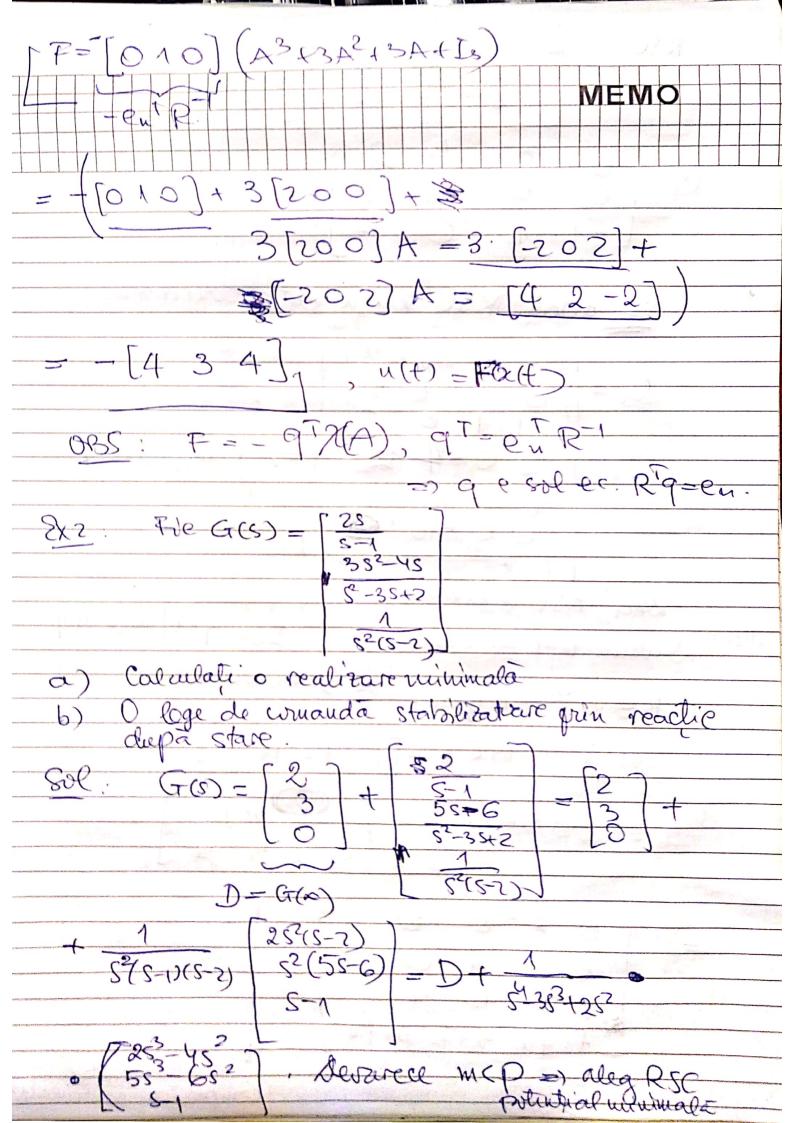
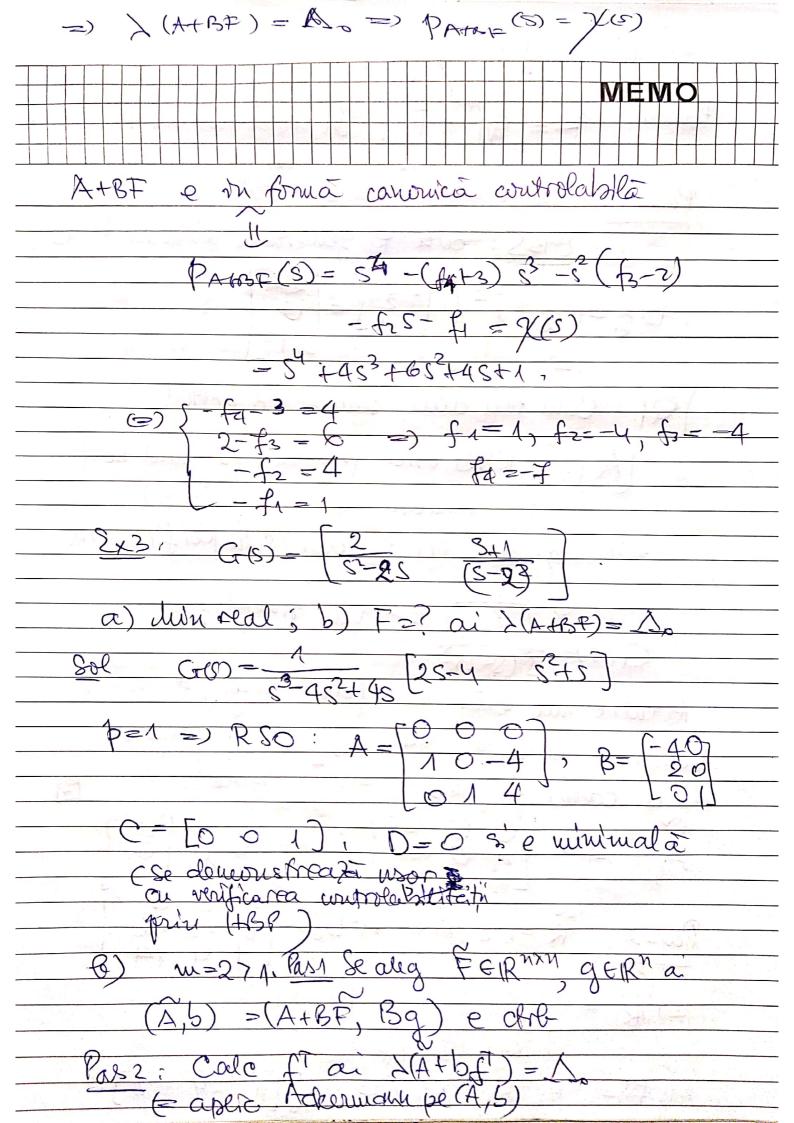


