A/H/P-I - CIRCUIT ANALYSIS 2/9/22 $\frac{1}{\sqrt{3-\sqrt{2}}}$ $\frac{V_2-V_1}{10} + \frac{V_1-V_2}{6} - \frac{V_1-50}{10} = 0$ _3 51.05 V2 = 50.5 $V_1 - 5V_2 - 1V_3 = 0$ $\frac{V_1-50}{5} + \frac{V_1-V_2}{10} + \frac{V_3-V_2}{6} + \frac{V_3-52}{8} = 0$ $\frac{V_2 - V_1}{10} + \frac{V_2 - V_3}{6} - \frac{V_1 - 50}{10} = 0$ Solving (D, (2), (3) V1 = 51.5 V V2 = 51.62 V V3 - 50.81 V 5Ty Ty <52 8-1 50V 0.5] 52 V





