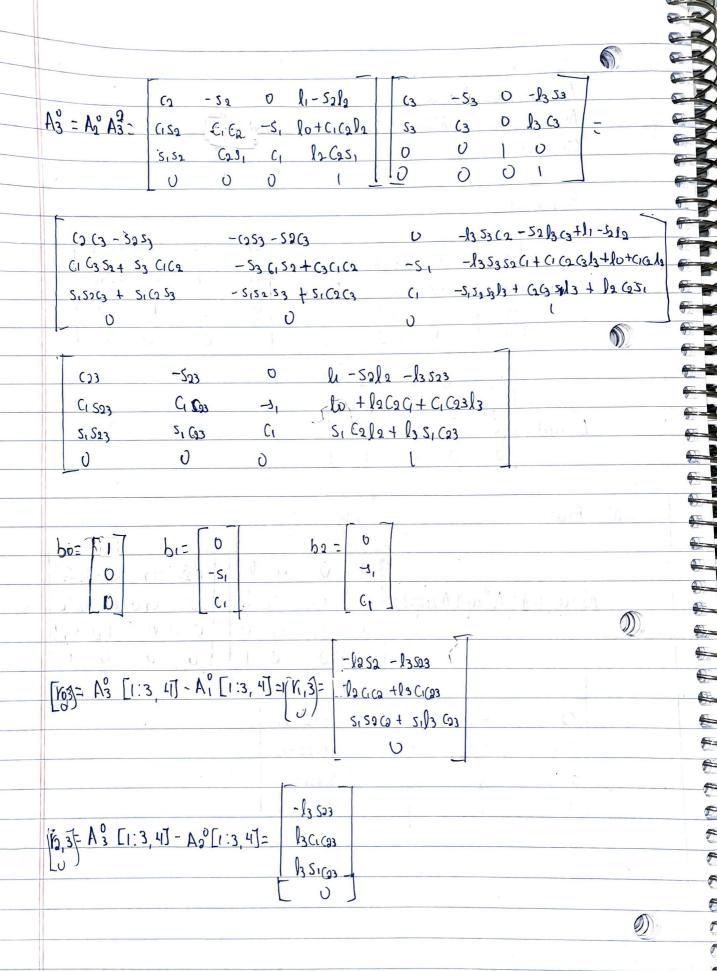
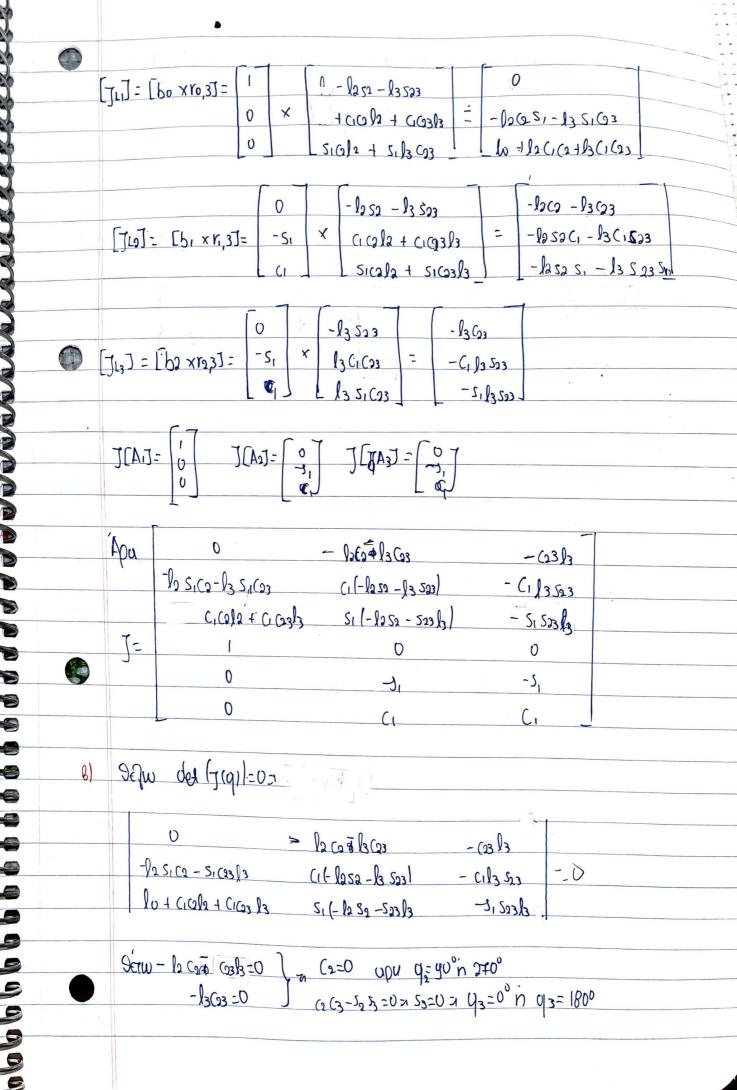
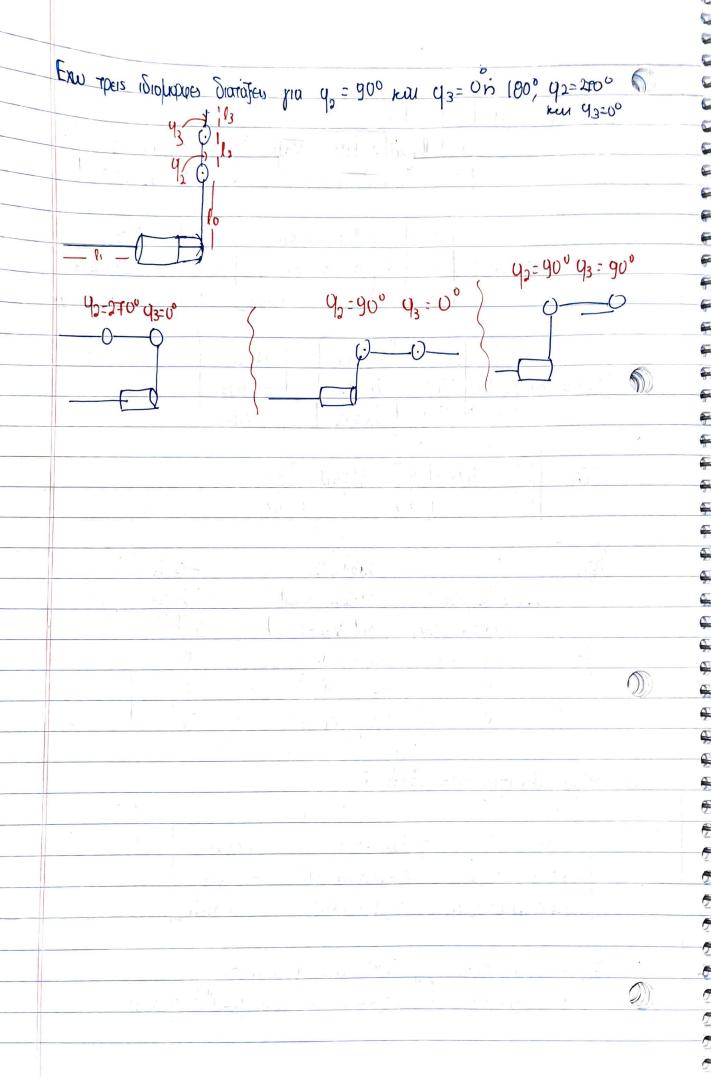
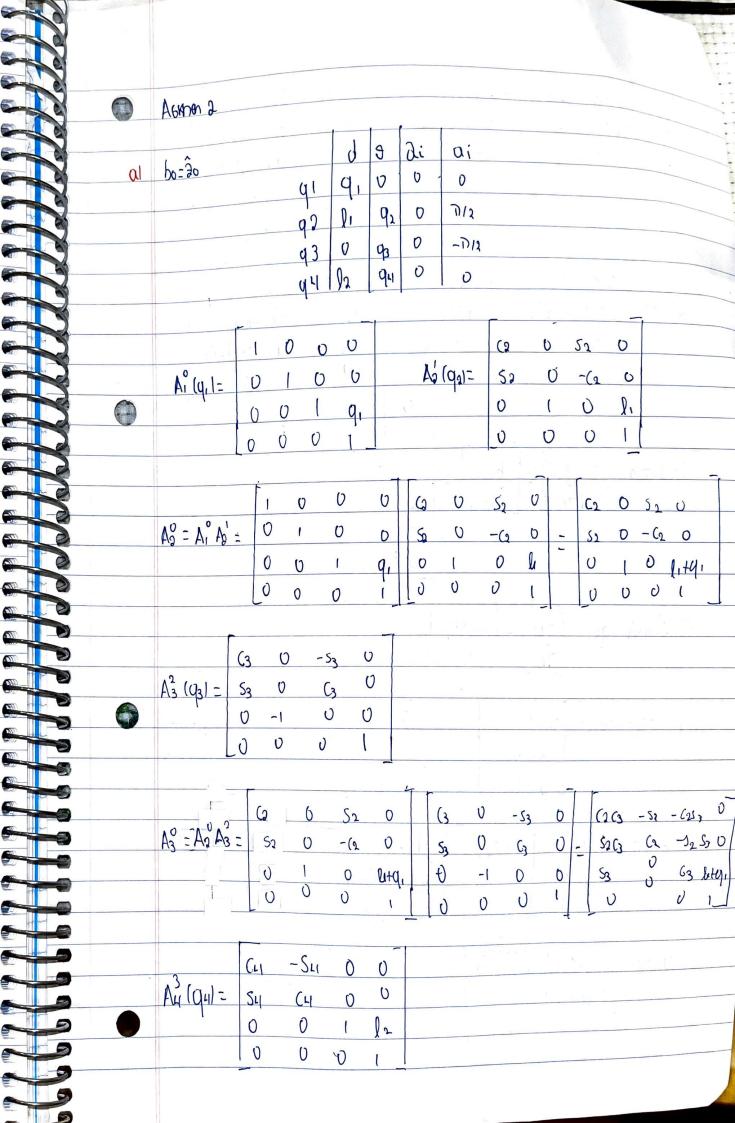
Polynomia 1  Dates Lops Agreew Avostocio Xpistiva Alba $A_1^0$ (q1= 0 C, -s, 10 $A_2^0$ (q2)= $\frac{5}{3}$ C2 0 $\frac{1}{3}$ C3 $A_1^0$ (q1= 0 C, -s, 10 $A_2^0$ (q2)= $\frac{5}{3}$ C2 0 $\frac{1}{3}$ C3 $A_2^0$ (q3= 0 0 0 1 $A_3^0$ (q3= 0 0 0 0 0 1 $A_3^0$ (q3		
Comparison Agrical Avisoration Aiso D3119029  Action I  A $^{1}$ (q <sub>1</sub> ) = $^{1}$ (Q $^{1}$ Aiso D $^{1}$ Aiso D3119029  A $^{1}$ (q <sub>1</sub> ) = $^{1}$ (Q $^{1}$ Aiso D $^{1}$ Aiso D $^{1}$ Aiso D $^{1}$ (Q $^{1}$ Aiso D $^{1}$ Aiso		
Destrop Supo Agricum Associo Spistino Aigo  0319029  As logic Co Si Co O I Si Co O O O O O O O O O O O O O O O O O O		Politiciani I
Avostocio xpistiva Aiso 03119029  Asinotocio xpist	-	Devien Leipa Aansein
$A_{0}^{N}(q_{1} z) = 0  (1 - s_{1}    0    $	-	Avastasia xpistiva Niba
About 1  Ab		03119029
