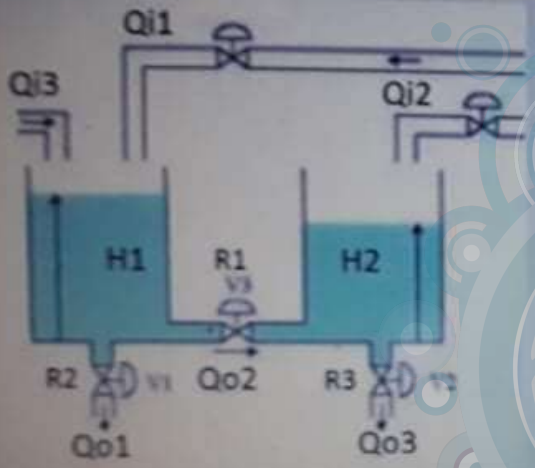


13

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

(2 نقطة)

Qi1+Qi3-Qo1-Qo2

Qi1+Qi3-Qo1-Qo2-Qo3

Qi1+Qi2

((12/(s+1)) + ((s+1)/2) +1)/ 2-

((12/(s+1)) - ((s+1)/2) -1)/ 2-

none

(1- (2/(s+1)) + (12/(s+1))) / ((s+1)/12)

(1+ (2/(s+1)) + (12/(s+1))) / ((s+1)/12)

for the following system if Rin =1 ohm and Rf= 8 ohm
.....- = and Vin =1 volt then Vout
(2 نقطة)

2
4
0.5
1
8

26

Question

7. final value for 1/(s(s^2 +2 s+5)) is *
(1 Point)

