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MatlabM.4.2

function binompmf

 P = 1/9

 X = 0:25

 N = 100

 Y = binopdf(X,N,P)

 plot(X,Y)

 end



function binompmf

 P = 1/12

 X = 0:25

 N = 100

 Y = binopdf(X,N,P)

 plot(X,Y)

 end



function binompmf

 P = 1/15

 X = 0:25

 N = 100

 Y = binopdf(X,N,P)

 plot(X,Y)

 end



Conclusion: According to graphs, as P decreased, the graph moves towards to left and have a higher peak .

function geompmf

 P = 1/3

 X = 0:25

 Y = geopdf(X,P)

 plot(X,Y)

 end



function geompmf

 P = 1/6

 X = 0:25

 Y = geopdf(X,P)

 plot(X,Y)

 end



function geompmf

 P = 1/9

 X = 0:25

 Y = geopdf(X,P)

 plot(X,Y)

 end



Conclusion: According to the graphs, the line in graph is approaching to a straight line as P decreased.