NO 2A N	
Eyeració 🕖	
. Filto Pasa - baider.	
fc:= 1,6KHZ } fo- ZMHZ } Q-2,ZZ.	
fs: = 1250 } Simetimes.	
L>fsp3=2,166.	
-> 3dB de Ripple:	
1 H (N) 1 2 + 1 7+ N2N	
d/= 10 lag. (1+ N_s^{2N}) -> $N=3$]	
-> Prototipo Pasa-Bajo:	
$H(S) = \frac{1}{(S+1)(S^2+2\cos(\frac{T}{3})S+1)}$	

NOTA

$$H(S) = \frac{S^{2}}{\left(\frac{Q(S^{2}+w_{0}^{2})+S}{u_{0}}\right)\left(\frac{Q^{2}(S^{2}+w_{0}^{2})^{2}+SQ(S^{2}+u_{0}^{2}).2Cas(\frac{\pi}{3})+S^{2}\right)}$$

H(s) =	8
Q, Wio	(52+ws + wo2) - wo2 ((52+wo2)2+8 + (52+ws)+ 20252)
H(S) #	So ugg
	23+ 702+ 1105) (2423 110 + 25(5105+ 1105) 2 115 + 1104)
Sos, =	5 Us K _ 5.0,4804 Ws
	52+ wo s+ wo. 52+50,4504 wo+ Nb2.
50 Sz =	S. 0,268 Wo S ² + S 0,268 Wb + 1/17+100 ²
	54 50,268 Wb + 1/17+1402
5053=	5.0,182.Wo
S	2+8.0,182 the+0,6768 Ub2
K = gaha	nei a total para (4(00) =0) = 4,153.
ОТА	