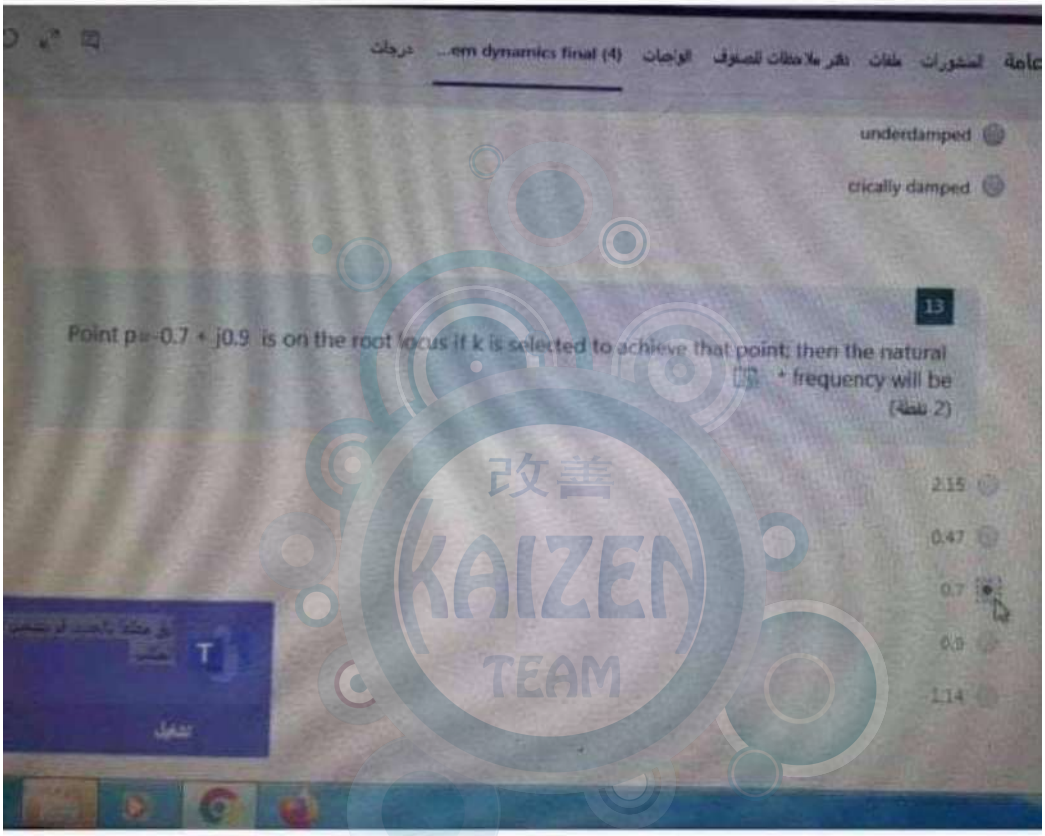
- 1/10
- 1/2
- 0
- infin1ty
- 1/5

8. in matlab syms s t; ilaplace(1/s^2+1/(2*s)) *
(1 Point)

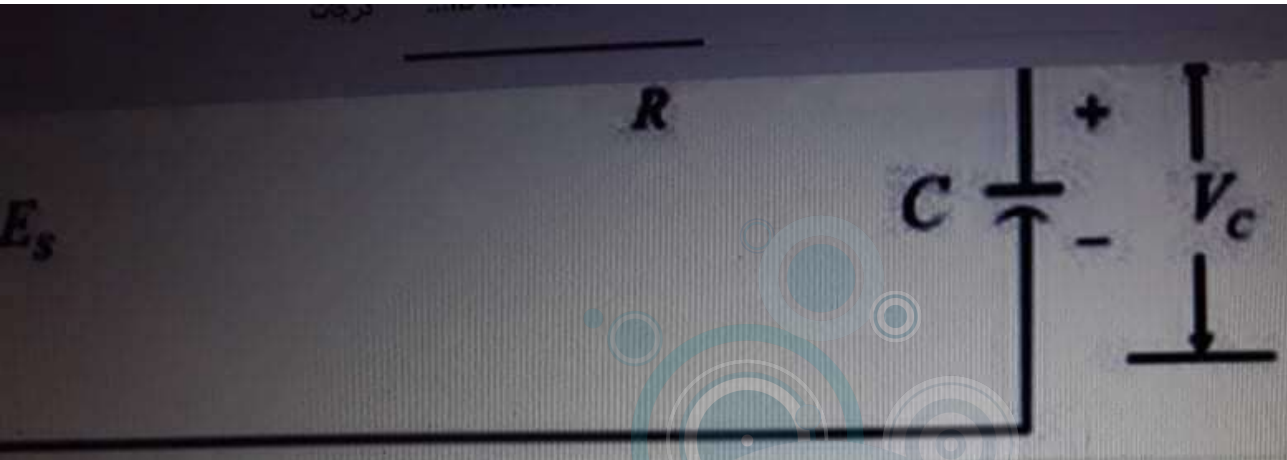
- 2t
- none
- u(t) +t
- t+1/5
- t+ 1/2

Zain JO 1:05 PM 76%

Done Edit



More



0.25- ○

4- ○

2- ○

1- ○

none ○

23

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

Search

General Posts Files Class Notebook Fill | Laplace transfor... 5 more

3. The X" + X = u(t); X'(0)=0; X(0)=0 X(s) = *
(1 Point)

- 1/s
- 1/(s^2+1)
- 1/(s * (s^2 +1))
- 1/ (s* (s+1))

4. laplace transform for 1/(s*(s^2+2)) is *
(1 Point)

- 1/2 - sin(2*t)/2
- 1/2 - cos(2^(1/2)*t)/2
- 1/2 -sin(2^(1/2)*t)/2
- 1/2 - cos(2*t)/2
- none

