Week 6 Assignment

The due date for submitting this assignment has passed. Due on 2018-03-10, 23:59 IST.
As per our records you have not submitted this assignment.

1) Yes, no other model would be possible.
   ○ Yes, but another possible model would be ARMA(1, 1)
   ○ No, and an appropriate model would be ARIMA(0, 1, 0)
   ○ No, and an appropriate model would be ARMA(0, 1)

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   No, and an appropriate model would be ARIMA(0, 1, 0)

2) 

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:

3) For the transformed data in Question 2, the most appropriate model is
   ○ ARMA(1,0) model
   ○ ARMA(1,1) model
   ○ ARMA(3,0) model
   ○ ARMA(0,2) model

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   ARMA(3,0) model

4) 

   Score: 0
   Accepted Answers:
No, the answer is incorrect.
Score: 0
Accepted Answers:

5)
- 0.2, 0.4
- 0.4, 0.6
- 0.8, 0.4
- 0.2, 1.2

No, the answer is incorrect.
Score: 0
Accepted Answers:
0.2, 0.4

6) For the given continuous time signal

2
0
0.5
1

No, the answer is incorrect.
Score: 0
Accepted Answers:

7)
- {0, 4, 0, 4i, 0, −4i, 0, 4}
- {0, −4, 4i, 0, 0, −4i, −4}
- {0, 4, −4i, 0, 0, −4i, 4}
- {0, −4, −4i, 0, 0, −4i, −4}

No, the answer is incorrect.
Score: 0
Accepted Answers:
{0, 4, 0, 4i, 0, −4i, 0, 4}

8) Which of the following ACF signatures represents that of a deterministic, periodic signal?

No, the answer is incorrect.
Score: 0
Accepted Answers:

9) Two stationary signals \( v[k] \) and \( w[k] \) are known to be correlated. Then, the following always holds:

No, the answer is incorrect.
Score: 0
Accepted Answers:
10)

○ 4.4
○ 8.8
○ 5.2
○ 10.88

No, the answer is incorrect.
Score: 0
Accepted Answers: 8.8