



$\begin{bmatrix} A_d - B_d K & B_d K_z \end{bmatrix} = \begin{bmatrix} A_d & O \\ C_d & I_p \end{bmatrix} + \begin{bmatrix} B_d \\ O \end{bmatrix} \begin{bmatrix} K_1 & K_z \end{bmatrix}$	_
Tpènes ([Ad O], [Bd]) erègispo	
$rank \left[\begin{array}{ccc} A_{d} - \lambda II_{n} & 0 & B_{d} \end{array} \right] = n+p \forall \lambda \in \mathbb{C}$ $C_{d} (1-\lambda)I_{p} 0$	
(Ad, Bd) EREXTIMO => N & 1 rank = n+p	
onote 3 K1, Ke	
$\begin{bmatrix} x^{+} \end{bmatrix} = \begin{bmatrix} A_{1} + B_{2} K_{1} & B_{2} K_{2} \\ Z^{+} \end{bmatrix} \begin{bmatrix} x^{+} \\ Z^{-} \end{bmatrix} + \begin{bmatrix} d_{0} \\ -Y_{0}^{-} \end{bmatrix}$ $\begin{bmatrix} z^{+} \\ Z^{+} \end{bmatrix} \begin{bmatrix} C_{0} & II \end{bmatrix} \begin{bmatrix} z^{+} \\ Z^{-} \end{bmatrix} + \begin{bmatrix} d_{0} \\ -Y_{0}^{-} \end{bmatrix}$	
$\frac{1}{2^{n}} = \frac{1}{2^{n}} + \frac{1}{2^{n}} - \frac{1}{2^{n}} = 1$ $\frac{1}{2^{n}} = \frac{1}{2^{n}} = \frac{1}{2^{n}}$	
(Ad+BdK1) x* + Bd K22+ +dd (Cd x = V4+	
	4

	P(s) = ans" + an-1	15 ⁿ⁻¹ + On-2 5 ⁿ⁻²	+.,,+α.				
	$a_i \leq a_i \leq \bar{a}_i$ $i = 0, 1,, n$						
	ϵ ite navra $\alpha_i > 0$ ϵ ite navra $\alpha_i < 0$						
	Θεώρημα Κηατίτοπου:						
	P(s; E1, 01) = Q0 + Q15 + Q152 + Q353 + Q154 + Q555 +						
	P (s; E1, 02)	= a + a, S + a2	52 + Q353 + Q4	54 + Os 55+	•••		
) = a + a, s + a					
	P (s; E2, D2) = a = + a = + a	$25^2 + \bar{0}_3 5^3 + 0$	1454 as 55+	•••		
		1					
			M				
	S_{2} $P(s) = Q_{0} \prod_{i=1}^{n} (s-s_{i}) = Q_{0} + Q_{1} S + Q_{2} S^{2} +$						
	S ₁ S ₁		1				
	S ₃				η φορές τέμνει		
	-3				Tous à Toves		
					72,000 0 -2303		
					τέμνει εναλλάζ		
			1	_			
	P(iw) = (a.	azw2+ a4w4)	+ i (a, w - a	$13 \text{ m}^3 + \Omega_5 \text{ m}^5$	+)		
	1 (P(s) + P(-	-s)) - even					
	2 1 (P(S)-F	$(-s)$ \rightarrow even $(-s)$ \rightarrow odd					
	4						
inaneema d							