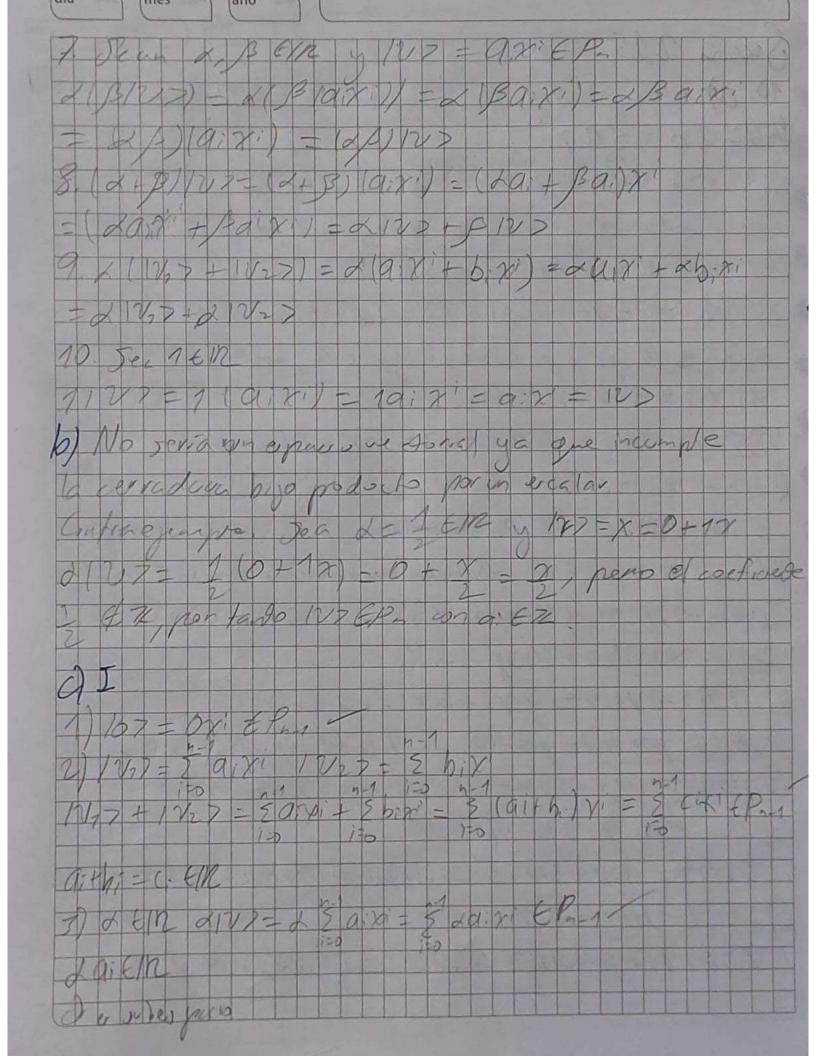
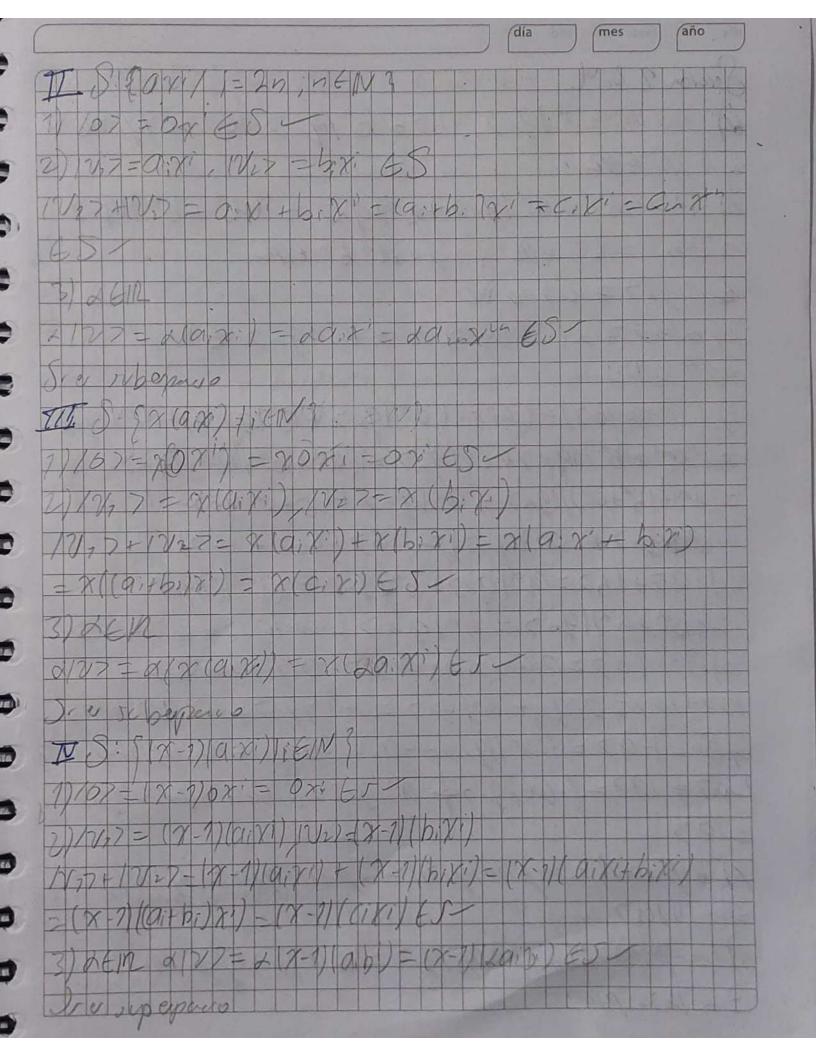
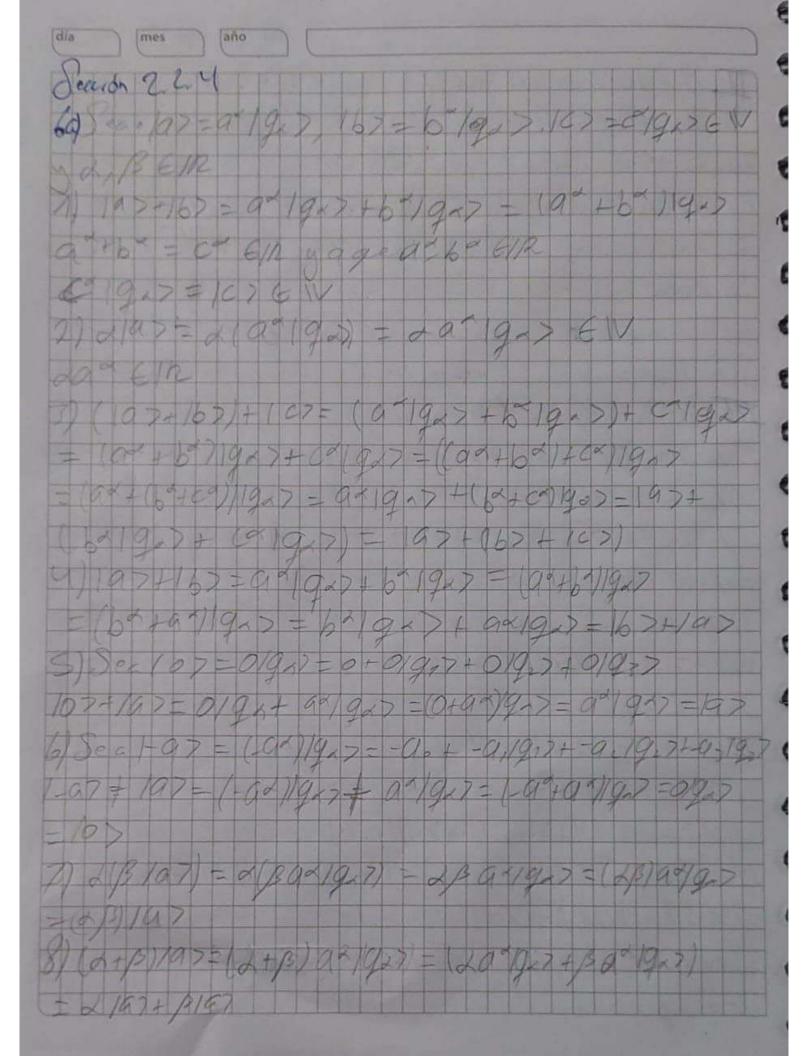
ección 2,15 10. a) Sea (V) = a.x DIXI GPL Probe axi = 5aixi 11112+12>=021+518 (dithi) x 91+4 = C EIR 121 Aculo 1N. 2+ Maz = 0 ea & EM, 212/2 = 2 (a:xi) = ai & la ya que cada ai ya Ela anberco 177= 601/X1 EPS 3) Sean 12/2 = a.v. 1017 = bix', 12/3 >= Gix' (N/2) + 17/2) + 17/3> = ((a)x1 + 6x1) + 6x (a+b)x+c|x=(a+b+c)xi bici Ela presenten avoradire da l'acque (a)+b+41) X' = a X'+(bi+c) X' = 1V17+ 10, 7+ (12/, 2+ 2/5) 1 = 1 a: 1 b) ay DIEVR par fante, procente ant + bix = (anh) x = (0+bi) x = 60 = 17 -ax + (ax) = (ax) = (ax ax) x = 0x =

