Fourth Order System
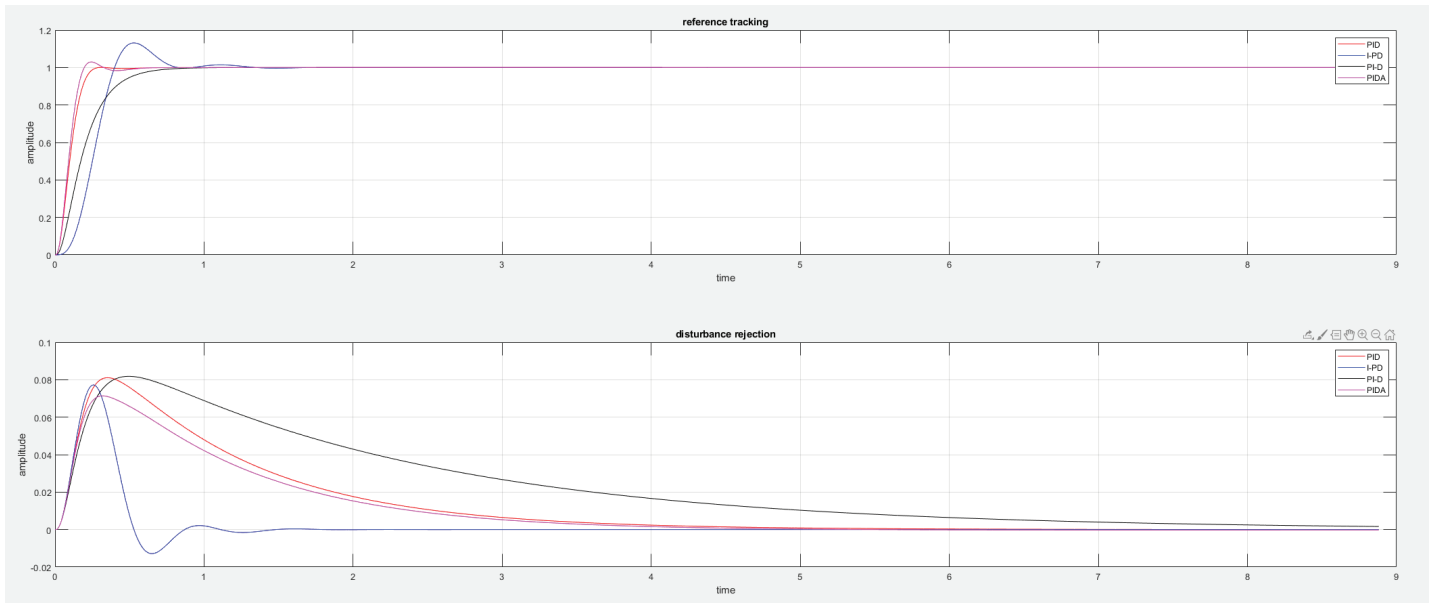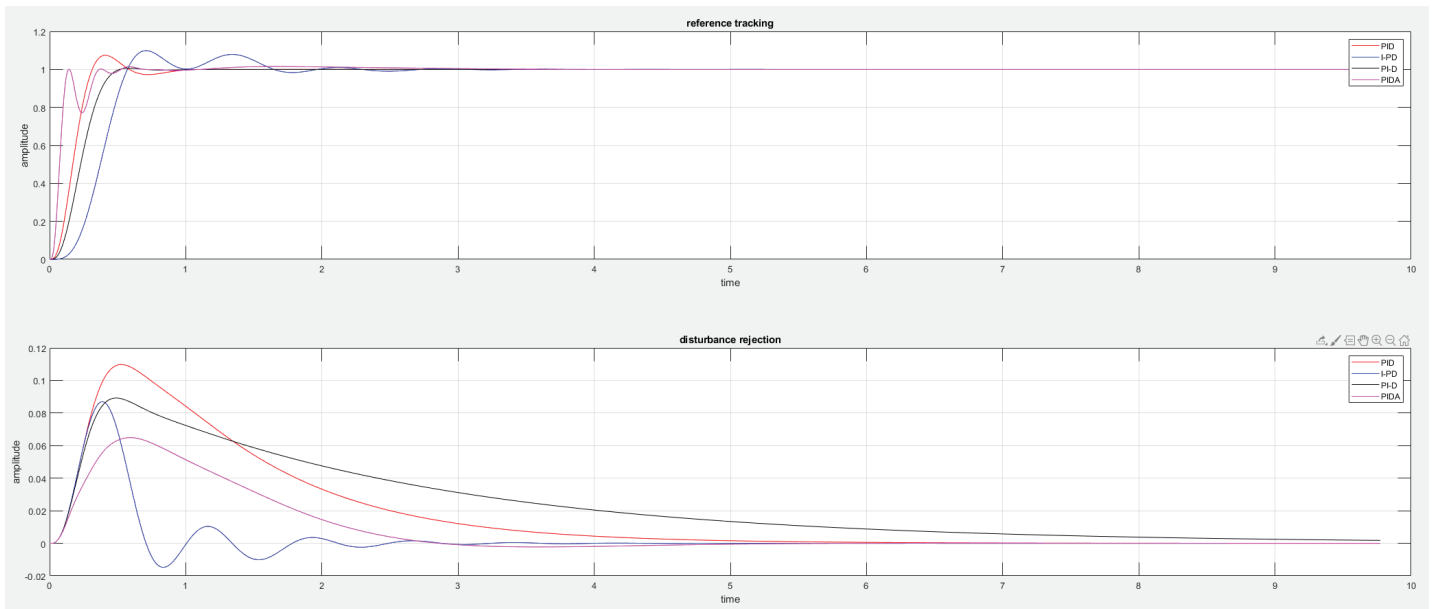
$$G(s) = \frac{1}{(s+1)(1+\alpha s)(1+\alpha^2 s)(1+\alpha^3 s)}$$

