

victes de teams brimsoión: $K(s) = Q \frac{s^2 + uo}{s uo}$ Noemalizando poe wo ru=wo $K(\$) = Q \$^2 + 1$, upin= wp1 rp= Q wpin-1 (WP.N = 0,905. p = 5. 0.905 - 1 0.905.WP2N=1,105. Ws. N = 0,773. LWS2N = 1,64. 252 = Q WSIN-1 $= 5.1,64^2-1$ 252 = 5,15.] [25 = 2,6] JUSI = -2,6 PLANTILLA 1/T(W) [38] = XHM = 0,5dB @ 52p=1 Lamin = 24dB. @25=26 E= 10 MAX -1 $E^2 = 0, 122$ dmin=10 lag[1+E2 ast[n asn'(ns)] 24dB=10log 1+0,1200 [nosh (2,6)] 10=3

$$|T(n)|^{2} = \frac{1}{1+E^{2}c_{3}^{2}(n)}$$

$$|T(n)|^{2} = \frac{1}{1+E^{2}(4n^{3}-3n)^{2}}$$

$$|T(n)|^{2} = \frac{1}{1+E^{2}(16n^{6}-24n^{4}+9n^{2})}$$

$$|T(p)|^{2} = \frac{1}{1+E^{2}(-16p^{6}-24p^{4}-9p^{3})}$$

$$|T(p)|^{2} = \frac{1}{1+E^{2}(-16p^{6}-24p^{4}-9p^{3})}$$

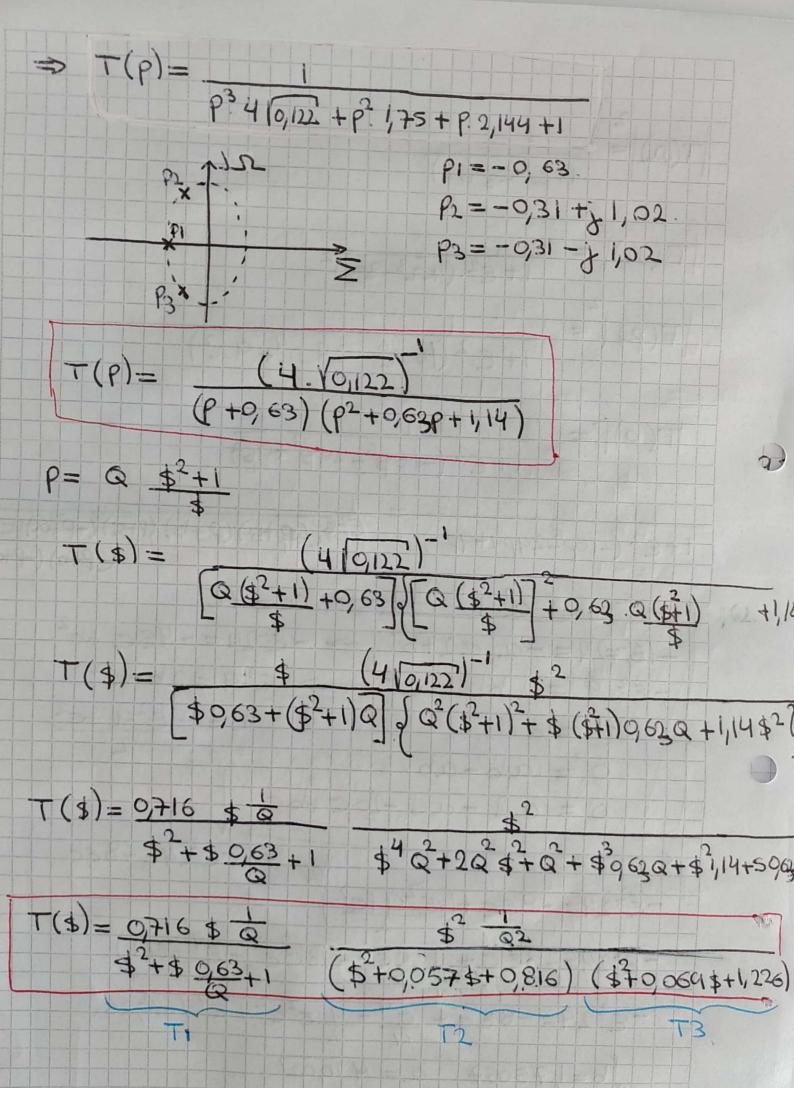
$$|T(p)|^{2} = \frac{1}{1+E^{2}(-16p^{6}-24p^{4}-9p^{3})}$$