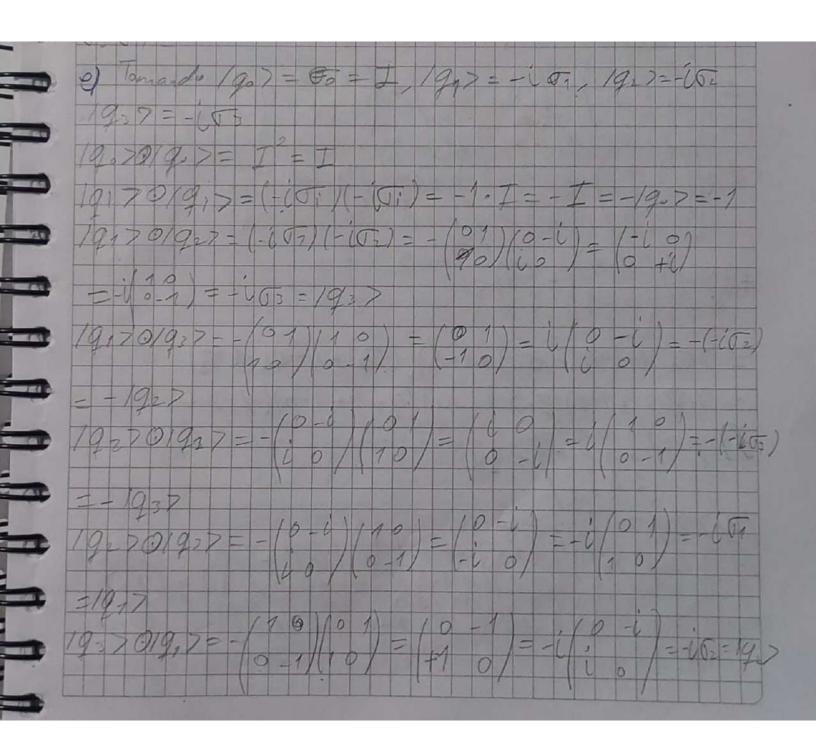


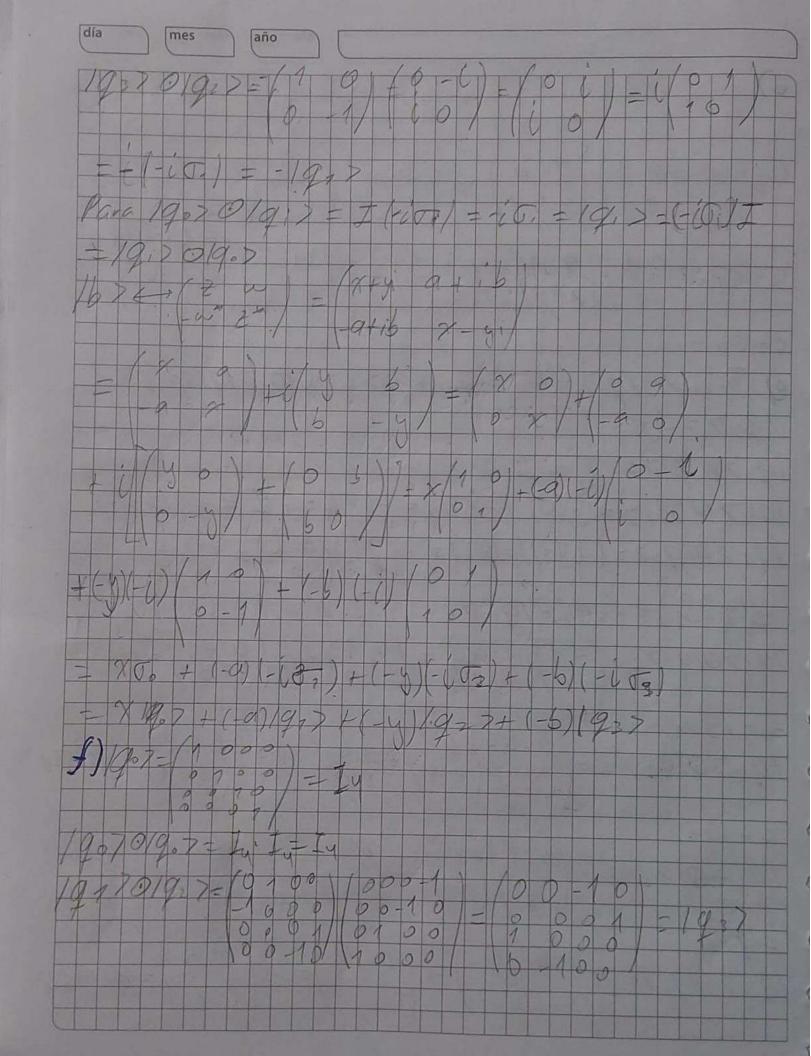




1107+1621 -2100 19x2 8/97 + 2/6 10) Sen 7 Em 1/07=19-19->=19> b) a = 16 20 117 = (6° 6) 6 (6° 1) = (6° + 67/912 +62/912 +6 19.21 0 (X + K2 19, 2 + 12 19 2 + 13 19 3 6010+601/917+6012/912+60/7/937+67/9121° 1 62/9,7/2/9,2+ 6,19,2/2/9,2 +6,19,2/3/9,2+6,19,2 192741927 001927 K21927 +62/927 31932 63/93710 + 63/93 > /3/977 63/93712/927163/93 X342) 010 + 60 1 + 10 B + 1- B.1) + B1x 19 - 10213-63/2)192 2 (b= (2- b 1/3) 92) 613+6210)/93) 607400 7= (6919-16-7) 46K7/14 9/670/47 = 64/9×1010/1907 = 6919-611+106/1917 450 1 9:2+ 816 61 Mu avte encolar: 1010-61 = algo > = a love vectorial June Fricas 106197 + 6011912 = 611912 + 10601912 Tragando 10 b + 6 7 = 5 4 82 agri 1=0, portanto

día mes año ylnyno 0 SI'VE trene > 017 = 6 P1 + (+b. 1 + 6+0 = a1907+0 + (-3 m) : Parte vertilal antimothera (d > no w vector no MICA Dueercala-, erte yaque consesponde ala ervector nelty/cade por un ecolor 13.60 polare do vectorer pedoveda (ASKI) byla an prolicto bot de de vechou axia a convector





mes 0) 10 0 como koltado en cuatornois mel Figlices on, ya gre 19,701927=19:2 \$ -19:7-19:20190 no e grupo aheliano, por lo tanto no or cierpo, por defindo.

