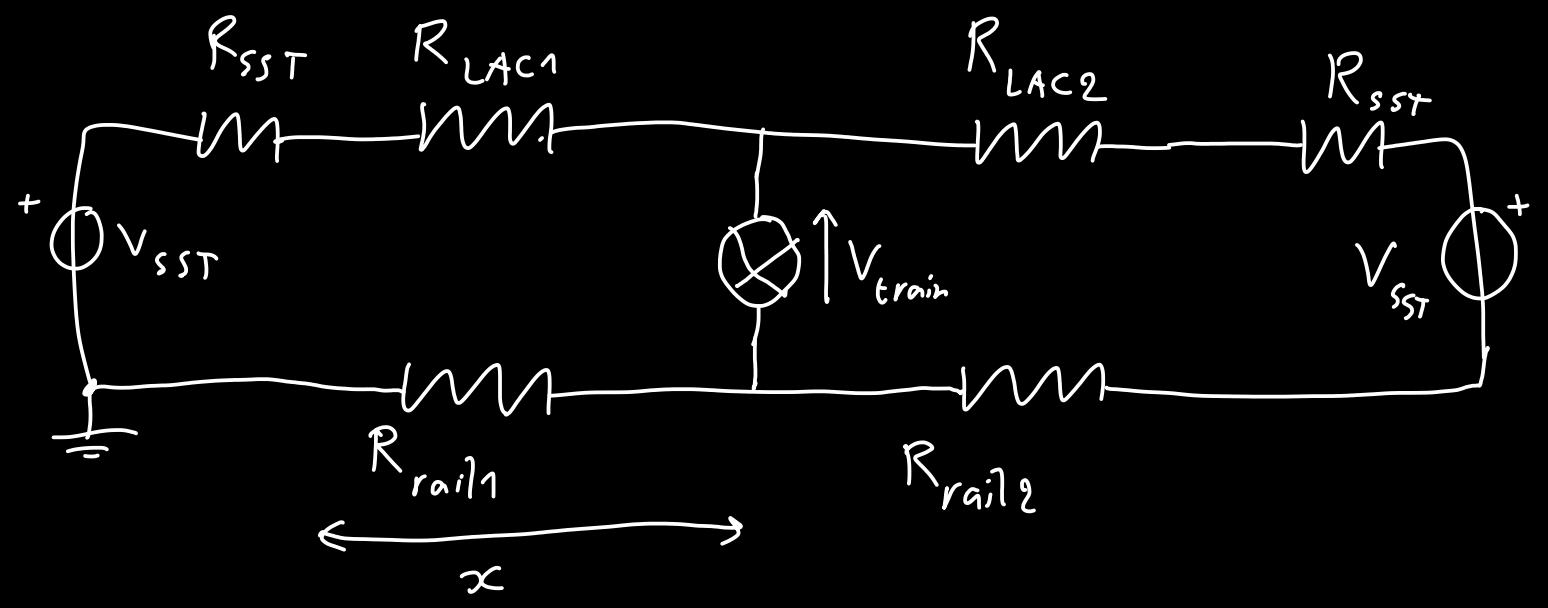
$$\mathcal{P}_{train} = V_{train} \frac{V_{SST} - V_{train}}{R_{eq}}$$

$$R_{eq} = \frac{\left(R_{SST} + R_{LAC1} + R_{rail1}\right)\left(R_{SST} + R_{LAC2} + R_{rail2}\right)}{2R_{SST} + R_{LAC1} + R_{LAC2} + R_{rail1} + R_{rail2}}$$



$$\mathcal{P}_{train} = V_{train} \frac{V_{SST} - V_{train}}{R_{eq}}$$

$$\mathcal{P}_{train} = \left(V_{train} V_{SST} - V_{train}^2 \right) \frac{1}{R_{eq}}$$