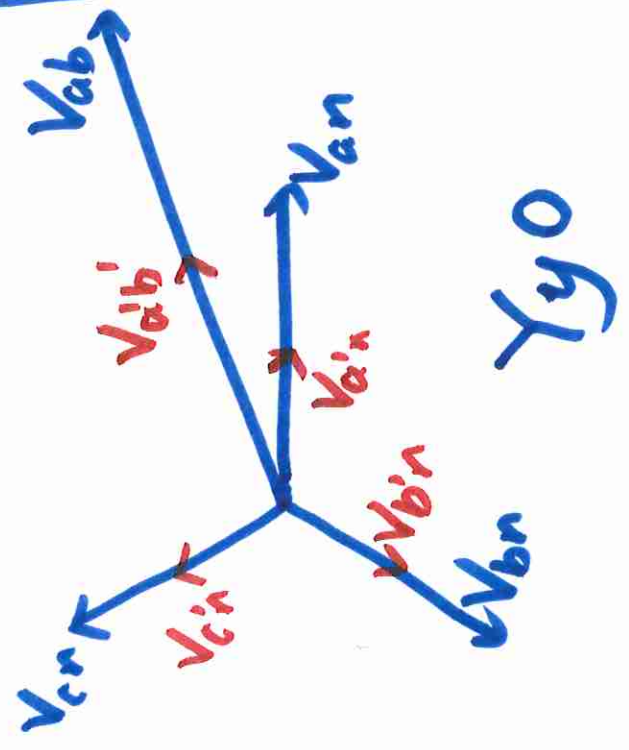
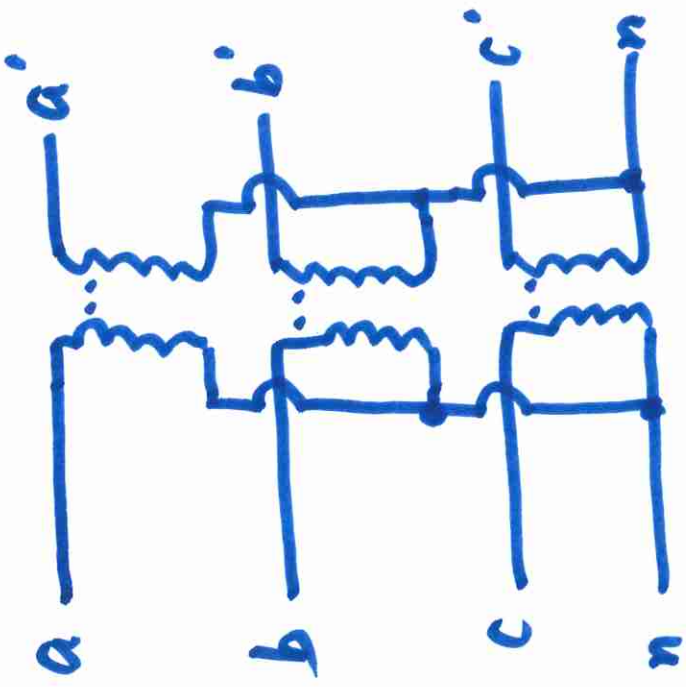
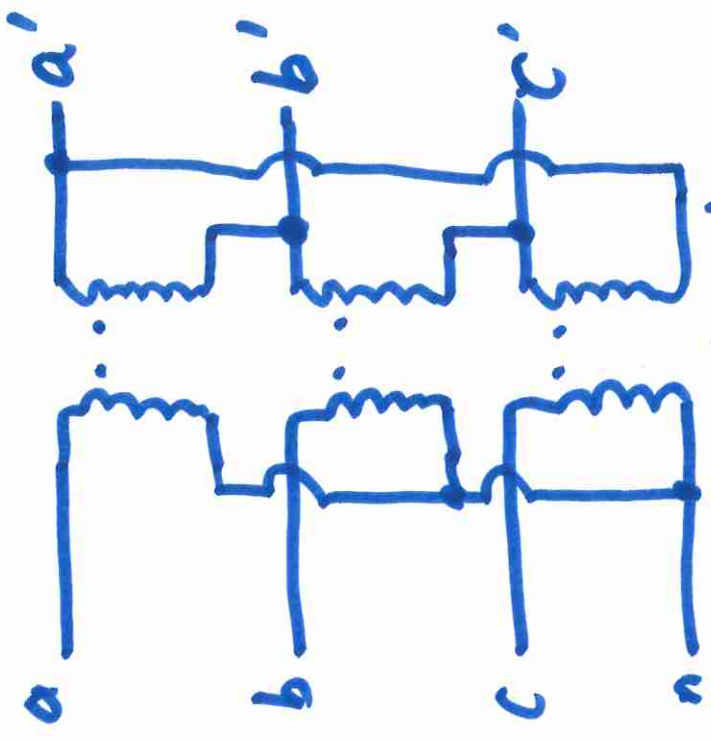


