1c) tesis 25/5/2020

$$G(s) = \frac{2000(s+0,5)}{s(s+10)(s+50)}$$

$$= \frac{2000 \cdot 0,5\left(\frac{s}{0,5}+1\right)}{s \cdot 10\left(\frac{s}{10}+1\right)50\left(\frac{s}{50}+1\right)}$$

$$= \frac{2000 \cdot 0,5}{10 \cdot 50} \cdot \frac{\left(\frac{s}{0,5}+1\right)}{\left(\frac{s}{10}+1\right)\left(\frac{s}{50}+1\right)s}$$

$$= \frac{2\left(\frac{s}{0,5}+1\right)}{s\left(\frac{s}{10}+1\right)\left(\frac{s}{50}+1\right)}$$