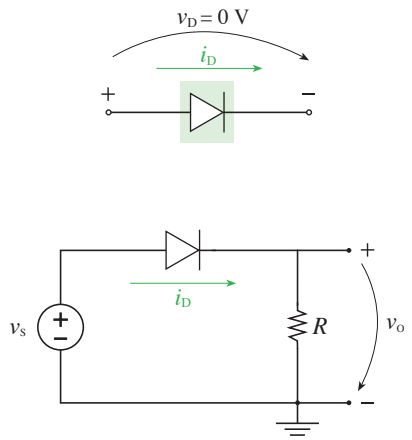
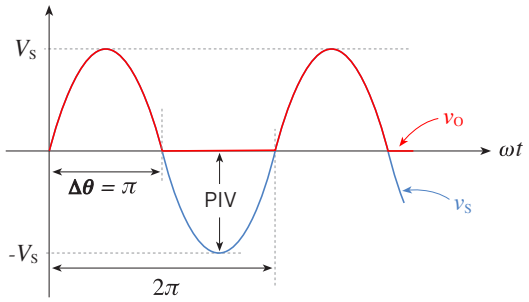
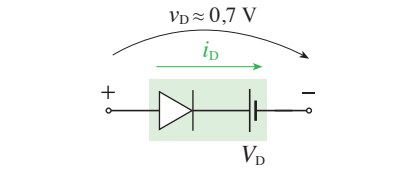
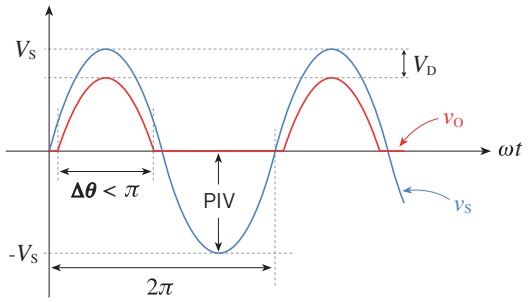
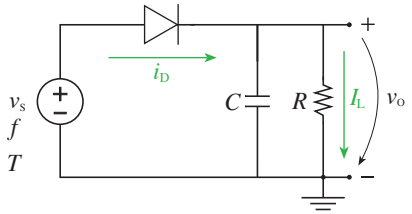
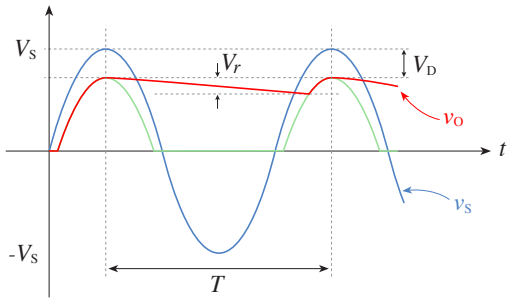
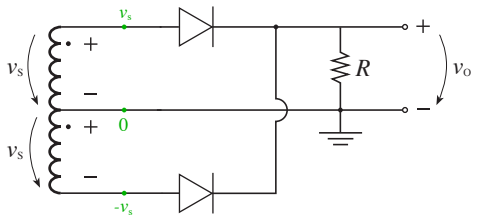
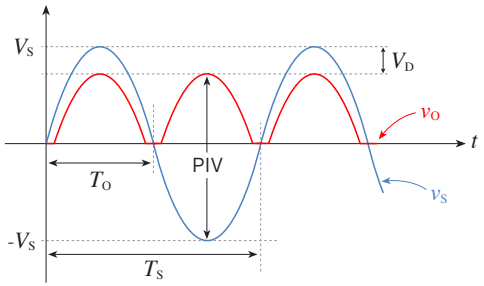
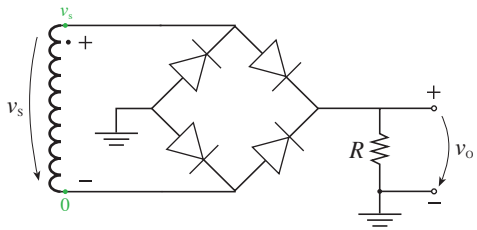
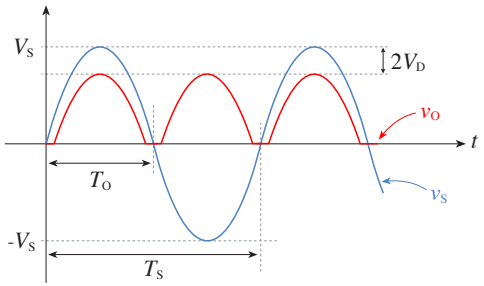
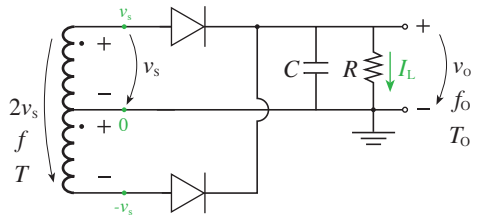
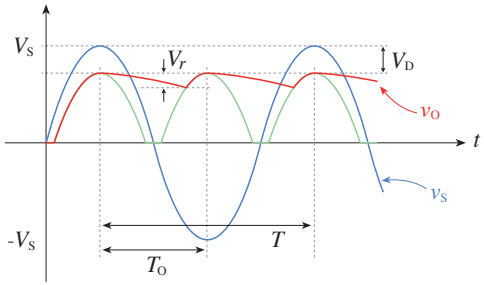
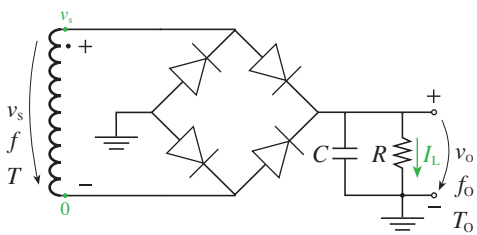
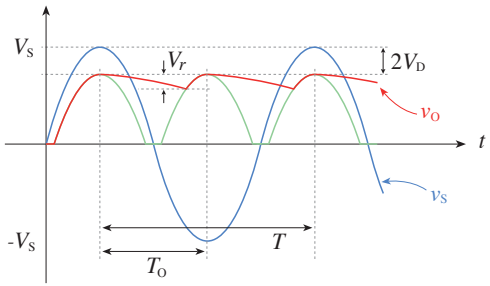
RETIFICADOR			CIRCUITO	TENSÃO			CORRENTE
				Entrada (Source) / Saída (Out)	Pico / Média / Eficaz	PIV / RIPPLE	Carga / Díodo
MEIA ONDA	Onda	Ideal			$V_{O_p} = V_S$ $V_{O_m} = \frac{V_S}{\pi}$ $V_{O_{ef}} = \frac{V_S}{2}$	**PIV** - **P**eak **I**nverse **V**oltage **RIPPLE** - Tensão de Ondulação Pico a Pico $\text{PIV} = V_S$	$I_L = \frac{V_{O_m}}{R}$
		Tensão Constante, ($V_D \approx 0{,}7$ V)			$V_{O_p} = V_S - V_D$ $V_{O_m} \simeq \frac{V_{O_p}}{\pi}$ $V_{O_{ef}} \simeq \frac{V_{O_p}}{2}$ $(V_D \ll V_S)$	$\text{PIV} = V_S$	
