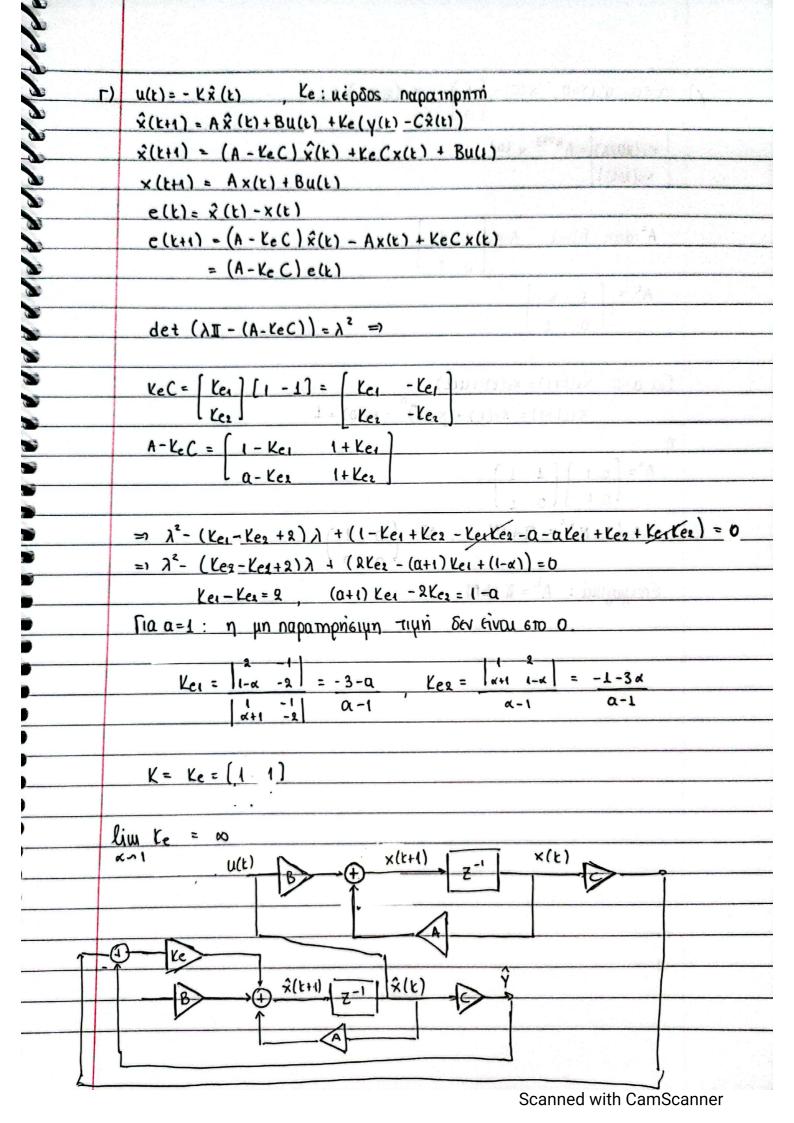
7	Για K=3 το x.π. έχει ρίζε Επιθυμούμε όλες οι ρίζες ν		
7	Για K=3 το x.π. έχει ρίζε Επιθυμούμε όλες οι ρίζες ν	5 -5, -4, -3, -1	
1		a avnuouv 670 Rc(s;)<-1	
	(pènei να αυξήρουμε ή να ι		
		μειώσουμε το Κ μα να το επιτύχουμε;	
	ia K=3: 54+0353+0258+01	S+ao =(S+5) (S+4) (S+3) (S+1)	
		= 54+ 1353+ (5+4+3+19+15+20)52	
	+ (12+15+20+60) S + 60		
	az=13, az=59,	107	
	a+3=107= a=104		
	a. +6=60 = a. = 54	(0+3)(1+2)3	
	S4+ 1353+5952+ 1045+	54 + K (5+2) = 0	
ړ	pono (sea) (A-a)	VI	
0-9.	1+ K. 6 - S+ 2 a, 6- (Par 2	=0	
Mari I	54 11353 + 595° + 1045+ 54		
	*	tu l	
		for the second second	
	-4.74 -2.64 -9 -0.84	2 / overest / mile	
ping.	*	A December of	
8'19	con de la constant de		
-6	54+ 1353+ 5952+1045+54 + K(S+2)	1=0	
	(453 + 30,52 + 20,5+0,) ds +	(S+2) + K ds =0	
	ds = - S+2	= -0.04 < 0	
	dK 1=3 4 53+ 3 4152+ 2415	S+Q4+K S=-1 = 2	
	AV KT TOTE Relsile-L		

