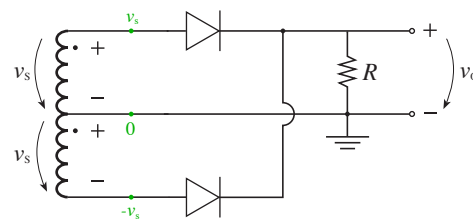
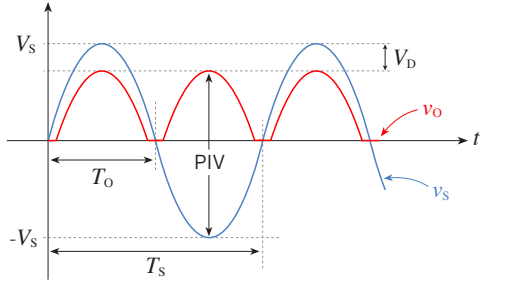
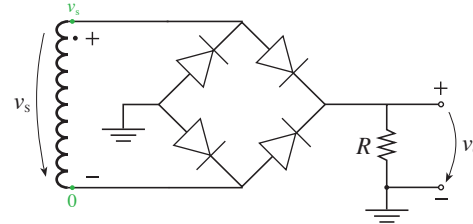
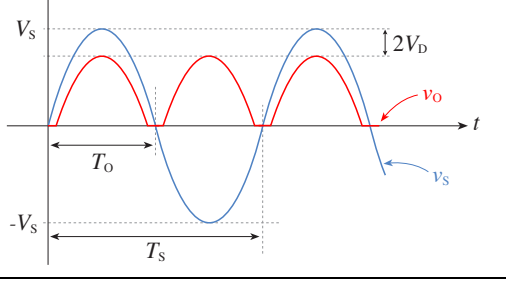
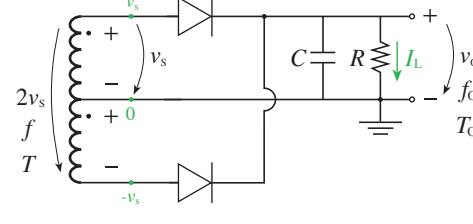
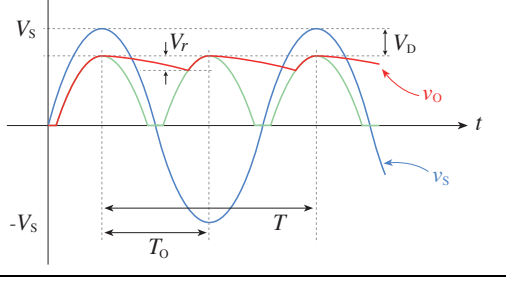
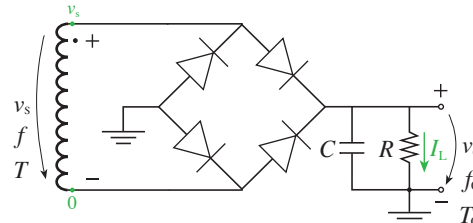
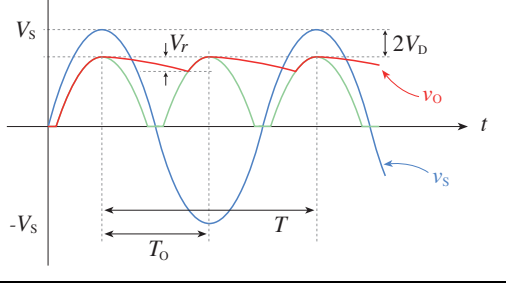


RETIFICADOR		CIRCUITO	TENSÃO			CORRENTE
			Entrada (Source) / Saída (Out)	Pico / Média / Eficaz	PIV / RIPPLE	Carga / Díodo
MEIA ONDA	Onda			$V_{Op} = V_s$ $V_{Om} = \frac{V_s}{\pi}$ $V_{Oef} = \frac{V_s}{2}$	PIV - Peak Inverse Voltage RIPPLE - Tensão de Ondulação Pico a Pico PIV = V_s	$I_L = \frac{V_{Om}}{R}$
				$V_{Op} = V_s - V_D$ $V_{Om} \approx \frac{V_{Op}}{\pi}$ $V_{Oef} \approx \frac{V_{Op}}{2}$ ($V_D \ll V_s$)	PIV = V_s	
	Pico <small>(com filtro de condensador)</small>			$V_{Op} = V_s - V_D$ $V_{Om} = V_{Op} - \frac{1}{2}V_r$ $(RC \gg T = \frac{1}{f})$	PIV \approx $2V_s - V_D - \frac{1}{2}V_r$ $V_r \approx \frac{V_{Op}}{fRC}$	

RETIFICADOR		CIRCUITO	TENSÃO			CORRENTE
			Entrada (Source) / Saída (Out)	Pico / Média / Eficaz	PIV / RIPPLE	Carga / Díodo
ONDA COMPLETA	Onda	 <p>Com transformador de ponto médio</p>		$V_{Op} = V_S - V_D$ $V_{Om} \approx \frac{2V_{Op}}{\pi}$ $(V_D \ll V_S)$	$PIV = 2V_S - V_D$	$I_L = \frac{V_{Om}}{R}$
		 <p>Ponte retificadora</p>		$V_{Op} = V_S - 2V_D$ $V_{Om} \approx \frac{2V_{Op}}{\pi}$ $(V_D \ll V_S)$	$PIV = V_S - V_D$	
	Pico (com filtro de condensador)	 <p>Com transformador de ponto médio</p>		$V_{Op} = V_S - V_D$ $V_{Om} = V_{Op} - \frac{1}{2}V_r$ $(RC \gg T = \frac{1}{f})$	$PIV = 2V_S - V_D$ $V_r \approx \frac{V_{Op}}{2fRC}$	$I_{Dm} = I_L \left(1 + \pi \frac{V_{Op}}{2V_r} \right)$ $I_{Dp} = I_L \left(1 + 2\pi \frac{V_{Op}}{2V_r} \right)$
		 <p>Ponte retificadora</p>		$V_{Op} = V_S - 2V_D$ $V_{Om} = V_{Op} - \frac{1}{2}V_r$ $(RC \gg T = \frac{1}{f})$	$PIV = V_S - V_D$ $V_r \approx \frac{V_{Op}}{2fRC}$	