$$\alpha = 0.1, 0.2, 0.5, 1.0$$
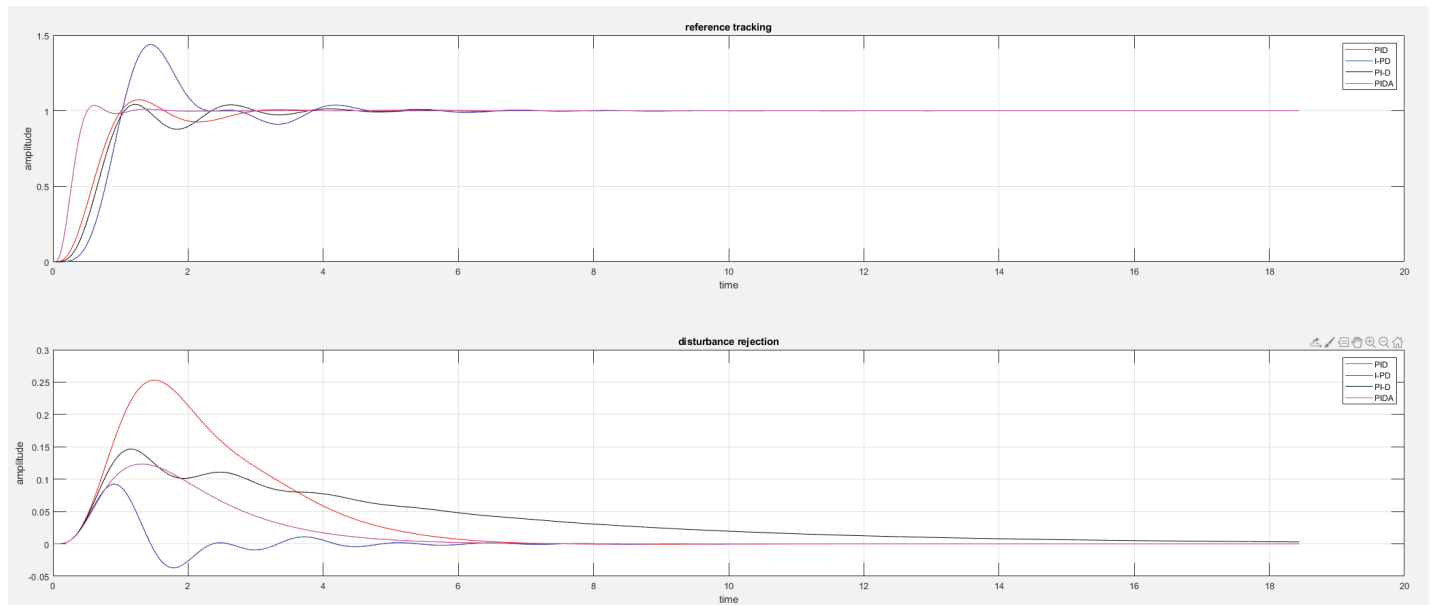
n=0,1

n=0,2

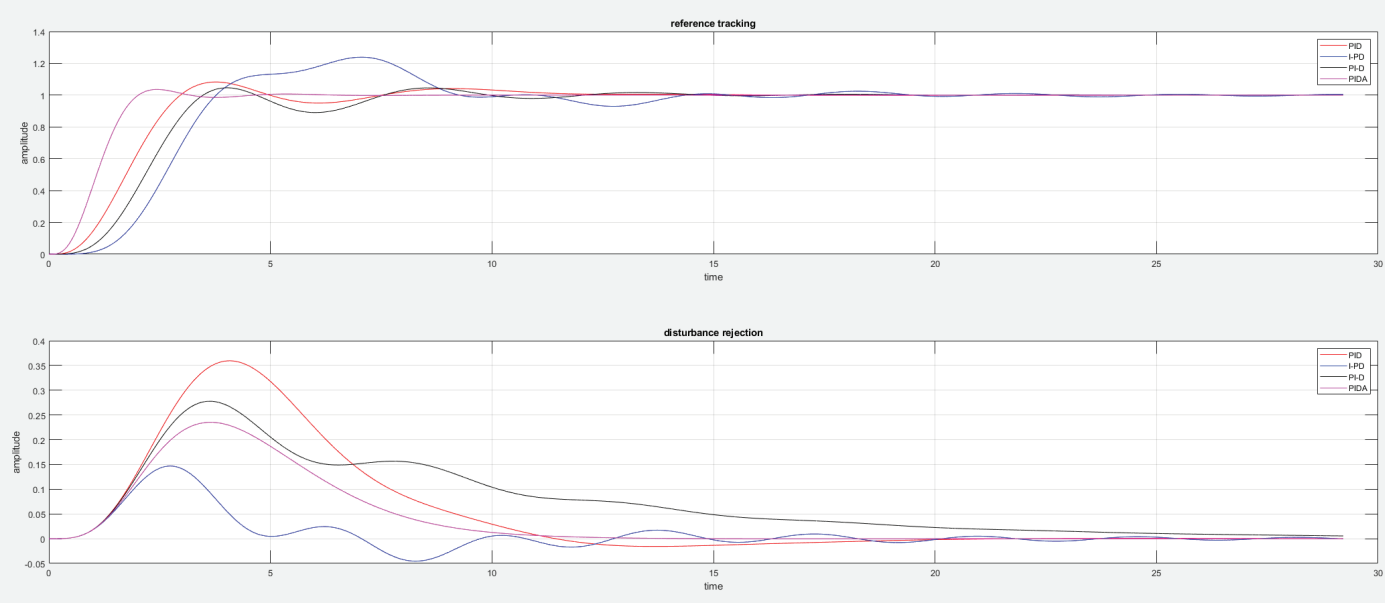## n=0,5

n=1

reference tracking

disturbance rejection

Trend IAE

fourth order system