Y-Y

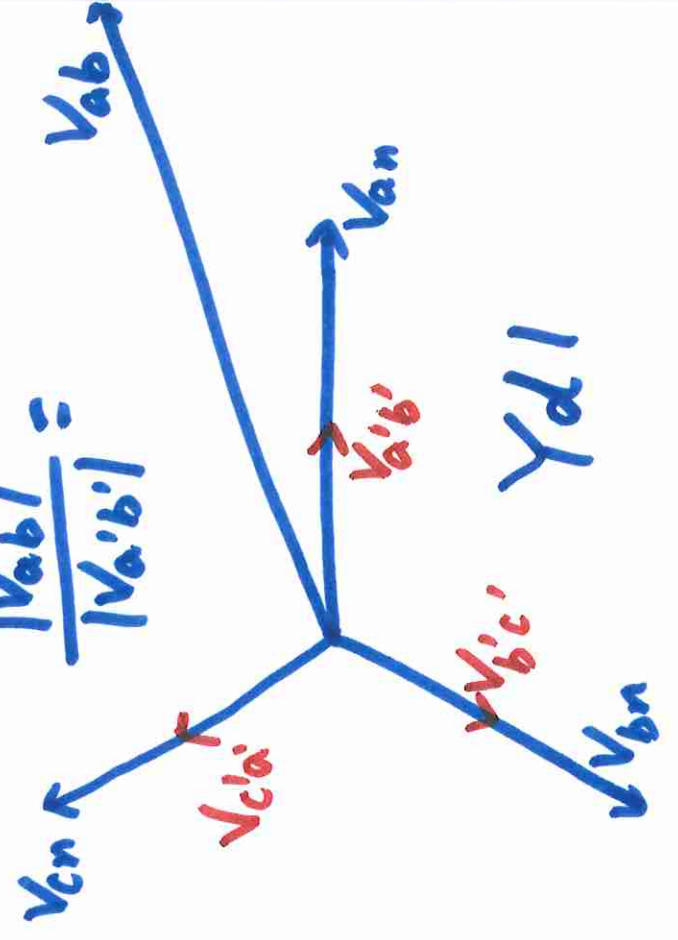


Y<sub>Y0</sub>

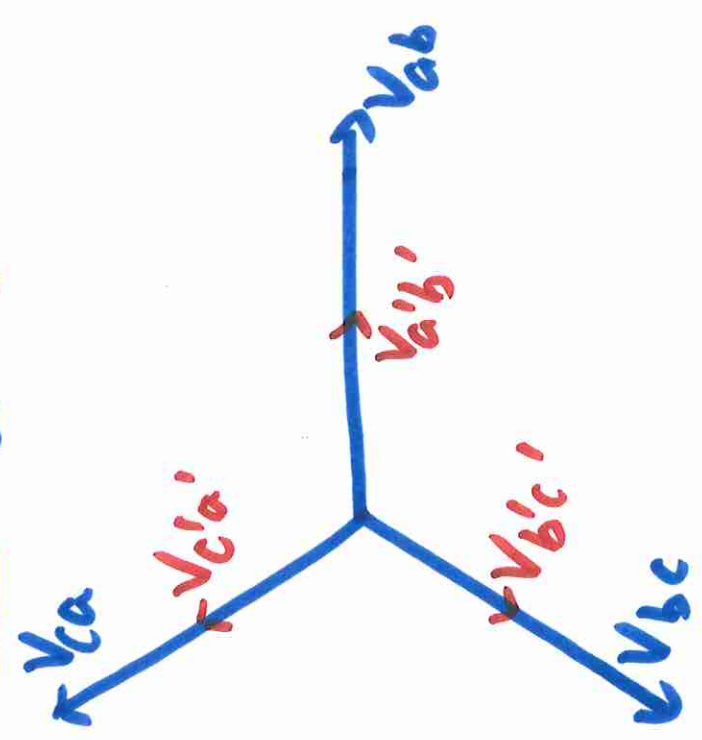
