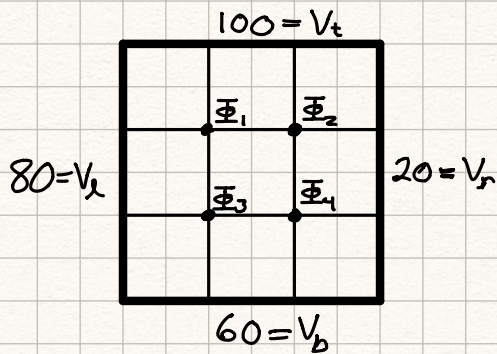


Darwin Quiroz
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Verify the #'s obtained from Table 1.2 :



$$\begin{aligned}\Phi_1 &= \frac{1}{4} (\Phi_2 + \Phi_3 + V_t + V_l) \\ &= \frac{1}{4} (65 + 65 + 100 + 80) = 77.5\end{aligned}$$

$$\begin{aligned}\Phi_2 &= \frac{1}{4} (\Phi_1 + \Phi_4 + V_r + V_t) \\ &= \frac{1}{4} (77.5 + 65 + 20 + 100) = 65.625\end{aligned}$$

$$\begin{aligned}\Phi_3 &= \frac{1}{4} (\Phi_1 + \Phi_4 + V_b + V_l) \\ &= \frac{1}{4} (77.5 + 65 + 60 + 80) = 70.625\end{aligned}$$

$$\begin{aligned}\Phi_4 &= \frac{1}{4} (\Phi_2 + V_r + V_b + \Phi_3) \\ &= \frac{1}{4} (65.625 + 20 + 60 + 70.625) = 54.0625\end{aligned}$$

Step 1 Results

$$\begin{aligned}\therefore \Phi_1 & 77.5 \\ \Phi_2 & 65.625 \approx 65.63 \\ \Phi_3 & 70.625 \approx 70.63 \\ \Phi_4 & 54.0625 \approx 54.06\end{aligned}$$