Compensator = dengeleyici

$$C_1(s) = \frac{L(s)}{A(s)} \qquad C_2(s) = \frac{M(s)}{A(s)}$$

$$G(s) = \frac{N(s)}{D(s)} = \frac{s+3}{s^2-s} = \frac{3+1\times s+0\times s^2}{0+1\times s+1\times s^2} = \frac{N_0+N_1 s+N_2 s^2}{D_0+D_1 s+D_2 s^2}$$

$$\Rightarrow \begin{bmatrix} D_0 & N_0 & 0 & 0 \\ D_1 & N_1 & D_0 & N_0 \\ D_2 & N_2 & D_1 & N_1 \\ 0 & 0 & D_2 & N_2 \end{bmatrix}$$

$$\frac{L(s)}{A(s)} = \frac{L_0+L_1 s}{A_0+A_1 s} \qquad \frac{M(s)}{A(s)} = \frac{M_0+M_1 s}{A_0+A_1 s}$$