Started on
Thursday, 15 May 2025, 10:30 AM

State
Finished

Completed on
Thursday, 15 May 2025, 10:34 AM

Time taken
3 mins 33 secs

Grade
10.00 out of 10.00 (100%)

Question 1

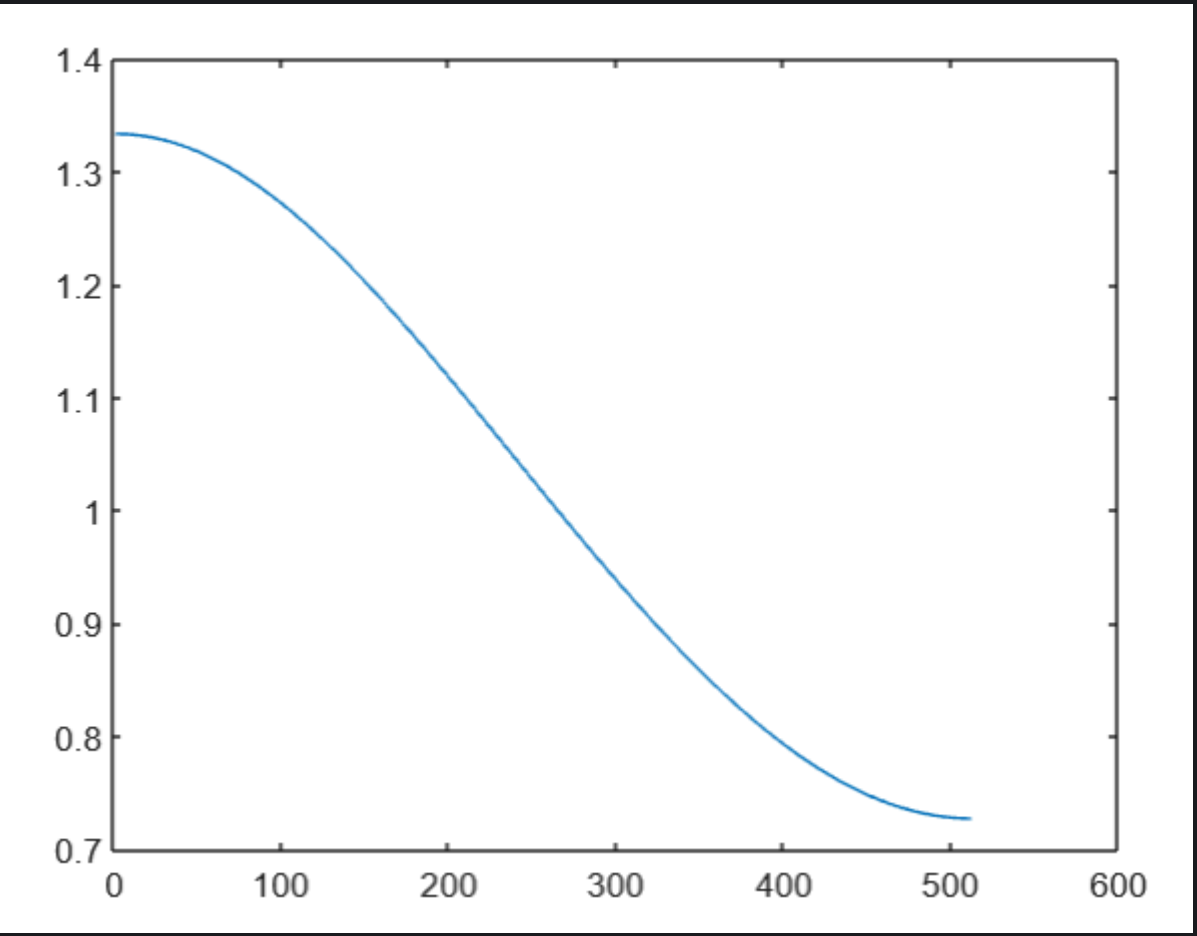
Flag question

Complete

Mark 2.00 out of 2.00

ECTE203_Q4

The following graph shows a _____ filter.



a. Band Stop

b. High Pass

c. Band Pass

d. Low Pass

Question 2

Flag question

Complete

Mark 2.00 out of 2.00

ECTE203_Q4

The magnitude response of a system with known B and A can be calculated with:

```
[H,w] = freqz(B,A);
```

a. abs(w)

b. angle(w)

c. angle(H)

d. abs(H)

