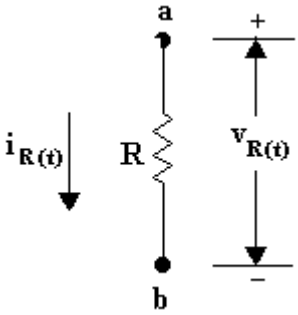
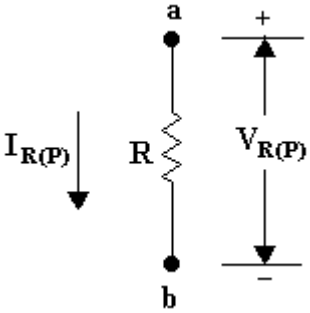
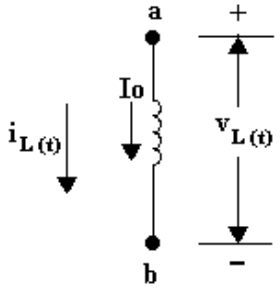
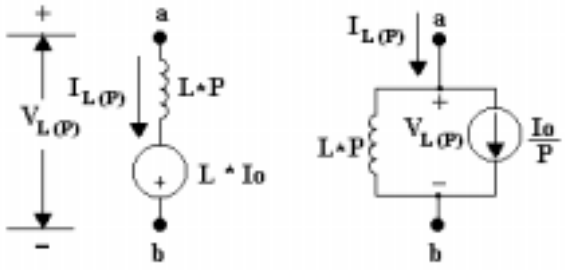
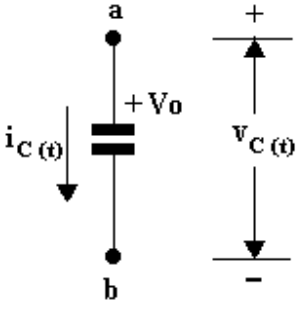
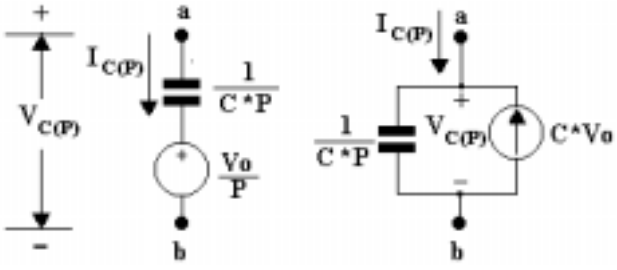
CIRCUITOS EQUIVALENTES EN EL DOMINIO DEL TIEMPO Y DE LA VARIABLE DE LAPLACE

DOMINIO DEL TIEMPO	**DOMINIO DE LA VARIABLE DE LAPLACE**
	
$v_{R(t)} = R * i_{R(t)}$	$V_{R(P)} = R * I_{R(P)}$
	
$v_{L(t)} = L\dfrac{di_{(t)}}{dt}$ $i_{L(t)} = \dfrac{1}{L}\int_0^t v_{L(t)} * dt + Io$	$V_{L(P)} = L \bullet P \bullet I_{(P)} - L \bullet Io$ $I_{L(P)} = \dfrac{V_{L(P)}}{L \bullet P} + \dfrac{Io}{P}$
	
$v_{C(t)} = \dfrac{1}{C}\int_0^t i_{C(t)} * dt + Vo$ $i_{C(t)} = C \cdot \dfrac{dv_{C(t)}}{dt}$	$V_{C(P)} = \dfrac{I_{C(P)}}{C \bullet P} + \dfrac{Vo}{P}$ $I_{C(P)} = C \bullet P \bullet V_{C(P)} - C \bullet Vo$