

2 e)

NOTA. se

$OS^2$  implica instavel

pp dois zeros como coeficientes.

$$\begin{array}{c|ccc} 4 & 1 & 6 & 25 \\ 3 & 4 & 12 & \\ 2 & 3 & 25 & \\ 1 & b_{n-1} & b_{n-3} & \\ 0 & -\frac{64}{3} & & \\ & 25 & & \end{array}$$

instavel.

$$s^4 + 6s^2 + 25 \xrightarrow{\text{div}} 4s^3 + 12s$$

$$b_{n-1} = -\frac{1}{4} \left| \begin{array}{cc|c} 12 & -24 & \\ 1 & 6 & \\ 4 & 12 & \end{array} \right|$$

$$b_{n-3} = -\frac{1}{4} \left| \begin{array}{cc|c} 0 & -10 & 0 \\ 1 & 25 & \\ 4 & 6 & \end{array} \right| = 25$$

$$c_{n-1} = -\frac{1}{3} \left| \begin{array}{cc|c} 4 & 12 & \\ 3 & 25 & \end{array} \right| = -\frac{64}{3}$$

muda sinal no polinomio } instavel  
 $OS^2 =$  }  
 o no sim tabela }