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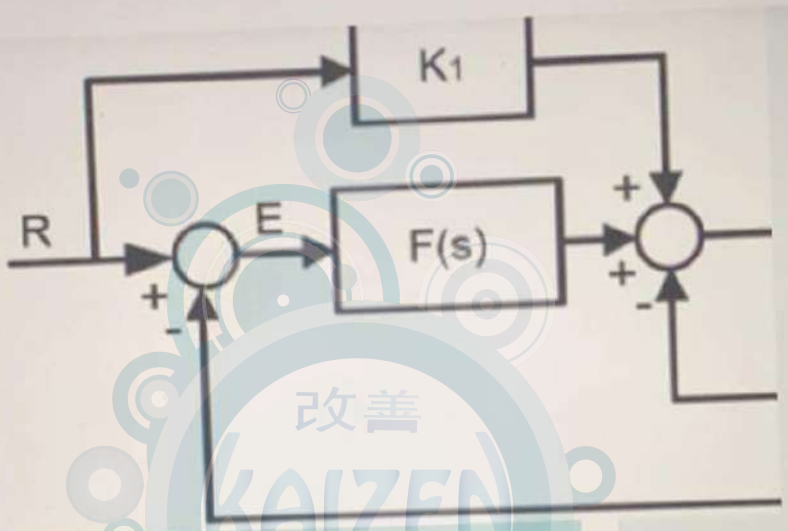
lmsystem.ju.edu.jo/mod/quiz/attempt.php?attempt=186570&cmid=277095&page=6



Y(s)/R(s)=

- a. FK1G/(1+FG+GK2)
- b. FG1K1+FGK2
- c. (F+k1)G/(1+FG +GK2)
- d. FGK1/FGK2
- e. FK1/(1+FG+GK2)

Finish

Time l

matlab commands: rlocus(zpk([-1],[-3 0],1)) is related to the tansfer funcion

- a. -s
- b. s/s^3+s)
- c. (s+1)/(s (s+3))
- d. (s-1)/(s(s-3))
- e. -s/(-3s)

Quiz

1

Finish a

Time lef

11

C/D is
(Gadi Z)

((12/(s+1)) + ((s+1)/2) +1)/ 2-

((12/(s+1)) - ((s+1)/2) -1)/ 2-

none

(1- (2/(s+1)) - (12/(s+1))) / (s+1)

10

One equation describing the system is

$Y1(s)*(A1S^2 + A2*S + A3) + A4Y2=0$ then A1 is

(2 نقطة)

for the following system if Rin =1 ohm and Rf= 1 ohm
..... = and Vin =1 volt then Vout
(2 نقطة)

8
2
4
1
0.5

exp(-2t)/2

10. inverse laplace transform for 1/(s(3s+1)) *
(1 Point)

- 3exp(-3t)
- exp(-3t)/3
- [x] 1 - exp(-t/3)
- exp(-t)/3
- 3exp(-t)

11

C/D is
(Ans: 2)

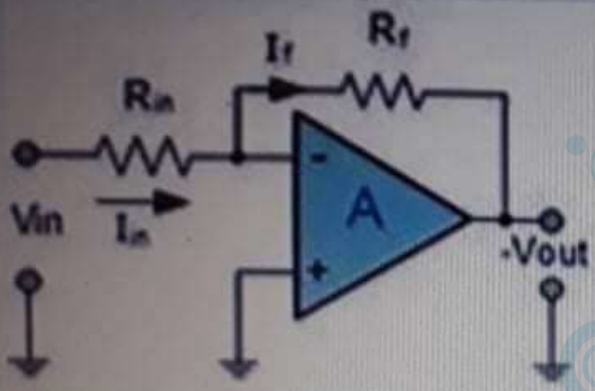
((12/(s+1)) + ((s+1)/2) +1)/ 2-

((12/(s+1)) - ((s+1)/2) -1)/ 2-

(1- (2/(s+1)) - (12/(s+1))) / (s+1)

exp(-0.5t)(K/2)

25



for the following system if Rin =1 ohm and Rf= 8 ohm
..... = and Vin =1 volt then Vout
(2 نقطة)

