

Controle Digital - Questao 3 - P1

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1

1.

$$G = \frac{14.2}{(z - 1.1284)} \quad (1)$$

$$G_c = \frac{0.0662 * (z - 0.7903)}{(z - 1)} \quad (2)$$

$$G_f = \frac{1}{1} \quad (3)$$

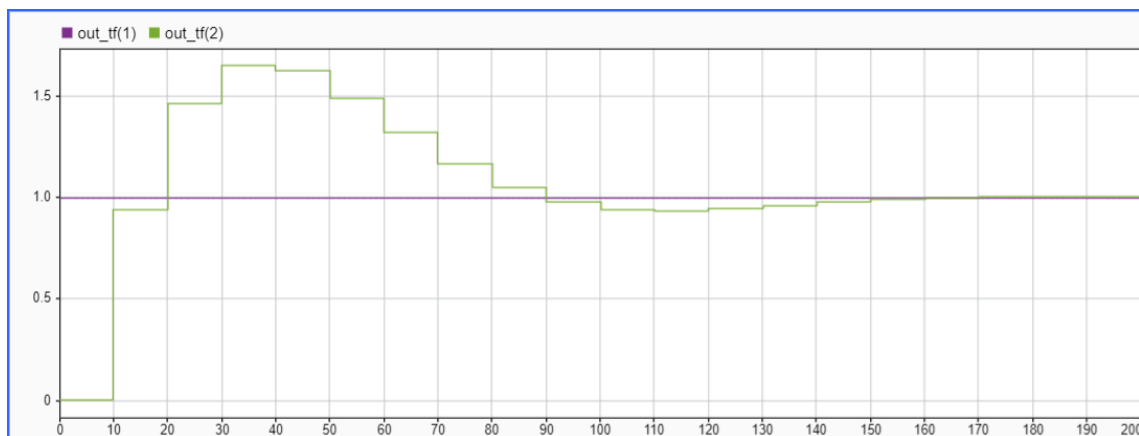
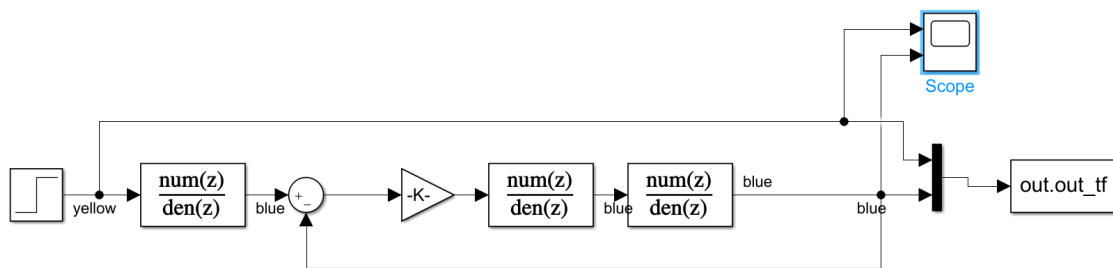


Figure 1. gf=1

Colocando

$$G_f = \frac{1}{4.78 * (z - 0.7903)} \quad (4)$$

,isso é,um polo com mesmo valor do meu zero calculado para cortar e um ganho para ter valor estacionário igual a 1.