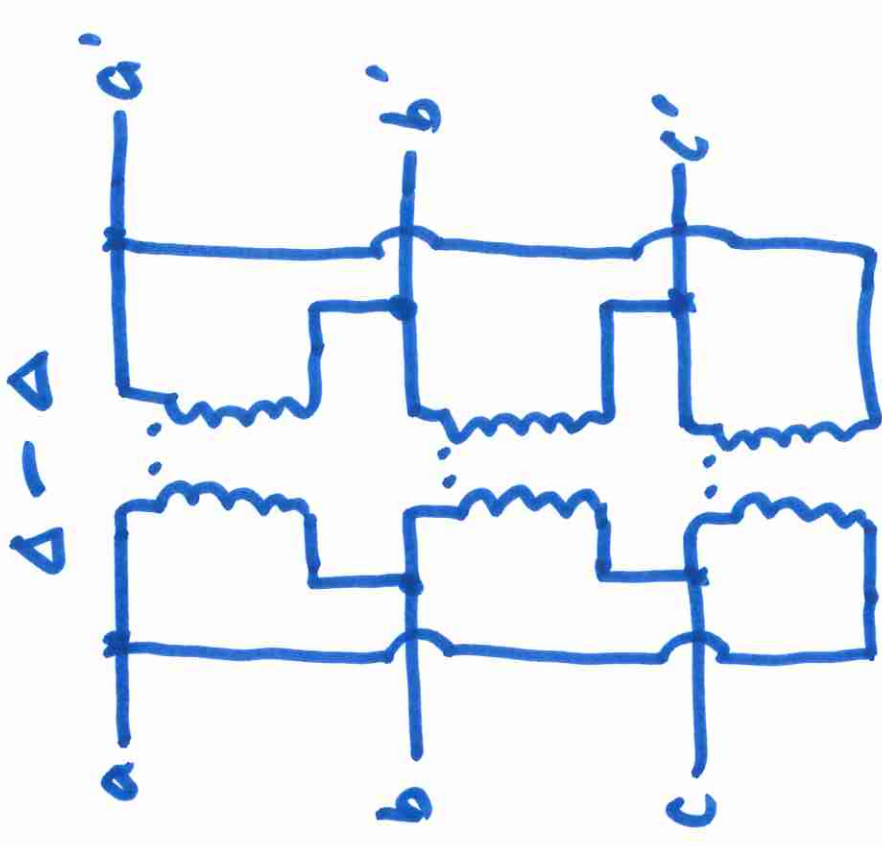
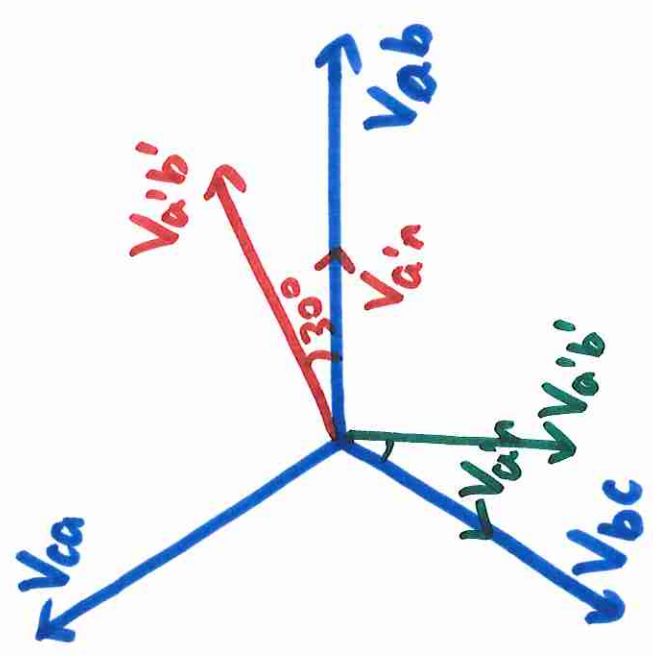
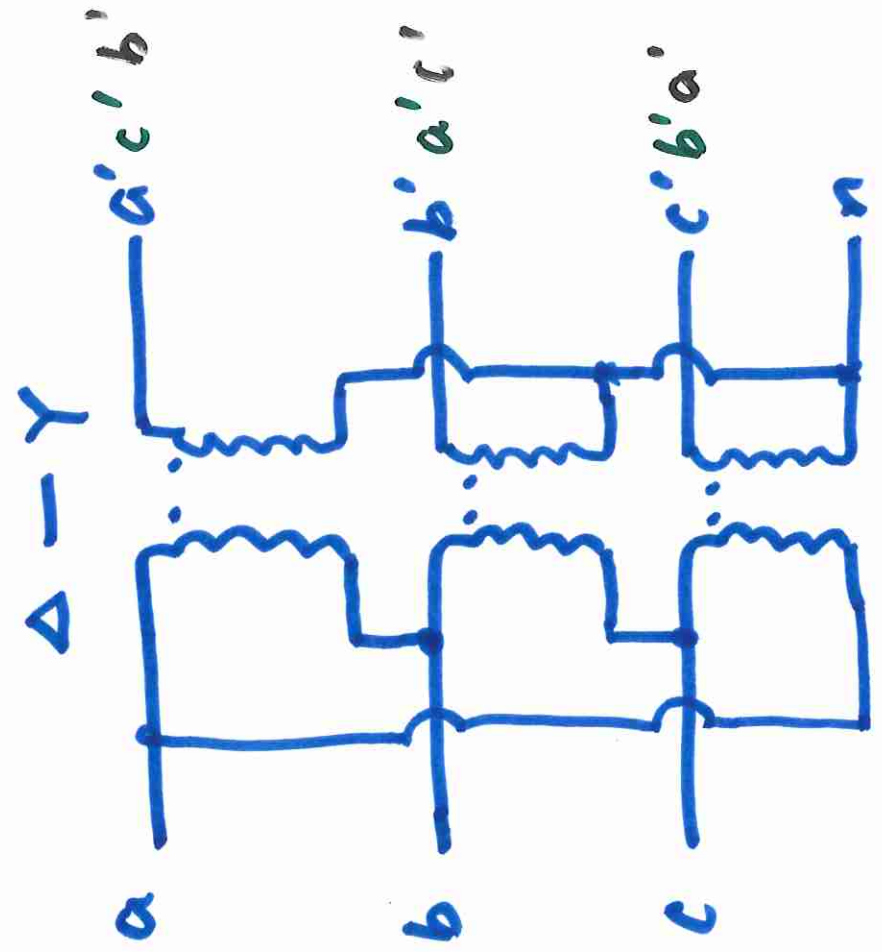
Y-Δ