$A_{1}^{0}(q_{1}) = 0  (1 - s_{1} + l_{0})  A_{2}^{0}(q_{2}) = 0  (1 - l_{0} + l_{0})  (1 - l_{0} + l_{0} + l_{0})  (1 - l_{0} + l_{0} + l_{0})  (1 - l_{0} + l_{0} + l_{0} + l_{0})  (1 - l_{0} + l_{0} + l_{0} + l_{0} + l_{0} + l_{0} + l_{0})  (1 - l_{0} + l_{0} + l_{0} + l_{0} + l_{0} + l_{0} + l_{0})  (1 - l_{0} + l_{0})  (1 - l_{0} + l_{0} +$		
$A_{1}^{0}[q_{1}] = 0  (1 - s_{1}  lo  A_{2}^{1}(q_{2}) = 0  0  1  0$ $0  s_{1}  c_{1}  o  0  1  0$ $0  s_{1}  c_{1}  o  s_{2}  c_{3}  o  s_{4}  c_{4}  s_{4}  $		AGMON
$A_{1}^{0}[q_{1}] = 0  (1 - s_{1}  k_{0}  k_{2}^{1}(q_{0}) = \frac{s_{1}}{s_{1}}  (s_{1}  s_{1}  s_{1})  (s_{1}  s_{1}  s_{1}  s_{1}  s_{1})  (s_{1} $		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 - 1 - 1	1001
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		A, (a, 1= 0 (1 -s, 10 A) (D2) = 52 (2 0 12 G
$A_{3}^{2}(q_{3}) = \begin{bmatrix} c_{3} - c_{3} & 0 & -1 & c_{3} \\ c_{3} - c_{3} & 0 & -1 & c_{3} \\ c_{3} - c_{3} & 0 & 1 & c_{3} \\ c_{3} - c_{3} & 0 & 1 & c_{3} \\ c_{3} - c_{3} & 0 & 1 & c_{3} \\ c_{3} - c_{3} & 0 & 1 & c_{3} \\ c_{3} - c_{3} & 