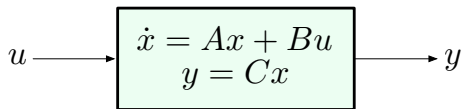


State-Space Realizations



$$G(s) = C(Is - A)^{-1}B$$

Open-loop poles are the eigenvalues of A :

$$\det(Is - A) = 0$$

Then we add a controller to move the poles to desired locations:

