	Land of the second		Ноја:
		Ts6	Fecha:
+			
-Jercicio	2)		
Dade !	al Nowens	e Charles	
	6000	e coreu)	
	3/2	7000	
V:10	4	E JR Vo	
	3	= 1/-	
+++			
Det.	ener la t	nomperencia de tempes	on Vo Mon
méte	des de cu	odn'holes	V 7
El con	ento puedo	2 entenderes como la a	mexim de de
cupatry	roles Los	- Carcodo.	
-	-	12x+28 21	
	Zu	7 28+28 20	
	7-0		
		ZB	
	A B		
		SL1+ 5C2 SL1	SU3+R SL3
 =	B - A	35c2	R
		SC2 1)	1 R
/5	2 5C2L1+1 S		K /
7- =		SL1 SL3 +1 SL3	
	5C2	1 / 2	
/(3	C2U1+1) (SU	2+1)+ SU1 (5°C2L1+1) SI	3+5L7 \
7 =			
50	2 (SL3+1)+	$\frac{1}{2}$ 5^{2} L3C2 + 1	
	R	R	

5 C2 L1 L3 + 5 C2 L1 R + 5 (L3+L1) + R 53626163 + 52 C241R+ 5 (13+11) + R volena! Meer $5\frac{9}{3}\frac{4}{2}\frac{3}{2}\frac{1}{2}+5\frac{2}{3}\frac{9}{2}\frac{3}{2}\frac{1}{2}+5(\frac{1}{2}+\frac{3}{2})$ T(S) Butterworth de 3erorden T(s)53 + 52 2 + 5.2 +1

				Ноја:	
		_		Fecha:	
D C	euito.	matriz de a	dmitancia ind	SUNDS (MAI) del	
1	ro clare	granis d	OTENSO 3		
4	C ₂ -	ell ≥ R			(n)
a	2		7		
	54,	1 - 51,	0	0	
MAT =	541	54 54 54 54 54 54 3	5L3 1 SL3 7	SC21	
	0	- SC ₂	-1-R	SC2 + 1/R	
@C.	mpute la t	anz ferencia	de tensión co	1 LO MAT.	
34 A14 =	- Ngm (3-4)	Nagn (1-4) Y	37		
31 A11 =	V35 = 1395	(-1) son(-3	V 15		
V34 = V14	(-1).(-1)	111	15 36 11		
		2 11 2	17		

Colcule les colosores de Y 1 4 = (-1) (-563)= $\frac{1}{2} \frac{1}{4} = \left(\frac{1}{5C_2} + \frac{1}{4} + \frac{1}{5C_3} \right) \left(\frac{1}{5C_3} + \frac{1}{4} \right) - \left(\frac{1}{5C_3} \right)$ - (SC2+1+1) 1+(SC2+1) 1+(SC3) +(SC3) +(SC3) SC25"11 + 562.52 L143 A + SL3 + SL1 52 6143 R 524163 5 C2 L1 L3 + 5 (L3+41) 5 C2L1R+R R 526163 RSZLALZ 53 C2 L1 L3 + 5 C2 L1 R + 5 (L3+L1) + R Entranco 52 L1 L3 T(s) =53624163+526267R+5(L1763)+R R 52LIL3 T(s) =53636,63+52 C261R+5(6,763)+R transference observedo

on Care Decreased Line	Ноја:
	Fecha:
Plus) Compute la Impedancia de entrada con la	TAM
$Z_{14} = \frac{V_{14}}{\Sigma_{14}} = \frac{Y_{14}}{Y_{1}}$	
Y14 = 5 C2L163 + 5 (L3+L1)+5 C2L1R +R	
R 52 L 1 L 3	
$y_{1}^{1} = \left(SC_{3} + 1 + 1\right) \cdot \left(\frac{1}{SL_{3}} + \frac{1}{R}\right) \left(SC_{3} + 1\right) \cdot \frac{1}{R^{2}}$	
$+ \frac{1}{SL_3} \left[\frac{1}{SC_2} + \frac{1}{R} \right] - \frac{SC_2}{R}$	
6-502[SL3R + 502 (1 + 1)]	
$y_1' = (.5c_2 + 1 + 1 + 1) \begin{bmatrix} c_2 + 1 + 5c_2 + 1 \\ 5l_1 & 5l_3 \end{bmatrix} \begin{bmatrix} c_2 + 1 + 5c_2 + 1 \\ 2 & 5l_3 \end{bmatrix}$	1)
1 C2 1 - 5 C2 SL3 L3 SL3R R	
- 5C ₃ 1 + C ₂ + 5C ₂ 1 SL ₃ R L ₃ R	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$y_{1}^{1} = \begin{bmatrix} 5C_{2}R + 1 + 5C_{2}U_{3} \end{bmatrix} \underbrace{1}_{5U_{3}R}$	
y ₁ = 502L3+502R+1 R 5 ² L1L3	
Notas:	