L(Az) este speche fix. Purp (A, B) e stabilizabilité > (A) CC Purp (A, B) e abscabilité (=) (A, B) e ctib (Arci se proche sorie schema triunghillari) (a(. F=! de(A,B) e ctra) [A] = m=1, alg. Ackermann 2×1 : $A = \begin{bmatrix} -1 & 0 & 1 \\ 2 & 0 & 0 \\ 1 & 1 & 0 \end{bmatrix}$, $B = \begin{bmatrix} 0 \\ 1 \\ 0 \end{bmatrix}$, m = 1. Sol: Court FER = R1x3 cui L(A+BF) C CT, pe care il prot alege daca nu este l'upons. ERNXN (m=1) F=-en R1x(A), unde R=[BAB-ANB] 7(s) este pol cu radadulle 10 imposo En e ultimul rector dire bara lui Rh R=[B99]=) R-1=RT=R (permutare ortogonala) en R = R(n;i) Alegen spectrul impus: Do={-1,-1} -) X(S) = (SH) = S3+352+35+1 => X(A)=(A+Is)3 = A3+3A2+3A+Is OBS: $\chi(A)$ se calculeara efficient point in welling vector matrice.





=) ft =- et R / X(A) Pass. F= gft+F. In card noston: Pass. Potalige P-O > A-A OBS. du e generalà alegerea F=0. $Bg = \begin{bmatrix} -4 & 0 \\ 2 & 1 \end{bmatrix} \begin{bmatrix} -\frac{1}{2} \\ 1 \end{bmatrix} = \begin{bmatrix} 2 \\ 0 \\ 1 \end{bmatrix}$ | El: Cum tun dan seama cot ecté! Al. RSO orice privaire B sunt coef. ai mundrationalis lu G(S) -) alog ai da ma am shuplificantre G(5)= 5(5-2)2 run shuplific! Atentie un este o retetà, dar, devarece controlablitatea este generico, sousele de a càdra pe nectro sunt mule! $A = A = \begin{bmatrix} 0 & 0 & 0 \\ 1 & 0 & -4 \\ 0 & 1 & 4 \end{bmatrix}, & e = Bg = \begin{bmatrix} 2 \\ 0 \\ 1 \end{bmatrix}$ Pars 2. R=[b Ab A²b]=[2 -2-16] $= \sum_{k=1}^{\infty} \frac{1}{2k} = \begin{bmatrix} \frac{1}{2} & -\frac{1}{2} \\ \frac{1}{3k} & -\frac{1}{9} & \frac{1}{18} \end{bmatrix}$ =) fT=-e3TR-1 xA) = -36[1-4-2].

. (LI) (A+2]3 (A+3]7 Past | Past | MEMO | |