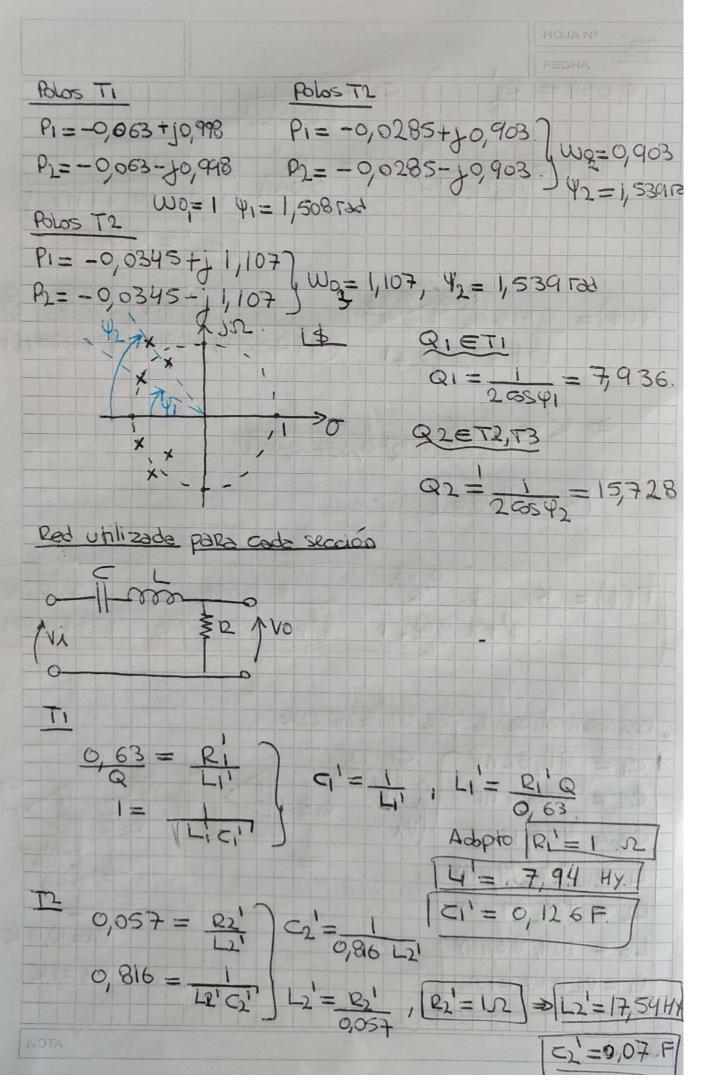
$$|T(p)|^{2} = \frac{1}{1+E^{2}(-16p^{6}-24n^{4}+9n^{2})}$$

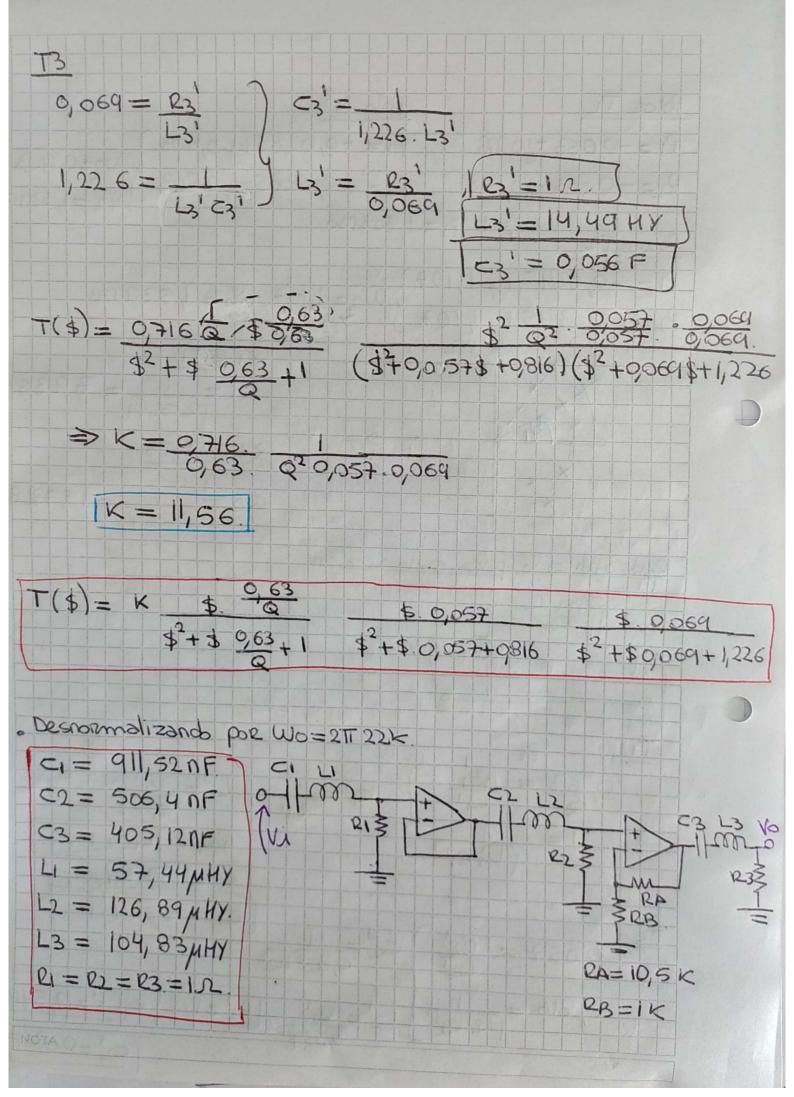
$$|T(p)|^{2} = \frac{1}{1+E^{2}(16p^{6}-24n^{4}+9n^{2})}$$