Question 3

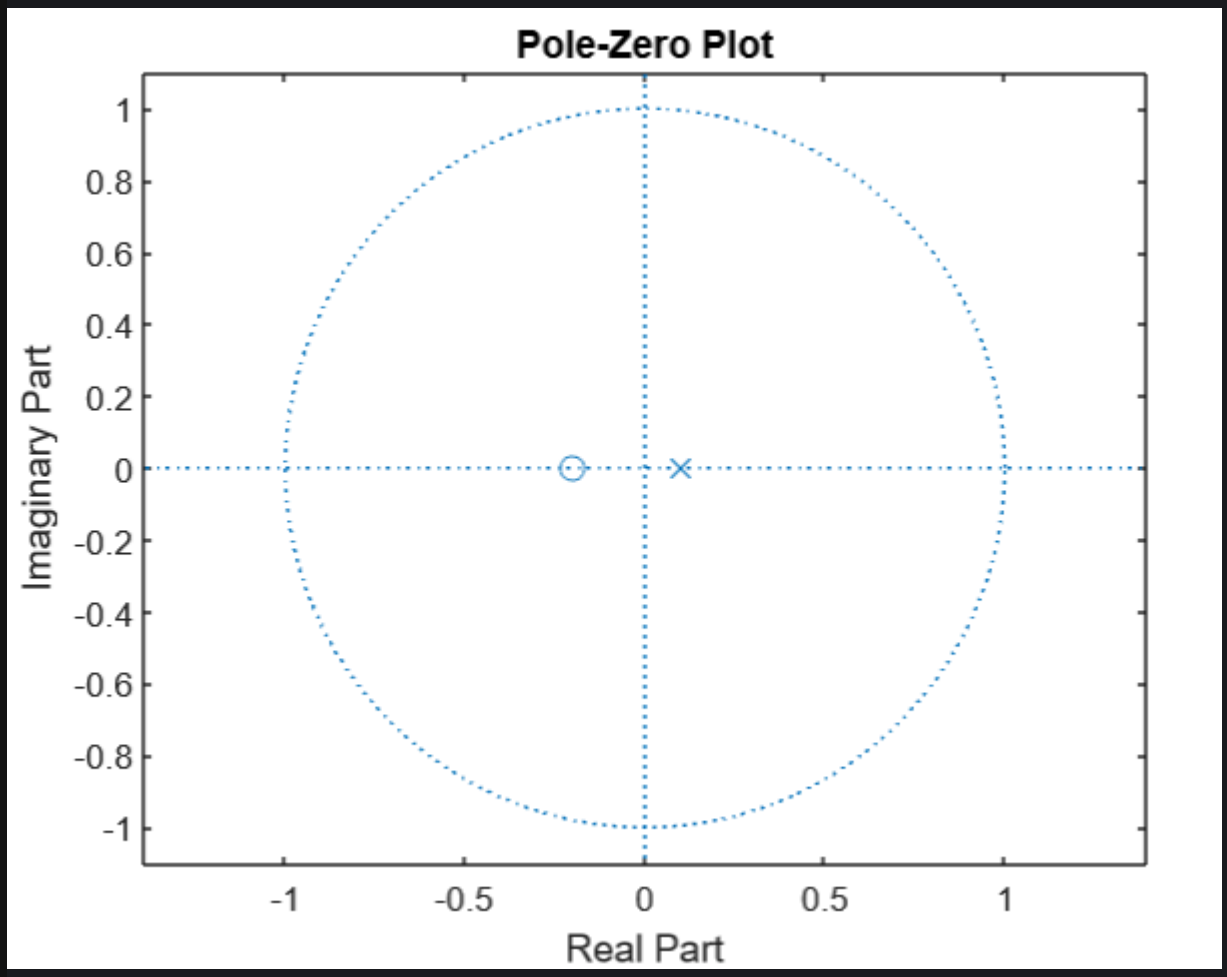
Flag question

Complete

Mark 2.00 out of 2.00

ECTE203_Q4 (copy)

This system is **NOT** stable.



Select one:

- True
- False

Question 4

Flag question

Complete | Mark 2.00 out of 2.00

ECTE203_Q4 (copy)
which system is an FIR system?

a. $y[n] = 0.2x[n-1] + 0.5x[n] - 1.3x[n-2]$

b. $y[n] = 0.7y[n-1]+0.5y[n-2]+0.2x[n] + 0.5x[n-2] - 1.3x[n-5]$

c. $y[n] = 0.2y[n-1] + 0.5x[n] - 1.3x[n-2]$

d. $y[n] = 1.5y[n-1] + 0.6x[n]$

Question 5

Flag question

Complete | Mark 2.00 out of 2.00

ECTE203_Q4
H(z) is the ratio of _____ to _____.

a. transfer function, input

b. output, transfer function

c. input , output

d. output, input

Finish review