



$$G(s) = \frac{s + 1/3}{s^2 - 1/12 s - 1/12}$$

$$\begin{aligned} \Rightarrow \text{numGs} &= [1 \quad 1/3] \\ \Rightarrow \text{denGs} &= [1 \quad -1/12 \quad -1/12] \\ \Rightarrow \text{Gs} &= \text{tf}(\text{numGs}, \text{denGs}) \end{aligned}$$

$$\gg S = \text{tf}('s')$$

$$\gg Gs = (s + 1/3) / (s^2 - 1/12*s - 1/12)$$

$$\gg [\text{numGs}, \text{denGs}] = \text{tfdata}(Gs, 'v')$$

