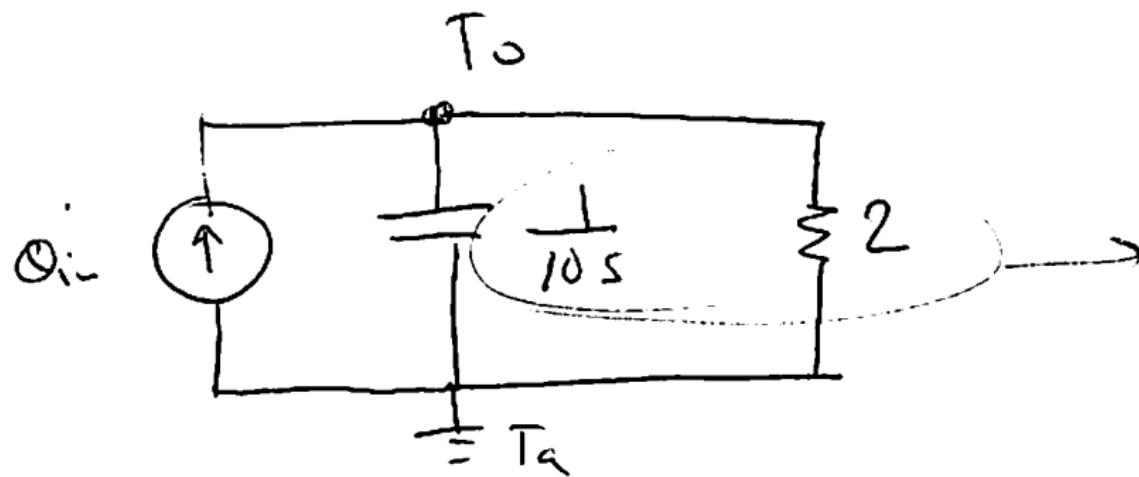
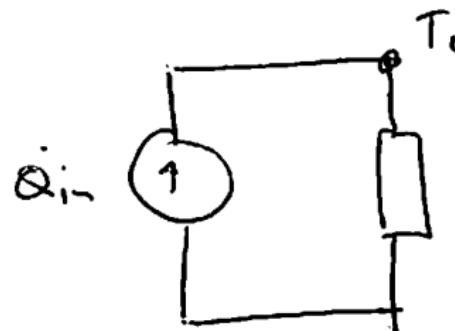


(9)



$$\frac{\frac{2}{10s}}{\frac{1}{10s} + 2} = \frac{2}{20s + 1}$$

$$= \frac{\frac{1}{10}}{s + \frac{1}{20}}$$



$$T_0(r) = \frac{\frac{1}{10}}{s + \frac{1}{20}} \dot{Q}_{in}(s)$$
