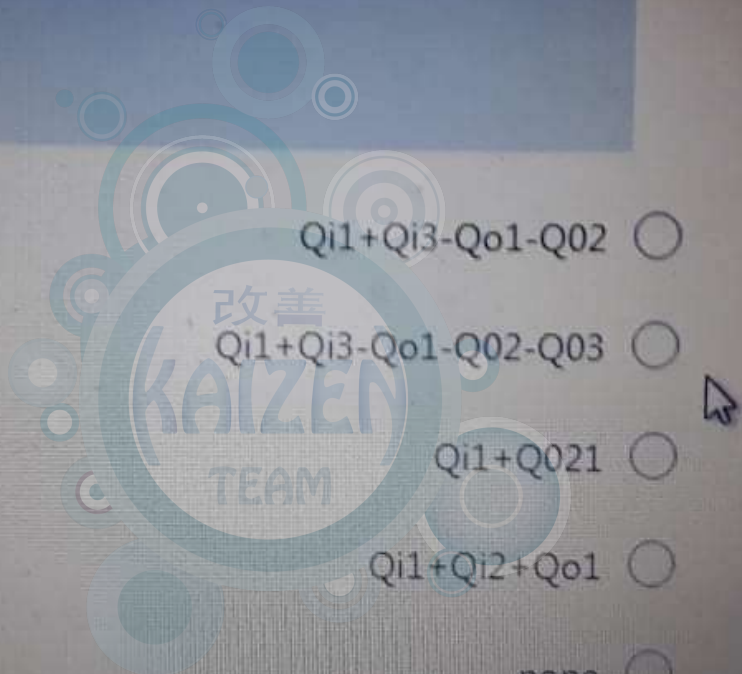
$Q_{i1} + Q_{i3} - Q_{o1} - Q_{o2}$

改善
 $Q_{i1} + Q_{i3} - Q_{o1} - Q_{o2} - Q_{o3}$

$Q_{i1} + Q_{o21}$

$Q_{i1} + Q_{i2} + Q_{o1}$

none



Search



General

Posts

Files

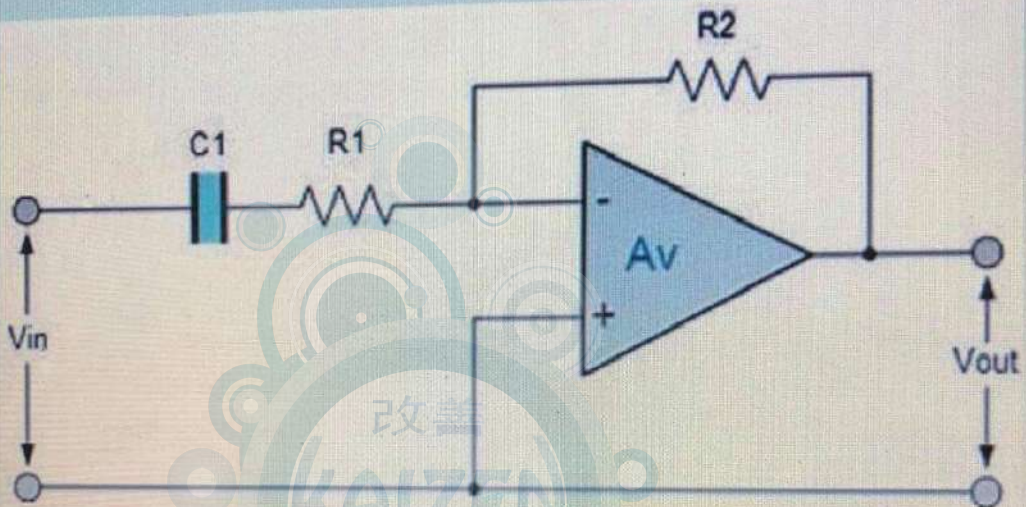
Class Notebook

Assignments

Fill | MID industrial c...

1 more

Question
(2 Points)



- $-R_2R_1/(R_1C_1s+1)$
- $-R_1R_2/(R_1R_2C_1s+1)$
- $-R_1/(R_2C_1s+1)$
- $-R_2/(R_1C_1s+1)$

Activate Windows
Go to Settings to activate Windows



8

First order cannot be characterised by
(2 نقطة)

Settling time

steady state error

Rise time

Peak time

None of the above

9

frequency = 2 then the settling time is
(2 نقطة)

$((12/(s+1)) + ((s+1)/2) + 1) / 2 - \text{○}$

$((12/(s+1)) - ((s+1)/2) - 1) / 2 - \text{○}$

none

$(1 - (2/(s+1)) - (12/(s+1))) / ((s+1)/12) \text{○}$

$(1 + (2/(s+1)) + (12/(s+1))) / ((s+1)/12) \text{○}$