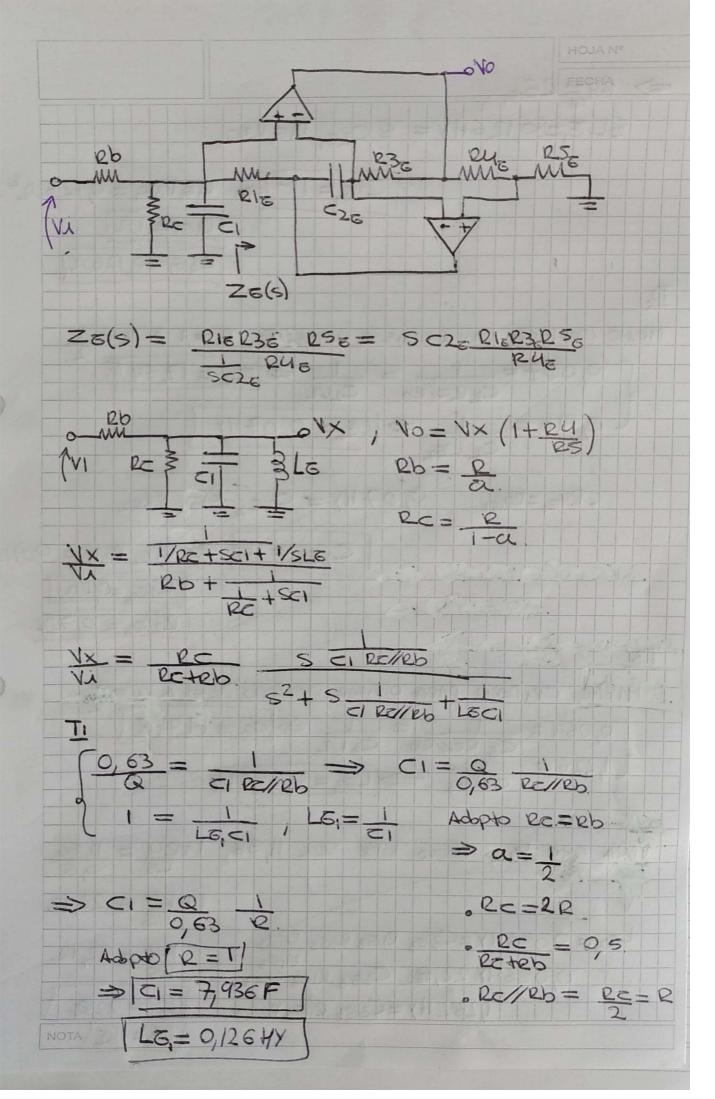
$$|T(p)|^{2} = \frac{1}{1+E^{2}(16n^{6}-24n^{4}+9n^{2})}$$

$$|T(p)|^{2} = \frac{1}{1+E^{2}(16n^{6}-24n^{4}+9n^{2$$









=> RY= R561 SL 5,=50, 126 Hy = S C25, P16, R36, (C25,= 1 F.) = RIGRSE, = 0,126 12. BIEI = IV) 236=0,1262) 12 MISMO CRITERIO PARELA DIVISOR DESISTIVO, R = 1 N CL = 1 0,07 Hy = C262 R162 R362 · 246 = 246 (C262 = IF) => 2162 2362 = 9,0723 | RIG_ =0, RT. R262=0,752. MISMO CRITERIO PARA DIVISOR RESISTIVO, R=1 N a=1 0,069= 1 = 1 = 12= 14,49F.] 1,226 = C3L63 = 0,056 Hy PARA que la ganonois total seu 11,56, 1+24 = 11,56 1+24 = 23,12 LG3 = 0,056 HY= C363 P163 P363 P563 124 - 22, 12. 0,056HY. 22 = C363. R163 P363. 1,232 HY = C363 R163 R363. R4= 225 RS=121

