





$$\frac{V_3 - 0}{2} + \frac{V_3 - V_2}{10} - 1 - 5 + \frac{V_3 - V_1}{10} = 0$$

$$\frac{-V_1 - V_2 + V_3 \left[\frac{1}{2} + \frac{1}{10} + \frac{1}{15}\right] = 6 - 3}{15}$$

$$I_{15} \rightarrow V_{1} - V_{3} = 33.69 - 13.93 = 1.32A$$

9. Petromine the aurent through the galvanometer "(,". Also write network equations using inspection method.







