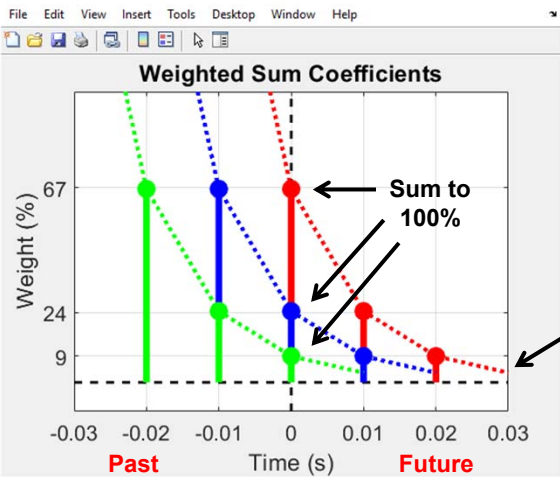
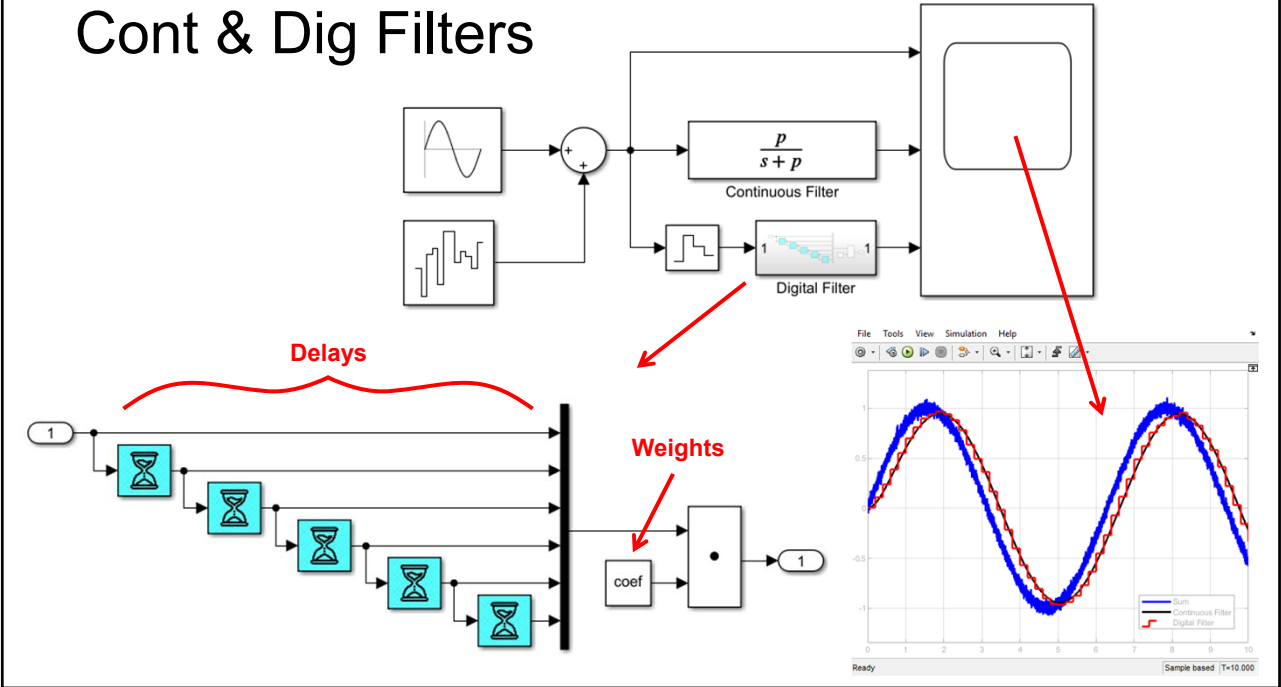


