

$e^2 = 10 \frac{\alpha c_{MAR}}{10} - 1$	→ ¢ ² =		
T(\$)_LP = 1 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Aplica K(s) = C	2 (5 ² +1) S
$T(s)_{80} = \frac{16.5 \%}{5^2 + 5 \%}$	$\begin{array}{c c} 2 & \mu_1 \\ \hline 2 & 5^2 + \end{array}$	5 Wos + 1	Uz. 5 /2 wbs. S² + S² 1 + 1 Q. Wbs.
con $Q = \frac{20}{9}$	Wos woz =	1 -> [wo2 = 1]	
De la simulación	y el célente e	un Python se c	stiane
T(s) = 52+5	9/20 • 1/20 3 · 3 + 1 5 ² 1	5 0,2342 - 5 0,234,0 E	5.0,5864 52 + S 0,19677 + 0,677
Anolizando: Q	x = 20 U	Jo=1 } Prioriena	del Possbago orden 1
1,476 = woz2 -	- [woz = 1,21]	λ [ω _{ο2} = <u></u>	= 01023
0,2663 = 000	-> Q2 = 1.21 =	= 4,5	momo Q paro ombar Sos Saluron del LP 2º orden.
Entoneus,			
T(S) = 120	5. 72,22 - 5 1 + 1 2,22	V1. S 1,21/4,5 SZ + S 1,21 + 1 4,5	1/21)2 52 + 5 0,813/4,5 (1/21)2 52 + 5 0,813 + (0,6
		A W2 = 3,2	
con 40= 1,021	, K ₁ = 1,2577	2 P+/	

10dB -> 10dB	= 20 and (Text) - T	BP = 2 10 1/2 = 3,16	
	u · 919 . 01123		
3,16 =	· W· 0,00727	→ K = 434,25	
Analys Modula	. ITex(w)I en w=		
TBP (w) = -	X0,4595 X+X0,45+X -!	30,3362	-1 + 20,1917 -0,16773
ITBP(2)) = 110	21 . 0,3367 (0,476 + 0	126232 V(-0,322	3864
	21 0,6189		04 = 1,0005/
Multiplus por	u tal que		
		[k = 3	156
o Como es una	T(s) on 0 dB	, m wo=1 vol	
amos No	a structe a	T(c) = 3 (3,16	nednis - (bobileur no c
se que	ma u (gonore	is, I dube sen 2	93,16
	And the same and the features of the features of the same of the s	the contains a type or the property of the party of the state of the s	