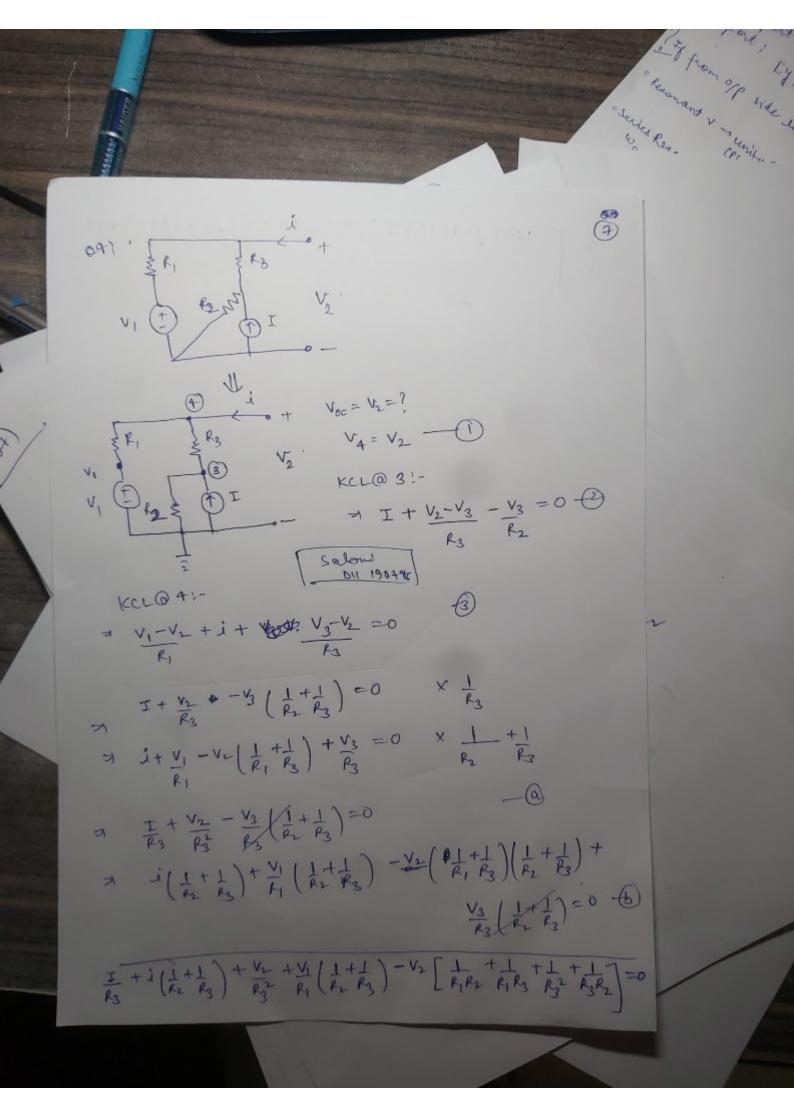
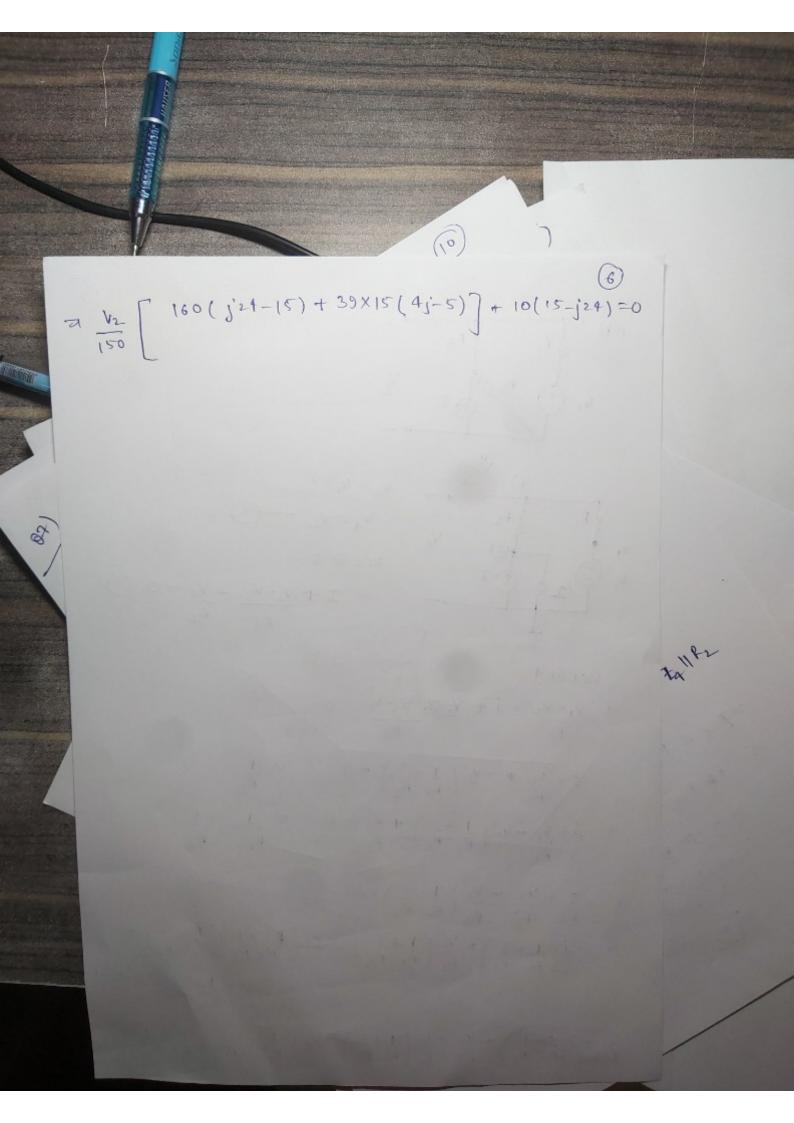
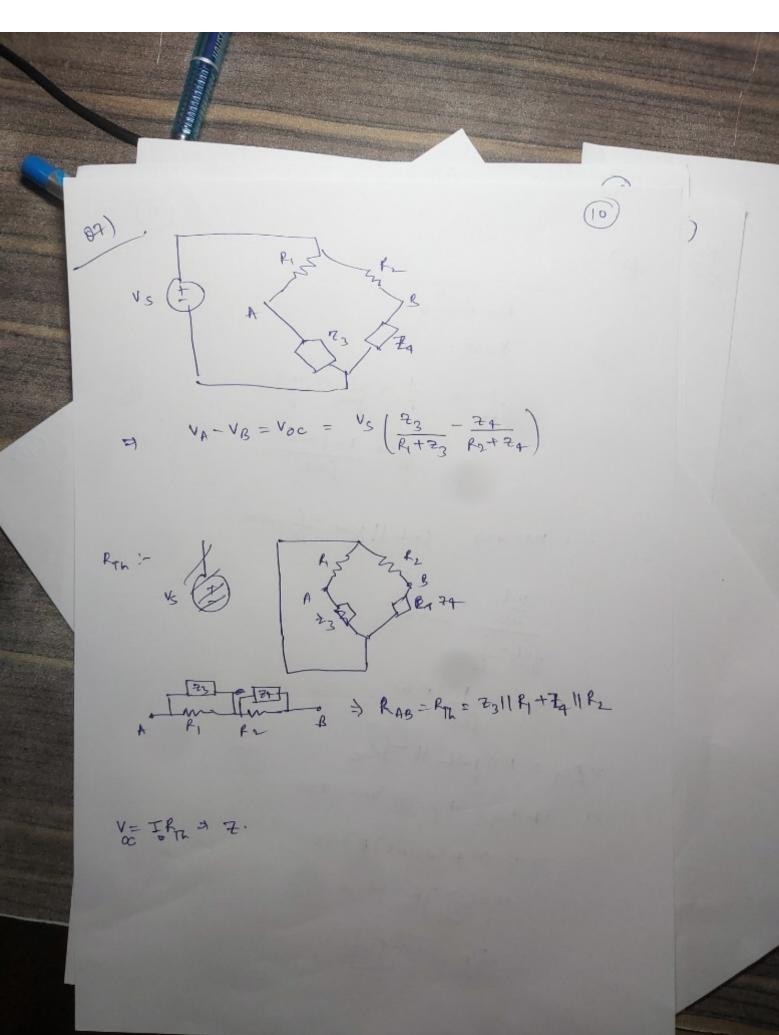