Digital Filter Coefficients: $\hat{n} = 3$

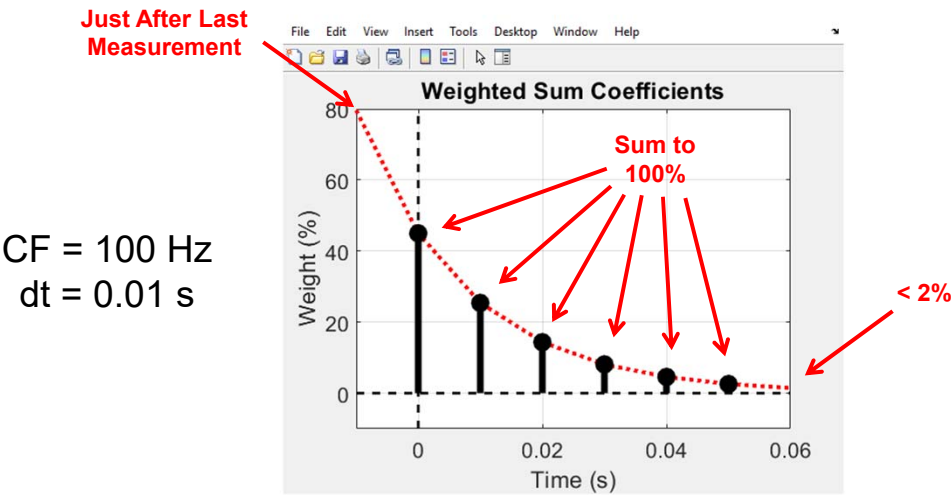
CF = 100 Hz
dt = 0.01 s



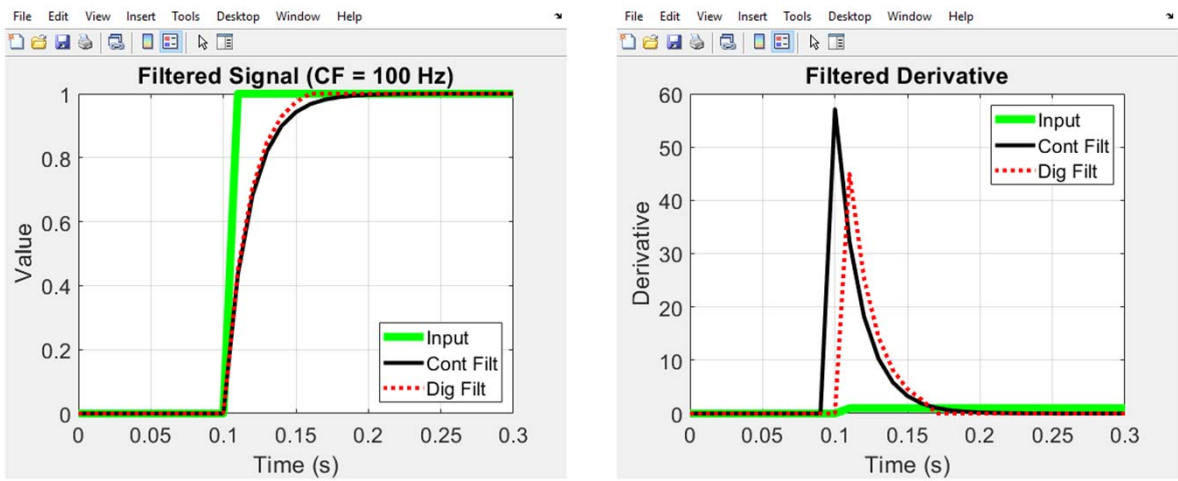
Cont & Dig Filters