	Pico (com filtro de condensador)				$V_{O_p} = V_S - V_D$ $V_{O_m} = V_{O_p} - \frac{1}{2}V_r$ $\left(RC \gg T = \frac{1}{f}\right)$	$\text{PIV} \simeq 2V_S - V_D - \frac{1}{2}V_r$ $V_r \simeq \frac{V_{O_p}}{fRC}$	$I_{D_m} = I_L\left(1 + \pi\sqrt{2\frac{V_{O_p}}{V_r}}\right)$ $I_{D_P} = I_L\left(1 + 2\pi\sqrt{2\frac{V_{O_p}}{V_r}}\right)$

RETIFICADOR			CIRCUITO	TENSÃO			CORRENTE
				Entrada (Source) / Saída (Out)	Pico / Média	PIV / RIPPLE	Carga / Díodo
ONDA COMPLETA	Onda	Tensão Constante, ($V_D \approx 0{,}7\,V$)	 Com transformador de ponto médio		$V_{O_p} = V_S - V_D$ $V_{O_m} \simeq \frac{2V_{O_p}}{\pi}$ $(V_D \ll V_S)$	$PIV = 2V_S - V_D$	$I_L = \frac{V_{O_m}}{R}$
			 Ponte retificadora		$V_{O_p} = V_S - 2V_D$ $V_{O_m} \simeq \frac{2V_{O_p}}{\pi}$ $(V_D \ll V_S)$	$PIV = V_S - V_D$	
	Pico (com filtro de condensador)		 Com transformador de ponto médio		$V_{O_p} = V_S - V_D$ $V_{O_m} = V_{O_p} - \frac{1}{2}V_r$ $\left(RC \gg T = \frac{1}{f}\right)$	$PIV = 2V_S - V_D$ $V_r \simeq \frac{V_{O_p}}{f_o RC}$ $(f_o = 2f)$	$I_L = \frac{V_{O_m}}{R}$ $I_{D_m} = I_L\left(1 + \pi\sqrt{\frac{V_{O_p}}{2V_r}}\right)$ $I_{D_P} = I_L\left(1 + 2\pi\sqrt{\frac{V_{O_p}}{2V_r}}\right)$
			 Ponte retificadora		$V_{O_p} = V_S - 2V_D$ $V_{O_m} = V_{O_p} - \frac{1}{2}V_r$ $\left(RC \gg T = \frac{1}{f}\right)$	$PIV = V_S - V_D$ $V_r \simeq \frac{V_{O_p}}{f_o RC}$ $(f_o = 2f)$	