(10p, I have no idea what you are doing here?)

a) Plot the probability mass function and the cumulative distribution function of a binomial distribution for a few different values of the parameter p.

How does their shapes changes as the function of p?

p = 0.65; % Probability of success for each trial

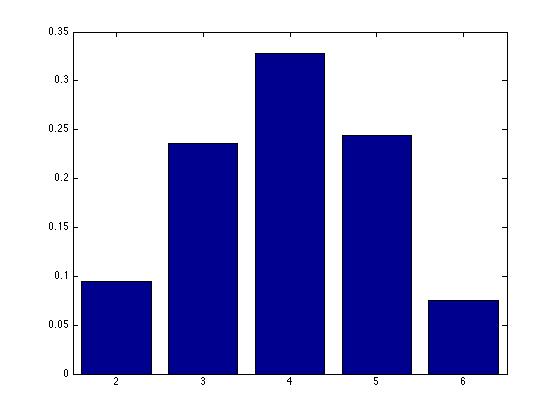
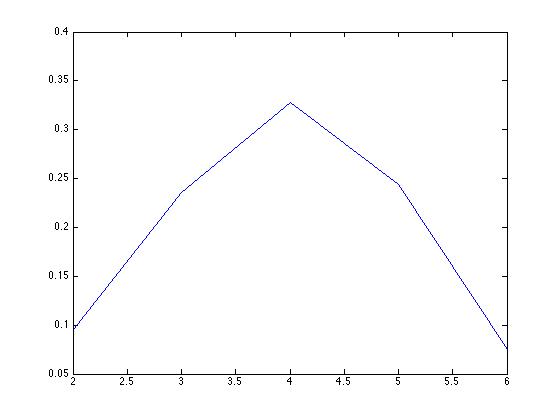
n = 6; % Number of trials

k = 2:n; % Outcomes

m = binopdf(k,n,p); % Probability mass vector

bar(k,m) % Visualize the probability distribution in bar graphic

plot(k,m); % Visualize the probability distribution



(b) Plot the probability mass function and the cumulative distribution function of a geometric distribution for a few different values of the parameter p.

How does their shapes changes as the function of p?

P = 0.5; % Probability of success for each trial

X= 0:25;

Y = geocdf(X,P); % Probability mass vector

bar(X,Y) % Visualize the probability distribution

plot(X,Y);