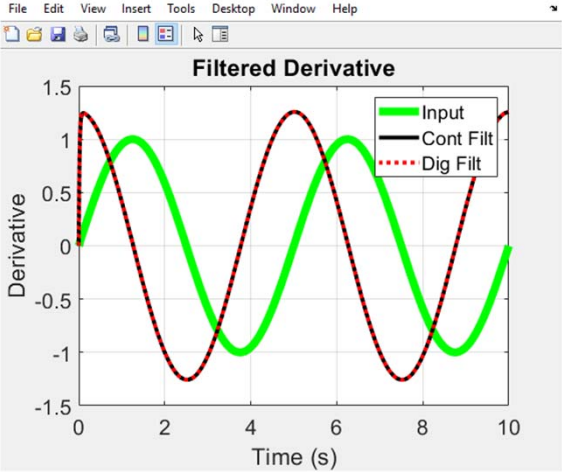
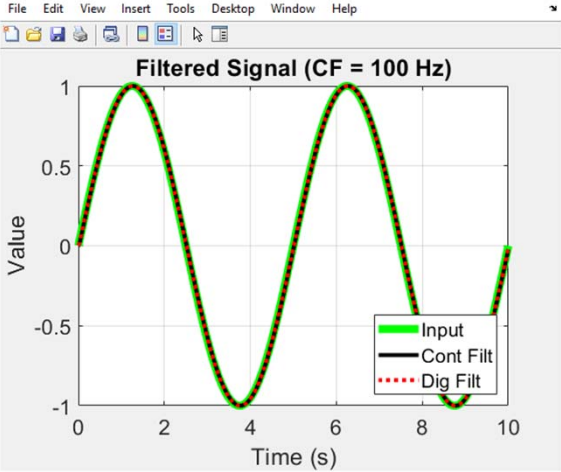
Example: $\hat{n} = 6$



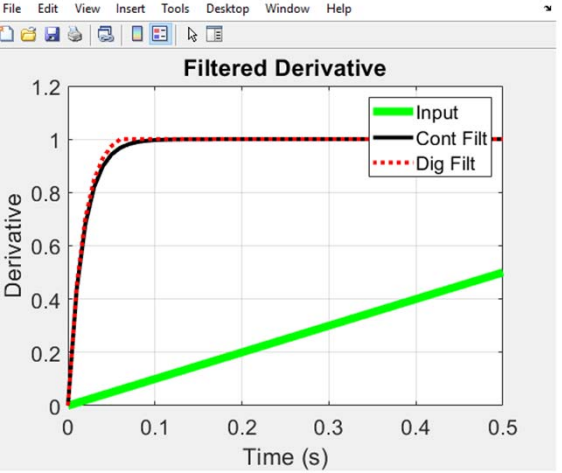
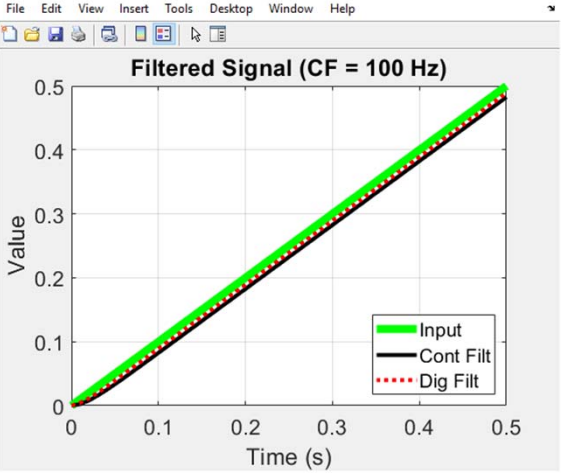
Step



