Diagraphy Santer Both matricelo: 
$$2019 2023 07: 26: 26: 26: 27.6: 23.6:$$

Digitalizado com CamScanner

$$G(\overline{z}) = (1-z^{-1}) \cdot \overline{z} \left\{ \begin{array}{c} -0.57666 \\ D \end{array} + \frac{1}{D^2} + \begin{array}{c} 0.29 + 0.171 \\ D + 0.865 - 11.5 \end{array} \right\}$$

$$= (1-\frac{1}{2}) \left[ -0.57666.1 + \frac{1}{2} + (0.29 + 0.174).2 + (0.29 + 0$$

$$\frac{2-0.57666+T}{2-1}+\frac{(0.29+40.17)(2-1)}{2-e^{-(0.865-41.5)7}}+\frac{(0.29+0.174)(2-1)}{2-e^{-(0.865-41.5)}}$$

$$(5(2) = -0,57666 + 0.33 + (0.29 + 10.17)(2-1) + (0.29 + 10.17)(2-1)$$

$$\frac{2-1}{2-e} = (0.29 - 10.495)$$

em anexa

3.1 # considerando as condições iniciais notas  $\lambda(5) = \frac{5}{5(5+1)}$  $Y(z) = \frac{z^{2}(z-1)}{(z-1)(z^{2}-\frac{1}{3}z+\frac{1}{4})} = \frac{A}{z-1} + \frac{B}{(z-0.165+10.33)} + \frac{B^{7}}{(z-0.165+10.33)}$ =) A (Z-0.165+j0.33)(Z-0.165-j0.33) + B(Z-1)(Z-0.165+j0.33) + B(Z-1)(Z-0,165+j0.33) = = = (E+1) 至(至十五)= # cam 2=1 A(-0.165+10.33)(-0.165-10.33)=1(1+1) A (0.136125) = 2 \$ A= 14,7/ # com Z = 0.165 - 10.33 B(0.165-f0.33)(-f0.66) = -0.13-f0.99 B = - 0.13 - 10.99