(0) $\frac{15+j24}{15+j24} \left(\frac{2j}{-15}\right) =$ $-V_{2} \left[\frac{30j' - 18j' - 15}{888568} \right] + 1020° = 0$ $\frac{1}{15+j24} + \frac{2j}{15} + \frac{2j}{15} + \frac{12j-15}{15\times6} + 1020 = 0$ Saloni Dabgor $\frac{2(\frac{2}{15})(\frac{24V_2-225}{15+j24})+V_2(\frac{4j-5}{30})+1020=0$ $4 \quad V_{2} \left[\begin{array}{c} 48 \\ 225 + j360 \end{array} \right] + \frac{4j-5}{15+j24} - \frac{30}{15+j24} + \frac{1000}{15+j24} = 0$ $\frac{48}{15} \left(\frac{1}{15+j^{24}} \right) \left(\frac{15-j^{24}}{15-j^{24}} \right)$ $\frac{48(15-j24)}{15(225+(-24x24))} = \frac{48(15-j24)}{-15x397}$ $\frac{1}{15} \sqrt{15} = \frac{16(j_24-15)}{15\times117} + \frac{4j_-5}{30} + \frac{30(15-j_24)}{35} = 0$ $\frac{3}{144} \left[\frac{16(j24-15)}{15^{12}} + \frac{39}{114}(4j-5) + \frac{10(15-j24)}{117} = 0 \right]$

+ 3 (1+1 (R2 R3







60 00 for max V! & was. Per = P + 1 - we = 1 + 1-jw2LC MAXVEY JUL 11 DE TO TO whe was -> 00 7 2500 = 1 EW > Reg = RIIjWL 11 - INO = i + 7 eq = 40 @ W= 2900 7 1 0. 4 coscut) P = 80 a (D'4) R = 80 DR= 200/2

a[R= 250/2]