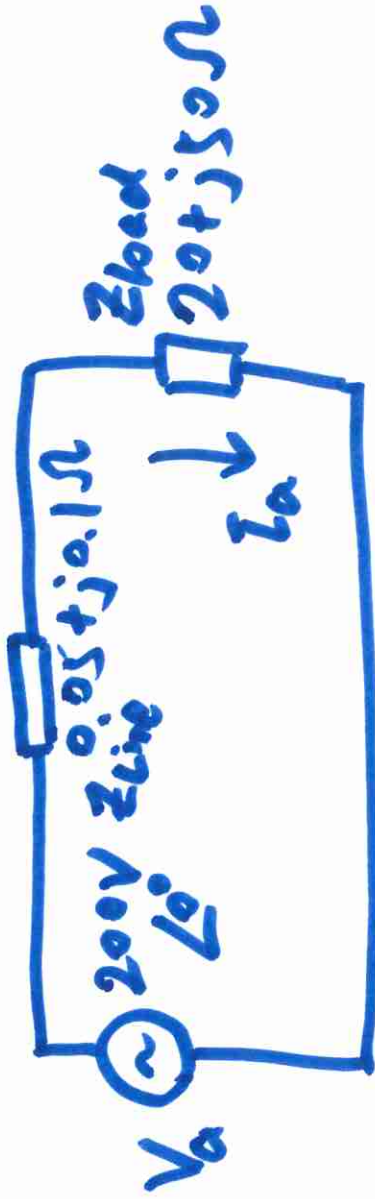
$$\frac{|V_{ab}|}{|V_{a'b'}|} =$$



Y<sub>Δ1</sub>



$$I_a = \frac{V_a}{Z_{total}}$$



$$V_{a, pu} = \frac{V_a}{V_{base}} = 1.0 \angle 0^\circ$$

$$I_{a, pu} = \frac{I_a}{I_{base}}$$

$$V_{base} = 200V$$

$$I_{base} =$$

$$S_{base} = V_{base} \cdot I_{base} = 1000VA$$

$$Z_{base} = \frac{V_{base}}{I_{base}} = \frac{V_{base}^2}{S_{base}} = 40\Omega$$

$$Z_{line, pu} = \frac{Z_{line}}{Z_{base}} = \frac{(0.05 + j0.1)\Omega}{40\Omega} =$$