

Factor the polynomials in the transfer functions to obtain the standard form for sketching:

$$(a) \quad TF(s) = \frac{\left(\frac{s}{0.1} + 1\right)}{\left(\frac{s}{1} + 1\right)\left(\frac{s}{10} + 1\right)}$$

$$(b) \quad TF(s) = \frac{\frac{1}{10}\left(\frac{s^2}{0.1^2} + 2s + 1\right)}{\left(\frac{s}{0.5} + 1\right)\left(\frac{s}{2} + 1\right)\left(\frac{s}{6} + 1\right)\left(\frac{s}{6} + 1\right)}$$

