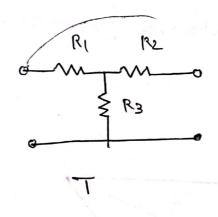


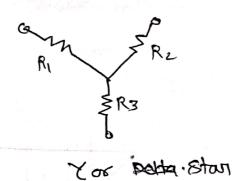
(1) Balanced condition $\frac{5}{4} = 1.6 \text{ also fails.}$

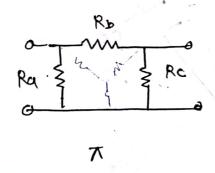
6 Norther 11 nor series Connection is seen.

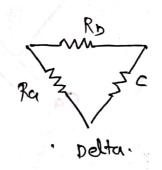
Nuti - When element are connected neither in Sories nor in farallel to reduce the how.

STAR- DELTA Transformation is used.









Delta to Star !-

$$R_1 = \frac{R_0 R_b}{R_{at} R_{bt} R_c}$$

$$R_2 = \frac{R_b R_c}{R_a + R_b + R_c}$$

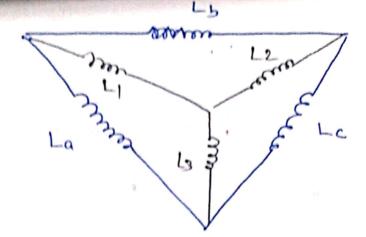
Stanto Delta

$$R_{cl} = \frac{R_1R_2 + R_2R_3 + R_3R_1}{R_{Z}}$$

$$R_{b} = \frac{R_{1}R_{2} + R_{2}R_{3} + R_{3}R_{1}}{R_{3}}$$

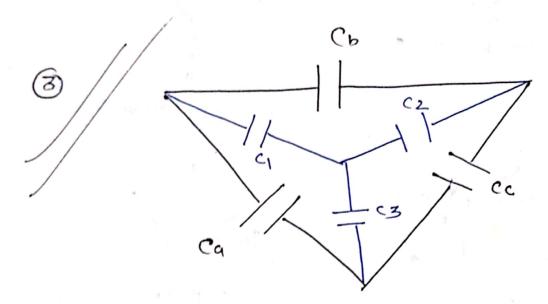
$$R_{C} = \frac{R_{1}R_{2} + R_{2}R_{3} + R_{5}R_{1}}{R_{1}}$$





Nation - The procedure of transformation from starto delta and delta to start for the resistor, inductors, & impedance is

some.



$$\frac{1}{c_1} = \frac{\frac{1}{c_a} \frac{1}{c_b}}{\frac{1}{c_b} + \frac{1}{c_b} + \frac{1}{c_b}}$$

$$\frac{1}{c_2} = \frac{c_5 c_c}{c_4 + c_5 + c_c}$$

$$Cq = \frac{1}{c_1} \frac{1}{c_2} + \frac{1}{c_2} \frac{1}{c_3}$$

