



$$I = I_{R_1} = I_{R_2} = I_{R_0} = 1$$
 = 0.656.  $L-90$ 

000

W/A

10,

$$I_R = I_{R1} + I_{R2} + I_{R0} = 1.968$$
 so respect surface?

 $I_W = 0$ ,  $I_B = 0$ .

Three phase:

$$\frac{1}{2}$$
  $\frac{1}{2}$   $\frac{1}$ 

$$I_R = \alpha I_{R_1} = 1.5550 = 0.5550$$
 $I_W = \alpha^2 I_{R_1} = 1.555 \angle 240$ 
 $I_B = \alpha I_{R_1} = 1.555 \angle 120$ .

$$|\underline{I}_{R}| = \underline{I}_{968} \Rightarrow \text{all the three } \underline{I}_{W} = 0 = \underline{I}_{B}$$

$$|\underline{I}_{R(3\phi)}| = \underline{I}_{968} \Rightarrow \text{all the three } \underline{I}_{W} = 0 = \underline{I}_{B}$$

$$|\underline{I}_{R(3\phi)}| = \underline{I}_{968} \Rightarrow \underline{I}_{W(3\phi)} \Rightarrow \underline{I}_{96\phi}$$

Negative seq = j0.159Zero sequence: j0.1 = j0.0579 j0.1374  $I_{R_1} 0.189 0.189 0.1890.0579$   $I_{R_2} I_{R_0} I_{R_1} = I_{R_2} I_{R_0} = 0....$  = 2.66

The rest is the same as before.

<u>Generator</u>.

Zo Changes to jo.30.

2.30