0 & 1 & c_{3} \\ c_{4} - c_{4} - c_{4} - c_{4} - c_{4} - c_{4} \\ c_{5} - c_{5} & c_{4} - c_{5} \\ c_{5} - c_{5} & c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} - c_{5} \\ c_{5} - c_{5} \\ c_{5} - c_{5} \\ c_{5} - c_{5}$		0 51 C1 0 0 0 1 0
$A_{3}^{2}(q_{3}) = \begin{cases} c_{3} - c_{3} & 0 & 1_{3} c_{3} \\ 0 & 0 & 0 & 1 \end{cases}$ $A_{3}^{2}(q_{3}) = \begin{cases} c_{3} - c_{3} & 0 & 1_{3} c_{3} \\ 0 & 0 & 0 & 1 \end{cases}$ $A_{3}^{2}(q_{1}, q_{2}) = A_{1}^{2}(q_{1},   A_{2}^{2}(q_{2})   = 0)  C_{1} - c_{1}   loo  S_{2}^{2} \cdot c_{1}  O     2c_{1}^{2} \cdot c_{1}^{2} \cdot c_$		0 0 0
$A_{3}^{2}(q_{3}) = \begin{cases} 53 & 63 & 0 & 1_{3} & 6_{3} \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 & 1_{1} \\ 0 & 0 & 0 & 1_{2} \\ 0 & 0 & 0 & 1_{3} \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1_{3} \end{cases}$ $A_{3}^{0}(q_{3}) = \begin{cases} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{3}) = \begin{cases} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{3}) = \begin{cases} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{3}) = \begin{cases} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = \begin{cases} 