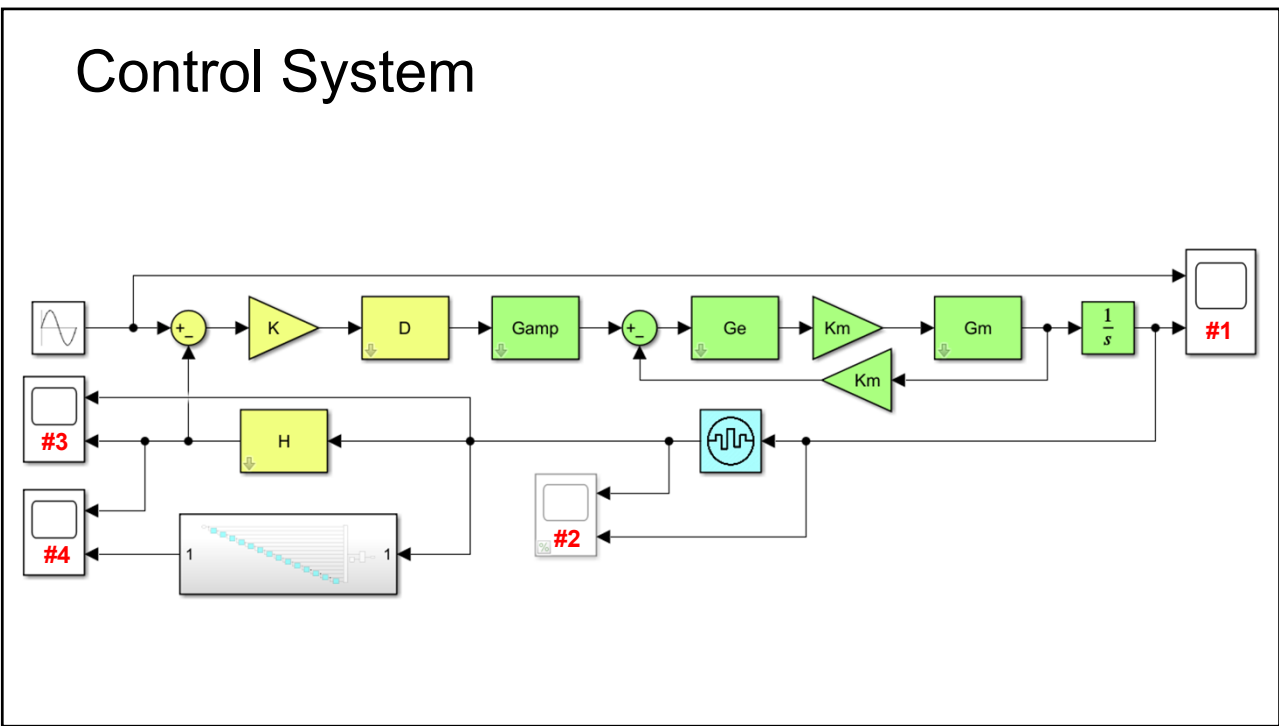
Sine



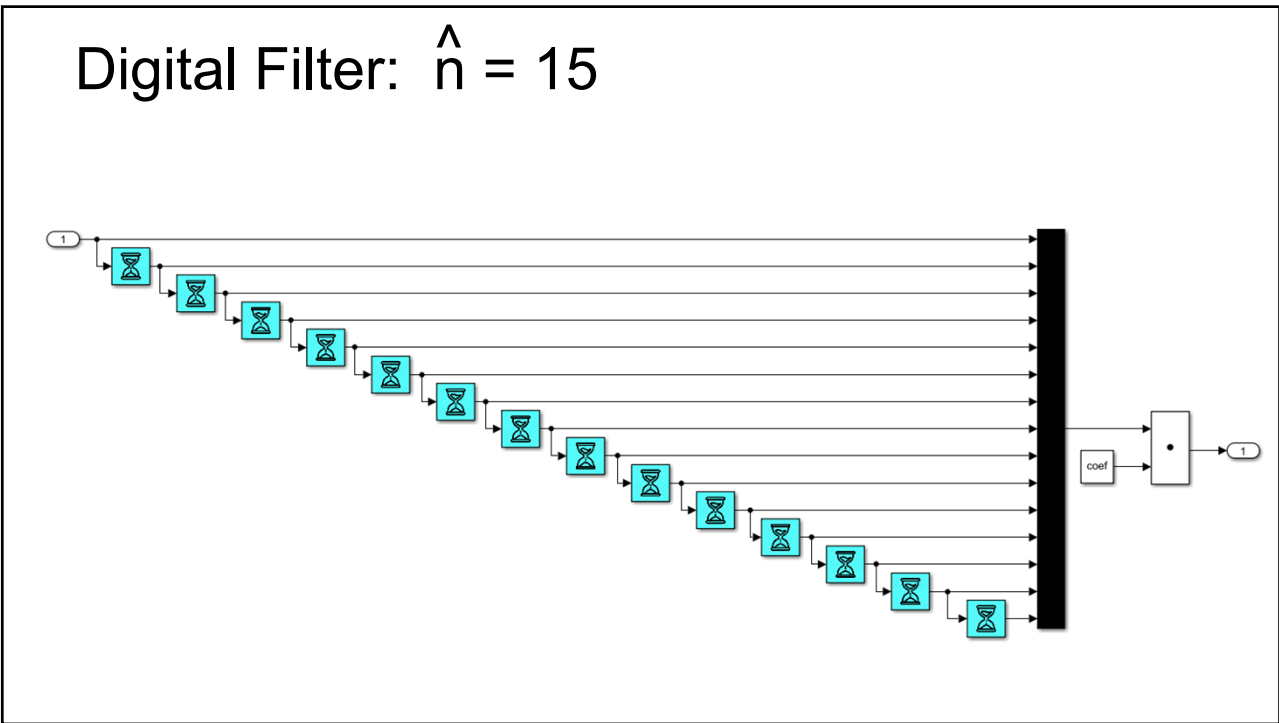
Ramp



Control System

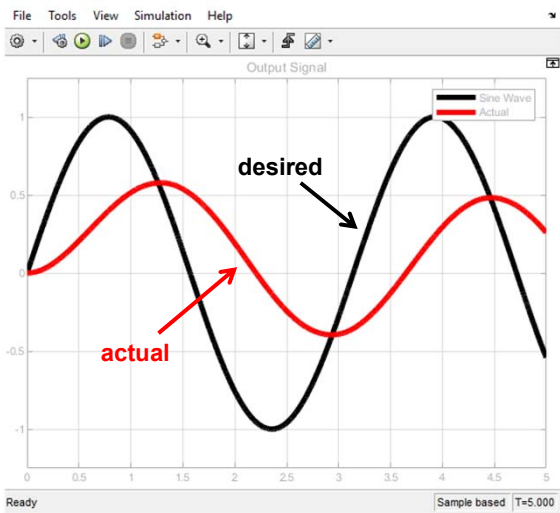


Digital Filter: $\hat{n} = 15$

