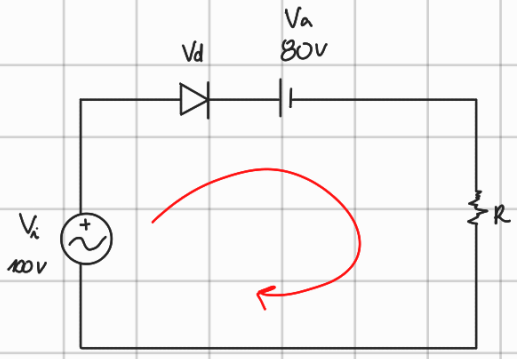
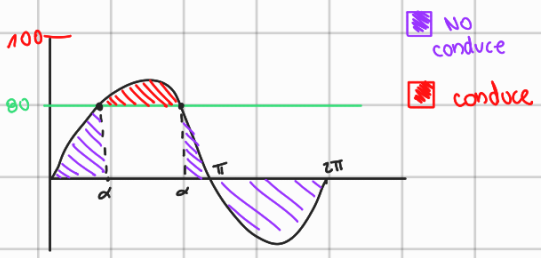


$$[V_i - V_a] = V_d + V_o$$



$100 \cdot \operatorname{sen}(\alpha) = 80$

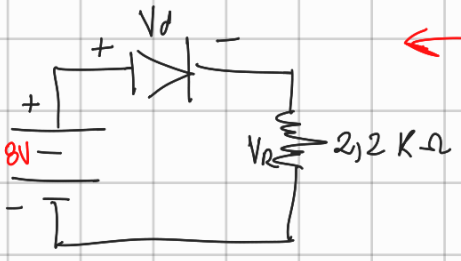
$\operatorname{sen}^{-1}\left(\frac{80}{100}\right) = \alpha \rightarrow 180 - \alpha = \beta$

AC / DC

~ / ⎓ → Rectificar

1/2 ondas

corriente continua



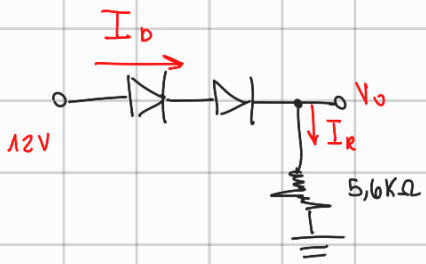
← polarizado en directa. determinar V_d, V_R, I_a

$V_d = 0,7$, $V_r = 7,3$

$V_T = V_d + V_r$ $\quad I_T = \frac{V_R}{R} = \frac{7,3}{2,2} = 3,32\ mA$

$8V = 0,7 + V_r$

$7,3V = V_r$



$V_T = V_{d_1} + V_{d_2} + V_R$ $\qquad I_d = I_R$

$12V = 0{,}7 + 0{,}3 + V_R$

$12V = 1V + \overbrace{I_R(5{,}6K\Omega)}^{V_R}$

$\frac{11V}{5{,}6K\Omega} = I_R$