$$(5+1)(s+2)(s+3)$$

$$G(s) = \frac{Y(s)}{R(s)} = \frac{(s+10)K}{s^3 + 6s^2 + (11-K)s + (6+10K)}$$

tabela de Routh:

$$E(s) = \frac{1}{5} - Y(s) = \frac{1}{5} - \frac{(s+10)k}{s(s^3 + 6s^2 + 11 + k)s + 6 + 0 k} = \frac{s^3 + 6s^2 + 11s + 6}{s(s^3 + 6s^2 + 11 + k)s + 6 + 0 k}$$

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02) a)
$$|\dot{x}(\tau_0,\dot{\tau_0},b)| = 0$$
 $|\dot{x}(\tau_0,\dot{\tau_0},b)| = 0$
 $|\dot{x}(\tau_0,\dot{$

$$PD = \frac{1}{2} + \frac{1}{2} +$$