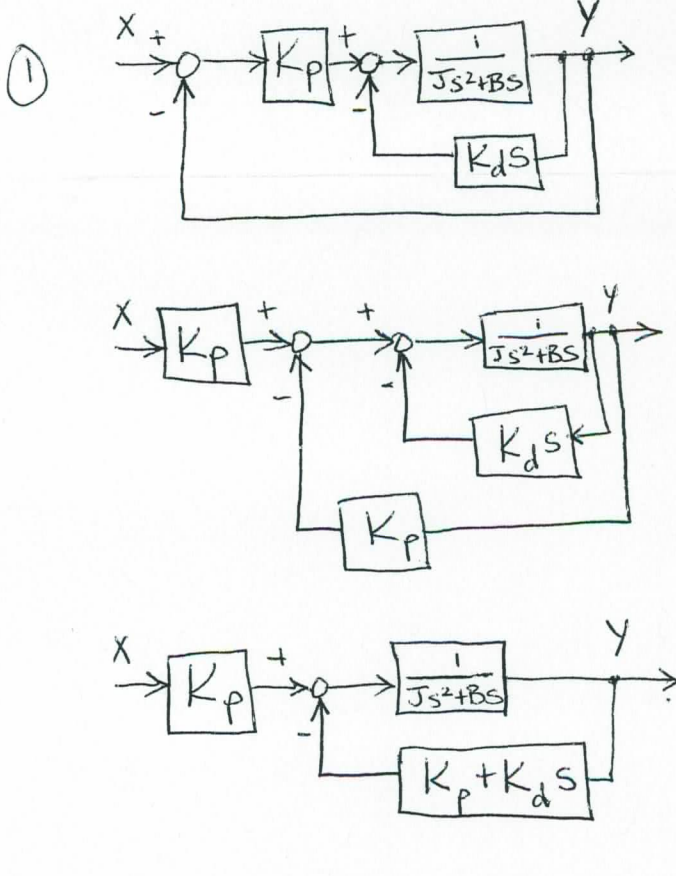
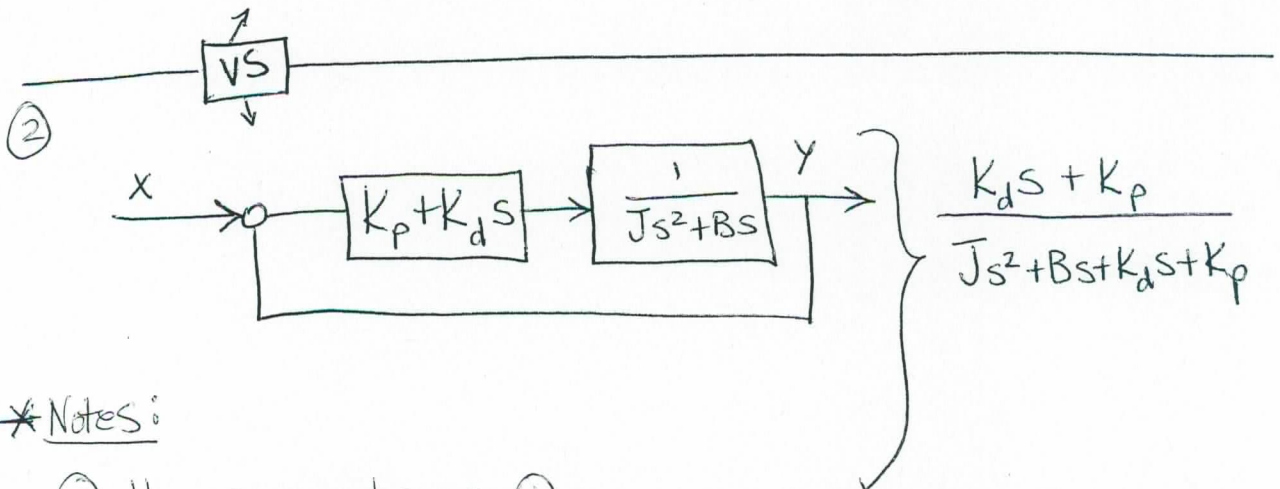


Lecture 6

All 3 are the SAME!



$$\frac{K_p}{Js^2 + Bs + K_d s + K_p}$$



$$\frac{K_d s + K_p}{Js^2 + Bs + K_d s + K_p}$$

*Notes:

② Has same poles as ①.

② Results in ZEROS, as well as poles.

All 4 are considered "PD control".