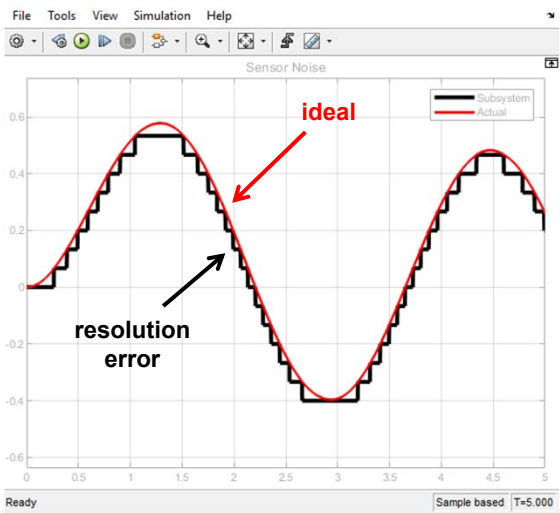


Output & Sensor Noise

#1

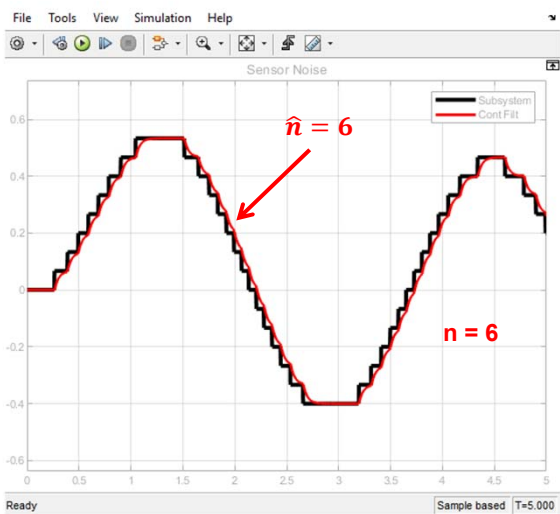


#2



Continuous & Digital Filtering

#3



#4

