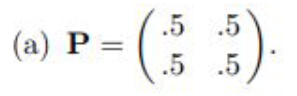
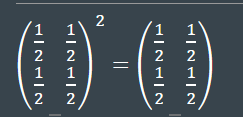
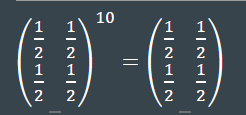
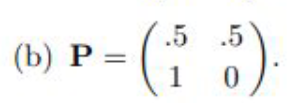
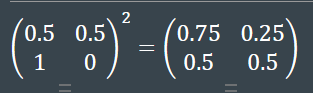
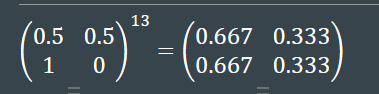
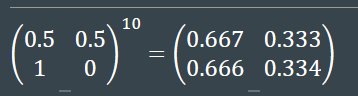


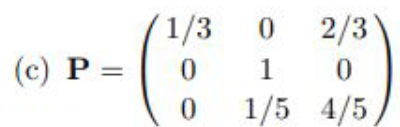
1.-(n-1)^2+1 = 2

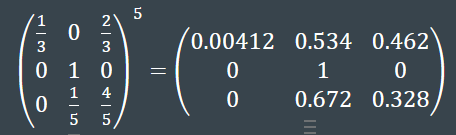
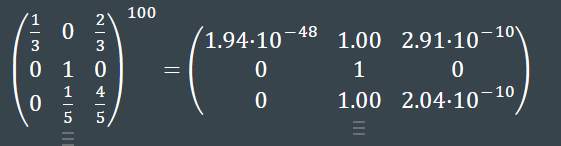
 

1. Regular Markov Chain
2. Not absorbing markov chain
3. The long trend is (.5 .5)

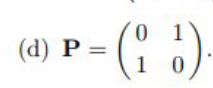
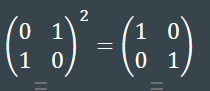
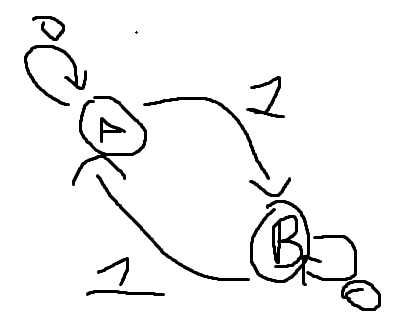
2.-(n-1)^2+1 = 2

   
a)Regular markov chain  
b) Not absorbing   
c) The long trend is (.667 .333)

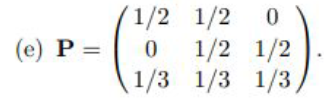
3.- (n-1)^2+1 = 5

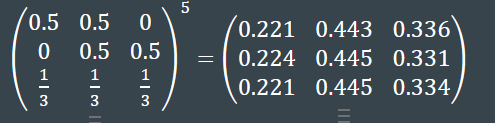
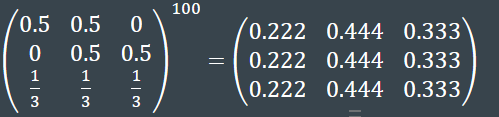
 

1. Not regular Markov Chain
2. Absorbing
3. Not long trend

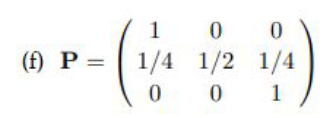
4.- max = 2  
 

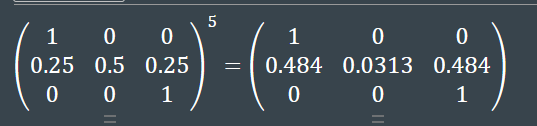
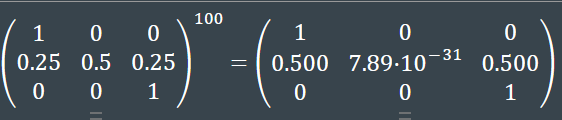
a) Not regular  
b) Not absorbing  
c) Not Long Trend

5.- max = 5

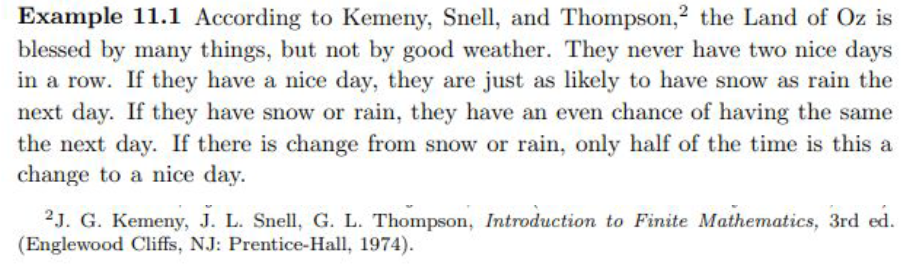
a)  

a)Regular Markov Chain  
b)Not absorbing  
c) The long Trend is (.222 .444 .333)

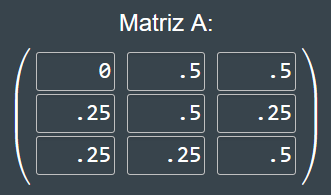
6.-max = 5

1. Not Regular   
   b) Absorbing Chain  
   c) Not long trend

7.- 

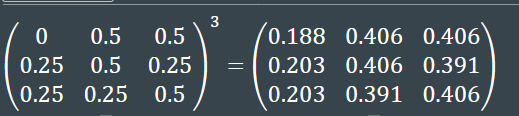
n s r

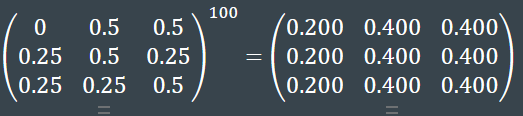
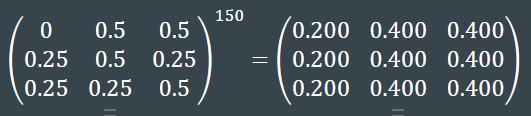
a) n

s

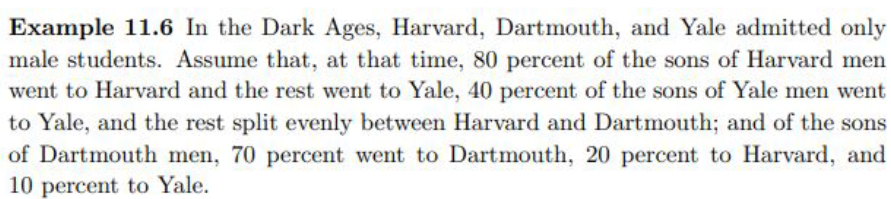
r

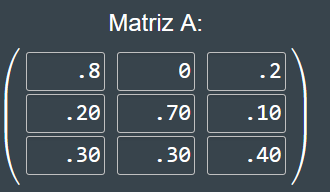
b) Tuesday is the initial matrix, Wednesday would me A^2 and Thursday A^3 so P = .406



c)  

The long trend is (.200 .400 .400)

8.- 

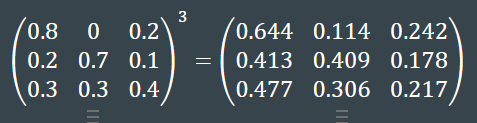
a) H D Y

H

D

Y

1. This matrix represents the probability of the next gen, grandson would be next next gen so M^3 would give me this. P = .217



1. P = .114