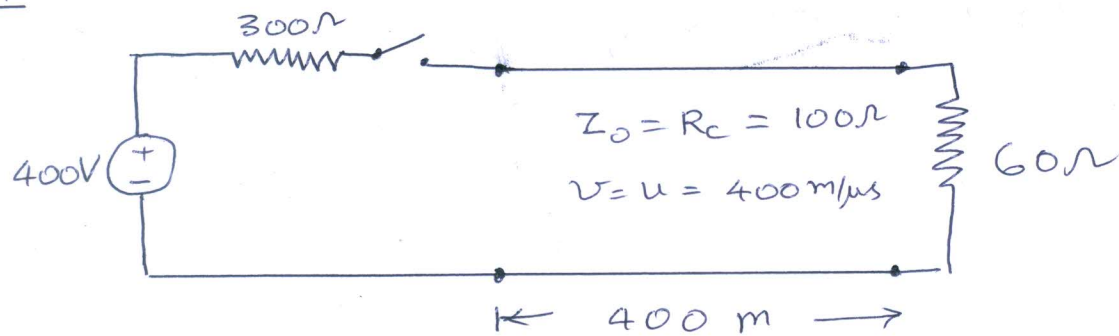
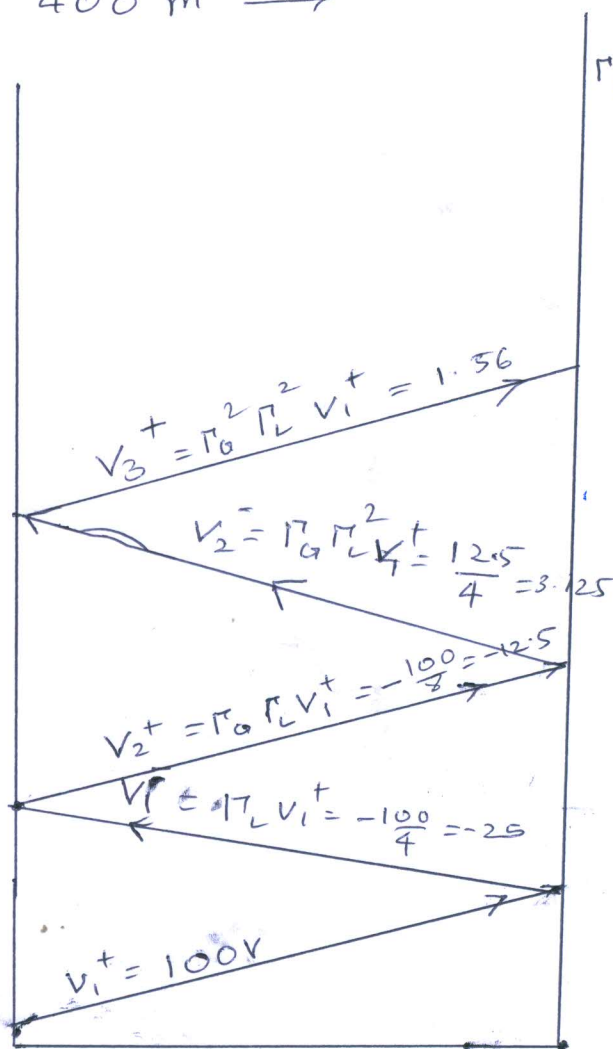


6.31



$$\Gamma_g = \frac{(300 - 100)}{(300 + 100)} = 1/2$$

$$\Gamma_L = -\frac{1}{4} = \frac{(60 - 100)}{(60 + 100)}$$



$$\text{Steady state Voltage} = \frac{60 \times 400}{300 + 60} = 66.67 V$$