mes año 0(9/6)019+ 19103-0361/19 prbs - 9252/93 117701907+11917+01907+01907 O107= (ax 6+90)+006i/917+60-91/917+(9-6-9-6) 9,63-936,79 2H (0,61-0,63 9 6 1 9-7 + 1 Roby - Dog + 9 3 by - 02 by 1 190 + (app - 02) b3-036 2)1927+(0063-6,03+04b,-0,6)193 70 ×0/4 } = (b, 0, -0, b, + 926, -0, b) 19->+ (0 6 19, > 19,7 X 4015 1927 1937 10,7820/672 29/472 00/67 Ca16/2 >0 < 9/6 > = (609, -406, +96, +06) (got + 9/1/01) 600-000+ 9162-060) 1gez + (a.b. -6.01+1163-061) 937 1-0-6 1000 x+ 1000 1-00 p+ 100 - 90 px 191 (1917 080/67 x 1917

2 6 902+ (600) + (2067+ (206) - 9:60) (0) (a.b2-6-a+9163-6103/1927+(10h3-6093+abn-abn)193. 69/67-19,20 69/62019,2=20 6/97+2(00by-100,40342 -acb3/19,7+0/9,7+0/937 1 (a16) - 19,20 (a16 019,2] -967 = a26/907+ appy-609, + 0362-9263/1912 S. C = doby-b, an +a.b. -arbs, enforce 20/67 = 00/6/907 + C/907 EC 1) < 0/97 = (0+)/9-7+0/9-7 = (00) 20 Lala7= Qo-+a,2+a,2+a,2=11/a7/12 Si cala7=0 quene decir que ao +a, +ali-a; =0, de oido a ge la controlad di es mempre partire de bolo a gre a: Elle, entence la crica forma de que cara so 4 gre a: =0 or decin (0) = 10) 2) (0167= a 4/4/90 > - (0.6) + 0.091 + as be -0.6) 190> Chla7 = bt at/got + (boly - dob 1+ b) 92 - 6293/191> < blot = 60 1/90 + (0.61 + 0.65 - 6 03/19)

3) 26+Bc; 2,Bly b, CEV Tomandodo db+Bc=(algo7+619) (bo19,2+6,19,2+6,19,2+6,19,2+63/9,2 (x190>+4190>)(colq0>+Colq0>+Colq0>+Colq0>+Colq0>) = 9501907 +951917 +104927 +0631937 660/912-661+661937+(-668/927)+26/902 X Cylg 17 + Kirl quit X C3 (9 > > + 4001917 - 4 c190) +494937-463192 (0100-601 xx60-40/190> 1 (ab) + 6hojx61+400) (912 1 (ab2 + 0b3 + 802 + 4 C3)192 > + (ab + b) + 803 (a a b + B c > - (a° q bo - a° bbn + a° x co + aoy cn + a, abn + a, bb. +91xC+d14Co+arb2a-arbb3+02xC2-914C3+9363 + 936 4 4 3 7 43 + 93 4 (2) 19.> +(00 abn + 00 bo + 00 x C1 + 00 y ca - 01 abo + 016bn - a1x C+ 1020 C + 43 ab 1 - 43 6 b 3 + a 3 x C L - 9 3 4 C 3 - 0 1 a b 3 - a 2 6 b 2 - 0 2 C 3 2 = (00060-0060+ a1 aby + a166. + a2626 - 4263 40- abs + 43 bb2 1907 + (00001 + 0000 - 91040 + 91641 + 930b2 - 93603 - 92963 - 02652) 1917 + 190x Co - 03461 + 01201 + a140, + a1x C2 - azy(3 + 43 7 C3 + 43 4 (2) 907 + (00 70+ 00400 -0780+9140+902002-03403-02403-02403 1917 a[a+6+7/907+x[a+0](q07+a[a0b1-0001+00b1-00b3](q) dia mes año 0100 - 9 -a, C1+a, C0-a, C3+ C295 Can + a3 ao po + au b1 - an CA a, Co + a, Co 20 1-01 UI 9010) 01907+0 1207 U modocto buen Interno

