**EXPERIMENT NO:1**  RESPONSE OF SYSTEM TO UNIT STEP I/P. Date: 8/1/2013

G(S) = (2s2+5s+1)/(s2+2s+5)

clc

num=[2 5 1]

den=[1 2 5]

to=tf(num,den)

nyquist(to)

title('nyquist plot of 2s^2+5s+1/s^2+2s+3')

grid on;

 OUTPUT



Batch C