2

4

18

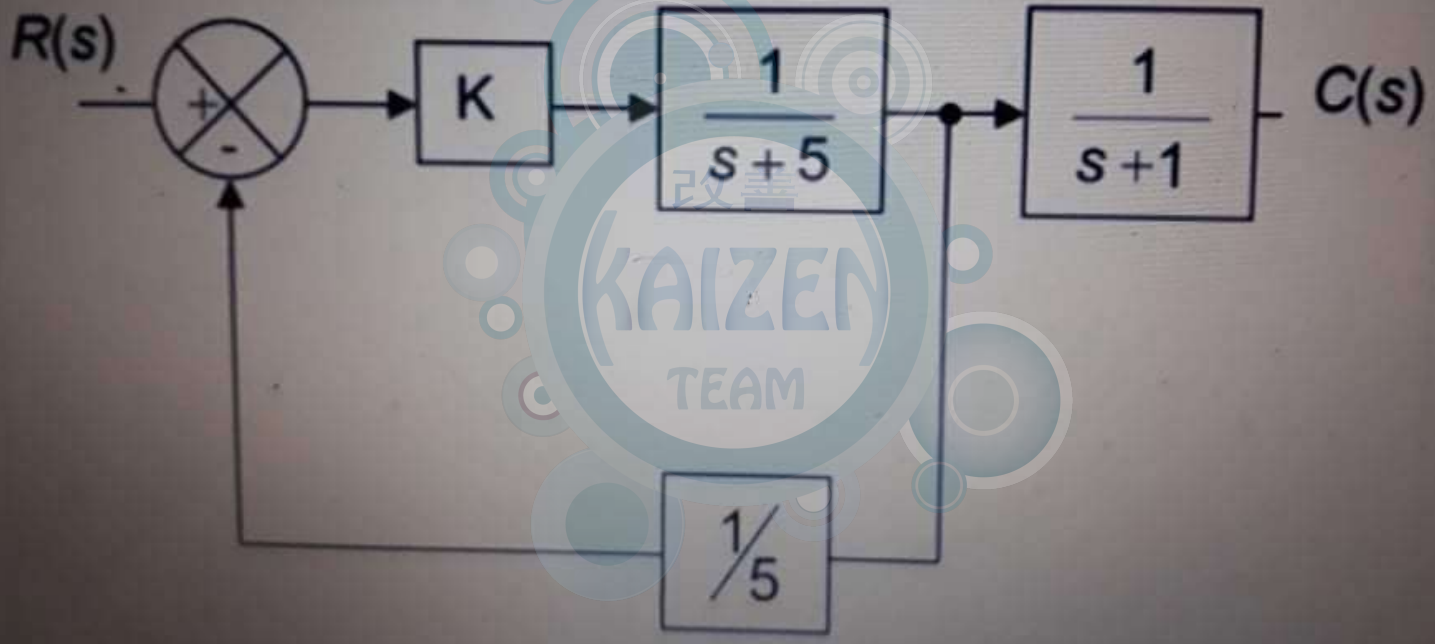
One equation describing the system is

Y1(s)*(A1S^2 + A2*S + A3) + A4Y2=0 then A2 is

(Mark 2)

6

C/R is for the system
(2 نقطة)



The steady state error for input =5u(t) is

- a. 0.05
- b. 0.001
- c. 0.1
- d. 0.2
- e. 0

Quiz navigation

1 2 3 4 5 6

Finish attempt ...

Time left 0:08:52

1/2

6. The X'' + X = u(t); X'(0)=0; X(0)=0 X(s) = *
(1 Point)

- 1/(s * (s^2 +1))
- 1/s
- 1/(s^2+1)
- 1/ (s* (s+1))

7. Question The inverse laplace transform for 1/(s^2 +2s + 17) *

10

One equation describing the system is

Y1(s)*(A1S^2 + A2*S + A3) + A4Y2=0 then A1 is

(2 نقطة)