1 & 0 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{11}q_{2}) = \begin{cases} 1 & 0 \\ 0 & 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{11}q_{2}) = \begin{cases} 1 & 0 \\ 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{11}q_{2}) = \begin{cases} 1 & 0 \\ 0 & 0 \end{cases}$ $A_{3}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{11}q_{2}) = A_{1}^{0}($		
$A_{3}^{2}(Q_{3}) = Q  Q  Q  Q  Q  Q  Q  Q  Q  Q$		
OI FXW  As $(q_{t_1}, q_2) = A_t (q_1) A_2(q_2) = 0$ O $(q_{t_1}$	1	$\lambda_{2}^{3}$ $(r_{2})_{2}$ $\lambda_{3}^{3}$ $\lambda_{3}^{3}$
01 Fxw $A_{2}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = 0  C_{1} - S_{1}  b_{2}  S_{2} \cdot C_{2}  0  b_{2}C_{3}$ $0  S_{1}  C_{1}  D  D  O  O  O  O  O  O  O  O$		
$A_{2}^{0}(q_{11}q_{21}=A_{1}^{0}(q_{1})A_{2}^{1}(q_{2})=0) C_{1} - S_{1} lo S_{2} C_{2} O l_{2}d_{1}$ $A_{3}^{0}(q_{11}q_{21}=A_{1}^{0}(q_{1})A_{2}^{1}(q_{2})=0) C_{1} - S_{1} lo S_{2} C_{2} O l_{2}d_{2}$ $O O O I O O O I$ $C_{1} - S_{2} O - l_{2}d_{1}$ $C_{1}S_{2} C_{1}C_{2} - S_{1} C_{1}C_{2}l_{2}l_{2}l_{2}l_{2}$ $C_{1}S_{2} C_{2}S_{1} C_{1} S_{1}C_{2}l_{2}l_{2}$ $S_{1}S_{2} C_{2}S_{1} C_{1} S_{1}C_{2}l_{2}l_{2}l_{2}l_{2}l_{2}l_{2}l_{2}l$		
$A_{2}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = 0 \qquad C_{1} - S_{1}  bo \qquad S_{2} \cdot C_{2}  co  l_{2}S_{1}$ $A_{2}^{0}(q_{11}q_{2}) = A_{1}^{0}(q_{1}) A_{2}^{1}(q_{2}) = 0 \qquad C_{1} - S_{1}  bo \qquad S_{2} \cdot C_{2}  co  l_{2}S_{2}$ $C_{1} = C_{1}  C_{1}  C_{2}  C_{2}  C_{2}  C_{2}  co  l_{2}S_{2}$ $C_{1} = C_{2}  C_{1}  C_{2}  C_$		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	(a)	txw
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	,	100016000
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		As $(0, 0) = A_1(0) + A_2(0) = 0$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
S1 S2 62 S1 C1 S1 C0 12		
	3	
	3	3((1))
	3	
	9	

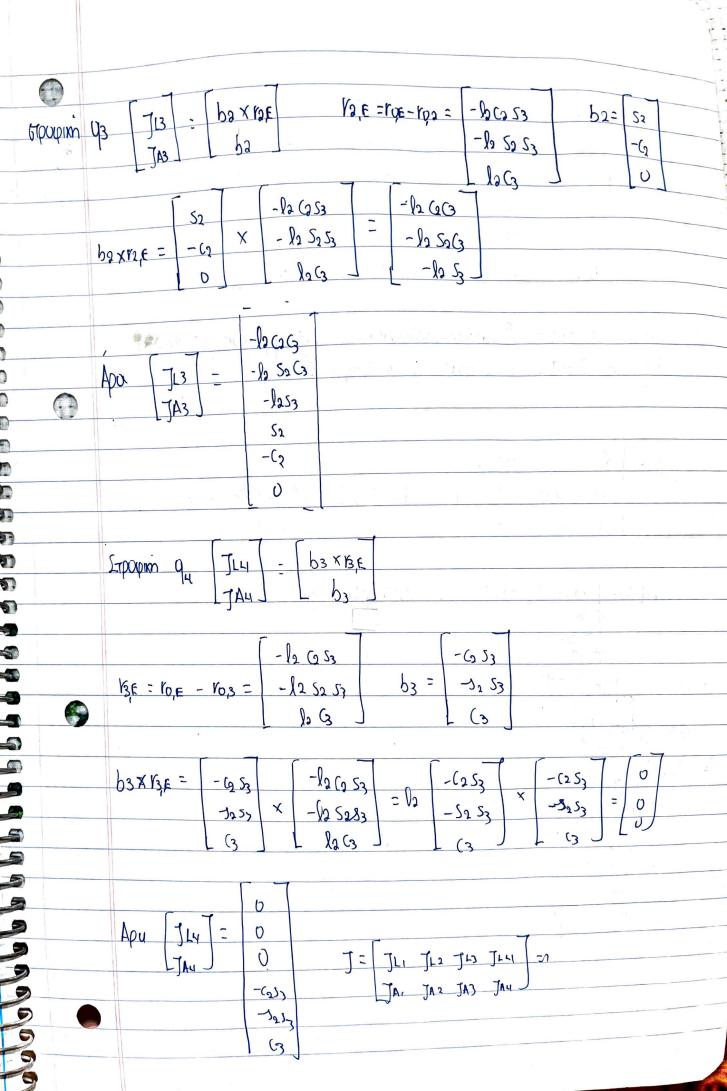








