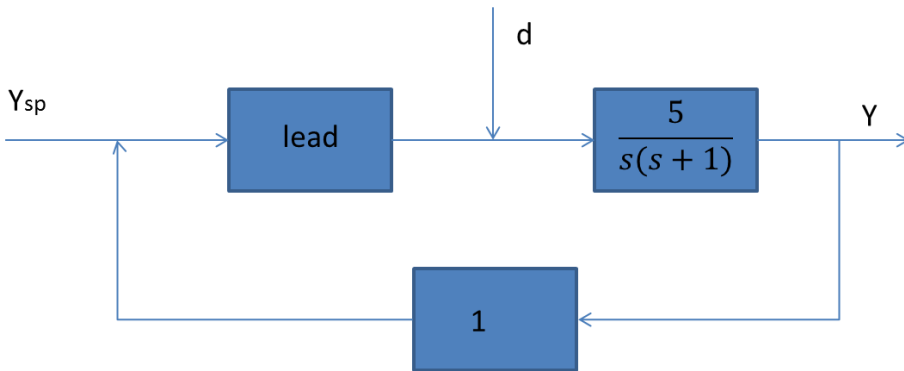


Feedforward



Given a system

$$G(s) = \frac{5}{s(s+1)}$$

Design a lead compensator using root locus giving a 45 degree phase margin

Plot the output Y for step-input on the disturbance d using Matlab

Design a feed forward to compensate for the disturbance d

Plot the output Y for step-input on the disturbance d using Matlab

Do the same for the system below

