Assignment 4

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) Now consider the following statements with respect to the above defined Markov Chain:
   Statement 1: It is a Time homogeneous Markov Chain
   Statement 2: It is a Discrete Time Markov Chain
   Statement 3: It is a Discrete Space Markov Chain
   Statement 4: Its Transition matrix is a symmetric matrix
   Statement 5: There exists a Stationary distribution for this Markov Chain

Which of the following is the correct option with respect to the Markov Chain defined above?

- Only statements (1), (2) and (3) are True
- Only statements (2), (3) and (4) are True
- Only statements (2), (3) and (5) are True
- Only statements (1), (3), (5) and (4) are True
- All statements are True

No, the answer is incorrect.
Score: 0

Accepted Answers:
Only statements (1), (2), (3) and (4) are True

2) No, the answer is incorrect.
Score: 0

Accepted Answers:

3) No, the answer is incorrect.
Score: 0

Accepted Answers:

4) No, the answer is incorrect.
Score: 0

Accepted Answers:

5) Which of the following options is the correct transition diagram for the above defined Markov Chain?

No, the answer is incorrect.
Score: 0

Accepted Answers:

6) No, the answer is incorrect.
Score: 0

Accepted Answers:
Yes, there are 2 absorbing states