					1		
	. 0	(2(3(4 - 5251	-(2GS1-C	Scl	- (2 Sz	12 (253	
	Ay:	52 (3 (4 + (2 (4	4 50 C3 54 7	(24)	- 5253	-l2 S2S3	,
		25 CH	- 53 Sy		(3	4+4,+1263	7 .
		D	0		0	] _[	. 1 -
			V				
		-	, st a	C)			
		(2 G C4 - 525U	- ()(3Sy	-SoCI	-(253	-1262 53	
	10 =	52 63 (4 + 62(4	1 -S2 GS4	46264	-52 53	-le 5 53	
			-53		(3	l +9,+12G	
			= -70		O		<u> </u>
			4.1	O	1	è z	
		1. 0	4	O		J. A.	
	Tlordu	nim qi: Ju	- bo -	1			•
		JAI	(3×31)	0		,	• • • • • • • • • • • • • • • • • • •
	at-1	I **	1 X = 2 ×	0	Ų		Ç
ř "T			la e	0		7 2	•
		V V	1 10 0		1	(	<u> </u>
	Erpor	pim qa Ju	- BIXVIE	-	я		<u> </u>
		JA2	1-1 bi			1.	<u> </u>
				r			
	γι, ε =1	Qe-ro, 1= -12	(2 S3	612	0		-
			2 52 53		0	of the second	Ē.
			t la C3 -	3			9
7.4	, , ,			<u> </u>	7		
	bix		- (2 (2 5)		2 525,		£
1		0 x	12 39 33	- X 2	(6.5)	6	F
· 1	gran April		1+ leg -		U		<b>5</b>
	Unore	[7, ] [	2 82 53				5
	VI)OLE		0		· · · · · · · · · · · · · · · · · · ·	Section 1	•
		JA2 J	0		- F	the state of	
			0		3		
			<u>'</u>	*		e "	2
							5
							6.4



				•				
		U	-b 5253	-12 69 63	0	27		489
		0	la Ca S3	-J2 5q (z	0			8-
	]-	l	0	-1253	0			
		V	0	52	-65)	>	1	
		0	.0	Ta	- 2023	1 - 11 - 1	9 95 7 2	
		_ 0		O	6		*	
61	Hy	Sev ETV	npeater puviai	и тахитити та	end effer	tor UD	ote 01.	
	(gionobi	pes διστο	Тен вриско <del>ма</del>	unio in funipa	JA		7 .1 4	
14	1,		÷ ,		1 - 1,1 -	1	1.11	1)2
		10 to	7" "	01 20		1	* 100 miles	*
	Ja! =	0 9	52 -(25)		F 2 2	_		
	J		-(2 -5213	det (Jal)	=-521 <sup>2</sup> 53-(	~ 23 =-	53	
192		-	0 (3 -				,	
-				441	th's		Cara	
	det (	TAT = 0 =	15 () - c) N	Martin Cut : An	es 11 11s T	cante		
•		41	1 22-0	43 KI EWY	pulpy on	( לעיין/		
		J. g.d		93= ± KN EWY	pulpum J	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (		
11		J. g.d		9311-6009	pulju in	7 ( ( ( )		
		J. d. b. 7. J. 5. J. J. 5. J.		43 KIT EWY	pwin or	7,500	513 1 15 1	
		J. g.d	- <b>y</b>	43 KIT EWY	puljin on J	, , , , , ,	eni i jel	<b>D</b>
		2 / 2 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 /	- <b>y</b>	43 KIT EWY	pulpin on J		eris i jei	
22		2 / 2 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 /	- <b>y</b>	43 KI EWY	Pullin on July	, 2 3		
22	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2 / 2 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 /	- 43	43 KI EWY	PWIN P			<b>O</b>
32	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2 / 2 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 /	- <b>y</b>	43 KI EWY	pulpin on J		- 13 - 17 C	<b>D</b>
22	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2 / 2 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 /	- 43	43 KI EWY	pulpin on J			
