Assignment -04

1.)

C/(s)= 1 a.)

Sample Rate = 10 Hz, Time_sampling = 0.15 Please check the mathab code scomments

- please check the mattale code & comments b.)
- c.) Interence: by looking at the transfer function by system i cla analysis, it is both are almost similar & the error apploximate between those two is small.
- d.) matlab code & plot.

2.)

please find the extra correlation graph. a.) The parameters are correlated with the correlation-max being 0,7505.(21) So. the data we correlated and there is a kind ob shift in the geath.

b.). I weed poly-full "for predicting the model. The data was split into 75.1. baining set and 25.1. testing set.

I got the lowest SSE for polynomial order 1, so choosing the best but as order 1 and coefficients are order 1 and coefficients are order 1 and coefficients are please sefer matlab code. A comments.

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I predicted economic growth for 2015