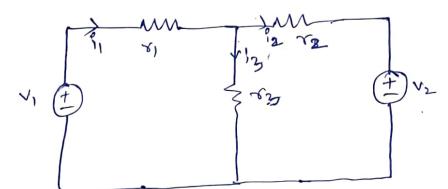
* Super position theorem:

In any linear retwork containing two cord more sources, the response in any element its equal to the algebraic sum or the response coursed by individual sources acting alone, while the other sources are non-operative.

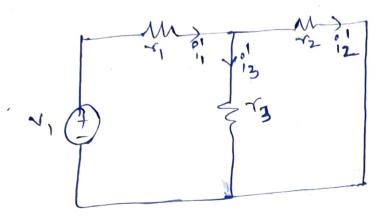
to while considering the effect of individual forcer, other ideal vortage sources and ideal current fources in the network are replaced by short chreat and open circuit across their terminals.

responses, it is applicable for computing voctage and current responses.

to consider a draut:

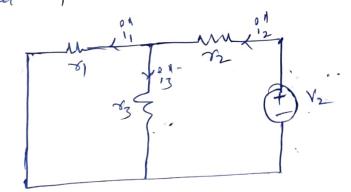


and v2 is short circuited.



Here
$$\frac{v_1}{v_2 + v_3} = \frac{v_1}{v_2 + v_3}$$

and v, is short characted.



$$\int_{1}^{2} = \frac{\lambda^{1} + \lambda^{2}}{\lambda^{1} + \lambda^{2}} + \lambda^{2}$$

during application or superrposition, the direction or convents calculated should be taken care.