22	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2 / 2 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 /	- 43	43 KI EWY	pulpin on a second of the seco			
27	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- 43	43 KI EWY	pulpin on J			
27	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- 43	43 KI EWY	Pulpin on J			
22	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- 43	43 KI EWY	Pulpin on J			

0	Agmon 2
	lo quanto de la fer facilitation de la fer fa
	lia rom: px=l1+q,+l2+(2)3 py=l0+52l3 p3=0
	$Ux = q_1 - l_3 s_2 q_2$ $Uy = (2 q_2 l_3)$ $Uz = 0$ $Uz = q_2$
0	$Uq = \sqrt{U_1^2 + U_1^2 + U_2^2} = \sqrt{(q_1 - l_3 S_2 q_2)^2 + (c_2^2 (q_2)^2 l_3^2)^2} = .$
	$\sqrt{(q_1)^2 + l_3^2 s_2^2 (q_2)^2 - 2q_1 q_2 l_3 s_2 + (s^2 (q_2)^2)_3^2} = 1$
	$w_1^2 = (q_1^2 - 9q_1 q_2 l_3 s_0 + l_3^2 (q_2)^2 + l_3^2 (q_2)^2$
	Onote
8.5	$k = \frac{1}{2} m \left(  \dot{q}_1 ^2 - 2\dot{q}_1 \dot{q}_2 l_3 s_2 + l_3^2 (\dot{q}_2 ^2)^2 + \frac{1}{2}  m \dot{q}_2 ^2 \right)$
0	P=mg [10+1350]
	$\mathcal{L} = \frac{\partial F}{\partial r} \left( \frac{\partial G}{\partial r} \right) - \frac{\partial G}{\partial r} + \frac{\partial G}{\partial r}$
	ogi ogi
	(ia i=1:
	adout has glater in the court of the contraction of
	$\frac{\partial K - O}{\partial q_1} = \frac{\partial Q}{\partial q_1} = \frac{\partial Q}{\partial q_1} = \frac{\partial Q}{\partial q_1} = \frac{\partial Q}{\partial q_2} = \frac{\partial Q}{\partial$
	$\frac{\partial q_1}{\partial q_1}$
0	$\frac{\partial}{\partial t} \left( \frac{\partial r}{\partial \dot{q}_1} \right) = \frac{1}{2} m \left( \frac{\partial \dot{q}_1}{\partial \dot{q}_1} - \frac{\partial \dot{q}_2}{\partial \dot{q}_2} \right) = \frac{1}{2} m \dot{q}_1 - \frac{1}{2} \ln \left( \frac{\partial \dot{q}_2}{\partial \dot{q}_2} \right) = \frac{1}{2} m \dot{q}_1 - \frac{1}{2} \ln \left( \frac{\partial \dot{q}_2}{\partial \dot{q}_2} \right) = \frac{1}{2} \ln \left( \frac{\partial \dot{q}_2}{\partial $

THE PROPERTY OF THE PROPERTY O

1 Pia iza: Uk - 1 m (-29, 13 Gg) = -m9,13 Gg2 OP - my BCD  $\frac{\partial \kappa - 1}{\partial \dot{q}_2} m \left( -2\dot{q}_1 l_3 s_2 + 9l_3 \dot{q}_2 \right) + lm \dot{q}_2$ m (- 19, l3 52-9, 130, 92+ 130, + 1m 92  $7=\overline{7}F$  7=1 0 1352 7=-1 0 1352 -1362T1 = - Fx Ta = 13 59 Fx - 13 Cofy Apu 71=myi -ml35292= ml3cqq22-fx 70= m (-q, 1350 - + 13 92 ) + my 13C2 + 1358Fx-13Cafy 71 = mq1 - m l352 q2 - ml3 (2 (q2)2 - fx 72 = m (- 0) 1352 + 1392) + [m q2 + mg l3 (2 = 1352 fx - 13 (2 fy