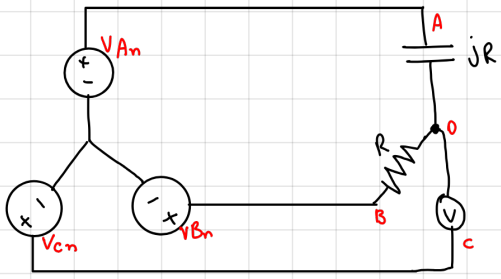
Circuito CBA/ABC



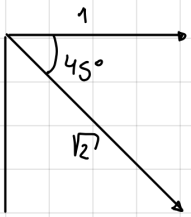
$$I = \frac{V_{AB}}{R - jR}$$

$$V_{OC} = V_{OB} + V_{BC}$$

$$V_{OC} = \frac{R \cdot V_{AB}}{R - jR} + V_{BC}$$

$$V_{OC} = \frac{V_{AB}}{1 - j} + V_{BC}$$

$V_{an} = 127 \angle 0°$ | $V_{AB} = 220 \angle 30$
$V_{bn} = 127 \angle -120°$ = $V_{BC} = 220 \angle -90°$
$V_{cn} = 127 \angle 120°$ | $V_{CA} = 220 \angle 150°$



Se ABC

$$V_{OC} = V_L \cdot \left(\frac{1 \angle 0°}{\sqrt{2} \angle -45°} + 1 \angle -120° \right)$$

$$V_{OC} = 220 \cdot 0{,}36$$

$$V_{OC} \cong 79{,}2 \text{ V}$$

Se CBA

$$V_{OC} = V_L \cdot \left(\frac{1 \angle 0°}{\sqrt{2} \angle -45°} + 1 \angle 120° \right)$$

$$V_{OC} = 220 \cdot 1{,}36 \cong 300 \text{ V}$$

$$V_{OC} \cong 300 \text{ V}$$