x 1 100 nos Re(s) ≤ -1		- (300 t f 25 x 2 1 25 x 2 1 2 2 1 x 2 1
WC(2) 6-1		
1/1	S1=S+1	
	5=5,-1	
1//	1//	Trian Till I ten
	1/1	
(S-1)4 + 0:	(S1-1)3 + Q2 (S1-1)2+ Q1 (S1-1)+	a.+ K(S,-(+2) = b
54-453+6	si -45,+1 + a3 (51-351+35,-1	1) + 02 (5,2-25,41) + 0, (5,-1)+00 + K(5
= S4 + (a3-	4) 5, + (6-303+02) 5, + (-	-4+303-202+a, 3, + (1-a3 -102-a,+0
		o] = 0 Interruption of the
5,4 + 95,3	+2654 + (K+21)5, + (K-3)=	0
O. Stodel	a - K>3, npênei Kî	e-0-6136
		0 = 3 +3h = 4/2011 = 1
		A = 0 = (c-1) + xx - 1
	Melander = Os (10) si	
		<u> </u>
		13 tob out 15 to 1
	(33) 3250 =	(15) 16 + (15) 1
		TA TANA
1 22-1		1 .0 - 33 - 4
1 - N - Yn + C -	AGU-UA AG	[
37-10-10-0-0-	201-102 12 12 12 12 12 12 12 12 12 12 12 12 12	
12-N-20+C-		2-12-14(5-2)-11-1
374-370+0-	10111111	2-12-14(5-2)-11-1
12-12-12-12-12-12-12-12-12-12-12-12-12-1	10111111	2-12-14(5-2)-11-1
37-10-10-0	10111111	
37-N-370+C	10111111	

x017-				
	X1(k+1) = X1(k) + X2(k) + U(k)			
	$x_2(t+i) = \alpha x_i(t) + x_2(t) + u(t)$			
	y(t) = x.(t) - x.(t)			
	$A = \begin{bmatrix} 1 & 1 \\ \alpha & 1 \end{bmatrix}, B = \begin{bmatrix} 1 \\ 1 \end{bmatrix}, C = \begin{bmatrix} 1 & -1 \end{bmatrix}$			
Asset Inc.	Ελεχ] ιμότητα: C=[B AB] = [1 2]			
	10+16=16+16+16+16+16+16+16+16+16+16+16+16+16+1			
3ef Verice (1)	det(C) = α+1-2 = α-1, α = 1 ελέχ (μο			
	L CA 18-11-0, 200 12 + 200 4 200 12			
	det 0 = 1-a, α+1 παρατηρήδιμο			
	$\lambda^2 - tr(A)\lambda + det A = 0$			
	$\lambda^{\epsilon} - 2\lambda + (1-\alpha) = 0 \qquad \Delta = 4-4(1-\alpha)$			
	L _P λ ₁ +λ ₂ = 2 , ∃ λ; Re(λ;) >0 = β1B0 - α6παθ€S			
	MINE X 1 11 FECULT OF THE BIBU- MOTORES			
8)	u(t) = -k x(t)			
	α≠1, ελέχ (μο det [λI-(A-BK)] = λ°			
	x(k+1) = Ax(k) + Bu(k) = (A-BK) x(k)			
	K=[k1 k2]			
	$A-BK = \begin{bmatrix} 1 & 1 \\ a & 1 \end{bmatrix} - \begin{bmatrix} 1 \end{bmatrix} \begin{bmatrix} K_1 & K_2 \end{bmatrix} = \begin{bmatrix} 1-K_1 & 1-K_2 \\ \alpha-K_1 & 1-K_2 \end{bmatrix}$			
	χαρ. πολυιώνυμο: λ2+ 2(K1-1)λ + (1-1/2-1/2+K1/2- α+ α/2+1/2-1/1/2)=			
	$\lambda^{2} + (k_{1} + k_{2} - 2)\lambda + (1 - \alpha)(1 - k_{2}) = \lambda^{2}$			
	Για α=1 n μη ελέξτιμη ιδιοτιμή βρίδμετου 6το 0.			
	K1+K2=2			
	$x+1$, $x_0=1$, $x_1=1$			



	a=0, u(t)=0, x(0)= [1], x1(2023)=;
	lolake saka kana kana kana kana kana kana kana
-Toronto-states	$\left[\times_{\Lambda}(8023)\right] = \Lambda^{\Omega^{02}3} \times (0)$
	[×2(8083)]
	Jordan Block A= [1]
	[0 (]
	$A^k = [1 k]$
	Για α=0 ×((t+1)= ×((t)
	$x_1(t+1) = x_1(t) + x_2(t)^0 = x_1(0) = 1$
	1)
	$A^2 = \begin{bmatrix} 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 \end{bmatrix}$
	[0:][0]
	= (I+N) = I+2N N= (D-14)
-	- // DISCOUNT ON ONE STREET OF STREET
	Enazwalua: At = II+kN
	o con min ves hand managements on a case of
-	
	18-1- = 12-1 10- 1 10 1 10 1 10 10 10 10 10 10 10 10 10
	1-15
enderger brown miletal	
	The state of the s
and the second second	
	에 보이겠다면서 가는 보다 보았다. 이를 회의하면서 뭐 하게 그는 이 회사의 사람이 그리고 얼굴을 보고 있다. "취라고 하다고 있다고 있다.

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