TPS-GESKÍM RE ENORGIA MAMINO MOREL



PARA LOS CHEWLOS INICIALMENTE NO TOMO EN CUENTA RESE

$$-Vg.D = \frac{J}{R}.Ron - \frac{V}{R}.RL - V$$

$$M = \frac{1}{\sqrt{g}} = \frac{\Delta}{1 + l \cdot n + l \cdot c}$$

$$i \quad \frac{V}{I} = R = \frac{6V}{14} = 6\Lambda$$

PAME I MODELS EQUIVALENTE Y TAMIS FORMACIA $\frac{d(v)}{dt} = \left(I_{1} + I_{1}^{2}\right)\left(0 + d\right) - \left(v + i_{1}^{2}\right)\left(0 + d\right) + \left(I_{1} + i_{1}^{2}\right).\left(1 - 0 - d\right)$ $- \left(v + i_{1}^{2}\right)\left(1 - 0 + d\right)$

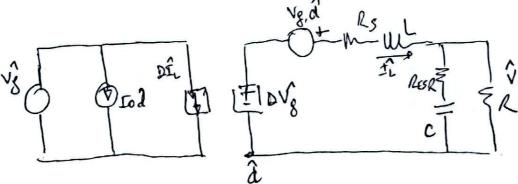
$$\frac{AC}{\text{dic7}} = c \frac{d(\sqrt{2})}{dt} = 1 c \frac{d+1}{2} \cdot 0 - \frac{1}{2} \cdot \frac{d-\frac{1}{2}}{2} \cdot 0 + \frac{1}{2} \cdot \frac{1}{2} \cdot 0 - \frac{1}{2} \cdot \frac{d}{2}$$

$$\frac{-\frac{1}{2} + \frac{1}{2} \cdot 0 + \frac{1}{2}}{2} \cdot \frac{1}{2} \cdot \frac$$

=
$$v_g^2 \cdot D + v_g \cdot \hat{d} - \hat{v} \cdot \left(1 + \frac{p_m}{n} + \frac{n_L}{n}\right)$$

$$\Delta v = \Delta Q = \frac{1}{c} \cdot \frac{1}{2} \cdot \frac{D_{ii}}{2} \cdot \frac{T_5}{2} = \frac{D_{ii}}{8fs \cdot C}$$

Morelo Equivalente buch.



$$6 \text{ Val(5)} = \frac{\sqrt{3}}{d}$$

$$\frac{6 \text{ Val(5)} = \sqrt{3}}{1 + \frac{1}{2} \cdot \frac{5}{\text{Wess}}} + \left(\frac{5}{\text{Wo}}\right)^{2}$$

$$f_{0} = \frac{1}{2\pi . \sqrt{L . c}} = 28,439 \text{ kHz}.$$

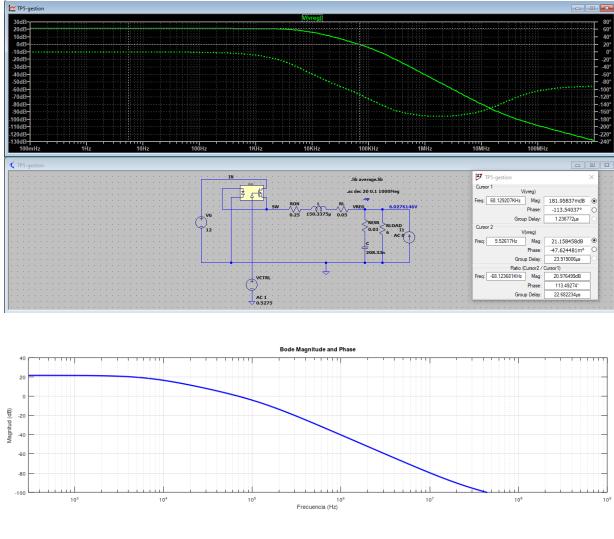
$$Q_{Q_{0}Q_{0}} = \frac{\sqrt{\frac{L}{c}}}{Rcsn + Rs} = 81,4 (38,21 dg)$$

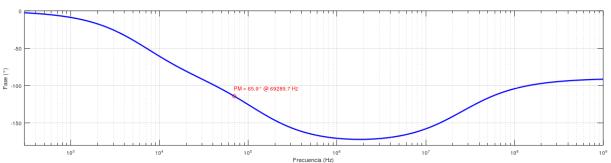
$$Q_{CANSA} = \frac{L}{\sqrt{\frac{L}{c}}} = 0,22 (-13,02 dg)$$

$$Q = Q_{Q_{0}Q_{0}} || Q_{CANSA} = 0,219 (-13,175 dg)$$

$$f_{ESL} = \frac{1}{2\pi . C. Less} = 25,46 \text{ MHz}.$$

$$Q_{V_{0}Q_{0}} = 12 - 21,58 dg$$





Los resultados muestran que, tanto la simulación el LTspice como lo obtenido en Matlab de la transferencia analítica son similares, en magnitud y fase.