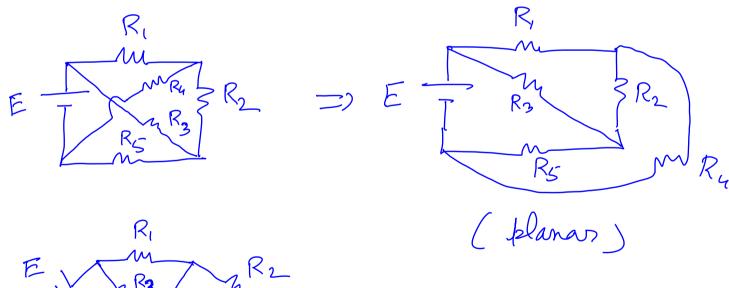


Mesh - a loop which does not contain any other does.

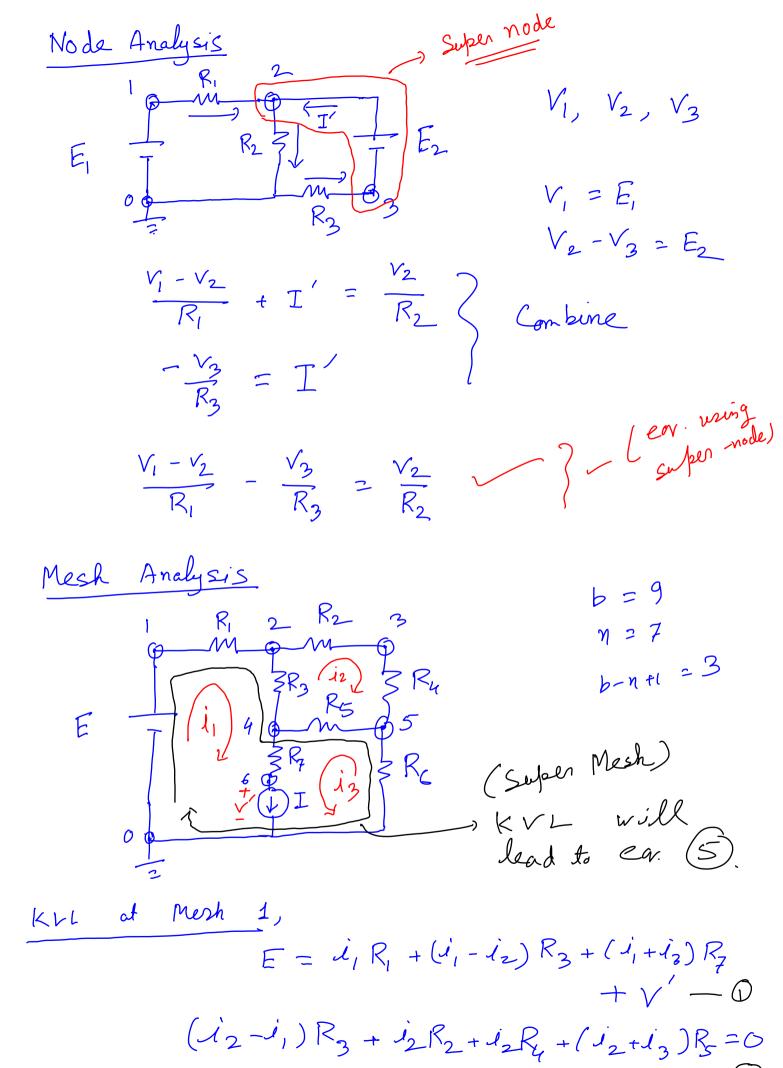
Loops -> 6

Meshs -> 3

For planar circuits, use Mesh currents as independent variables __



non-planar)



____(2)

 $(i_{3}+i_{1})R_{7}+V'+i_{3}R_{6}+(i_{3}+i_{2})R_{5}=0$ Adding (1) and (3) $E+i_{3}R_{6}+(i_{3}+i_{2})R_{5}=i_{1}R_{1}+(i_{1}-i_{3})R_{3}$ $I_{1}+I_{3}=I$ Whe (2), (4) and (5) to solve for $I_{1}, I_{2} \text{ and } I_{3}.$