010>= (00 + 0.0 Q001+ Q00, + ad + ap (-a) +a0(-a) +00/-03/= 11a>11=1a2+a2+a3 1 11 a 2 M = 100 al as GIR, se sube go 02 20 Sicappe por tanto la operación das ete de Ponda y en portrun el tropyer en 12. Para que 11 a 711=0 entonos ap +a, + 40 + as =0 ya gre cada a Etk la cantidader at 20 senpre Por fanto, para go as so, no convamente cada q =0, entreer 1/1/10/11=0 + 107=0 2) 1(2/07/1 = 16/08+(201)2+(201)2+(203)27 LEIR W/192)- = 10/5/92-18/11/07/1 3) 11 10 7 + 16 71 = (a+b/a+b2 -+ /1/97+/67/12 = ca+b/a+b) = 11/07112 + 1118711 + < 0/57 + < 6/07 = 11/0>112+11/5×11+ cafb2 + 40 10 = 11 10 >112 +11/6 x1 + 2 /2 (Ca+6>), Por proposed de 2020 140/67/ 52/40/67/ 4211/01/11/67/ Por derigeal dad de Carchy - Schwarz

entongu: 11 107+ 16>114 (11/0>114/11/6>112+21/0>11 (1119>11+11/6>11/2. Applicando vais cradiada en 11107+16>11 4 110711+ 11/6>11 - Duig ud der trang las Sou prene de l'incisa de norma. ao - ailgiz - alo -1070102 - (00) -(92) 900 = 11907 19,7+019,7+01907 01/02 B de el jueus de 107 10 Ben 197, 167, 167 6 W 1) 1070167= (as bo - aib;)19.7+ (asbit b.0,+azb3- asb2)1917 + (a b t b a c + a 2 b 1 - a 1 b) 1907 + (a b 3 + b a 3 + d 1 b 2 - a b 1) 1927 Esto apariar a o cocido b) entoner 10>015>EVV 3 2) 1070(1670107)=100/407+01(917+01(127+931937)0 10. (1) 9.7 + (b. Ca + Coba+ b2 (3 - b3 C2) 927+ 10. (2+ coba+ b3 C1 - b1 (3) 927+ (b0 C+ 6 b3+ by Ca - b) (4) 937

Westdande ge 1907= donde of son las matrices de Parli Definado una forción P: N-Me (0) como: (a, a) = a01 -i a. 01 Entonger, formante ad 1927, 62192761 (a, a) · 9 (b) bi) = (a) - (a; Ti) (B. 7 - 6) Ti (a06, I - 1006 0j - 40090 - (a)(i) (b)() (a. o.) (boi) + Definendo el producto entre de matrice Pull como JiJ - Sil ti Ein Jr Lungo (ai Gi) (bg) = a: bi Gg = a.b, (811 + 48/2 Th - a.b. 517 + (Ein a.b. Ein a.b.) Th Por () fand, Q (ag ai) ! Q (b,b) = (0000 - 9ibi) I = (006) Boar + E120:6702 La qual coincide un feno plas, ai) Op (bo, bi) con 1020160=19,6,-a.b, 9.5+62+ax6 enlarco P (9070152) = P(102) P(62) Sean 107, 167, 197 EW 4((1920167)(010) = 4(1970167). Q(10>)=(4(197)4(16>)) (100 (160010)) = (100 (160010)) Portanto: (1070162) 0 (0) = (070(100010)) fits yage yer fryer true y aportion my de hids a gue trone come base mentione 2xx la crair complex on esta go cratindad heredondo esta propodad a P

102010>= 90 190> +0191> 16 racios el prato = 119.7 1920192=921902019:7=11902 1970107=1070107=11907 4) 7 11907 EV: 11907= 11907+01907+01907+01907 19701190>=1001907-01.71907+007+10+001 Definado a= a: 1912 y 7 = 1:19,>=01917 Contencer 1970119.7= 9.1907+9:19:7= 9.19x7=107 119070107=1001907-1001907+700+100+100+ = 901907+9i19i2= 107=102011907 of a neways 907 1907 1907 1907 1937 19.7 1927 -1957 -1 1977 19-7 19-7 19-7 -19-7 -1

