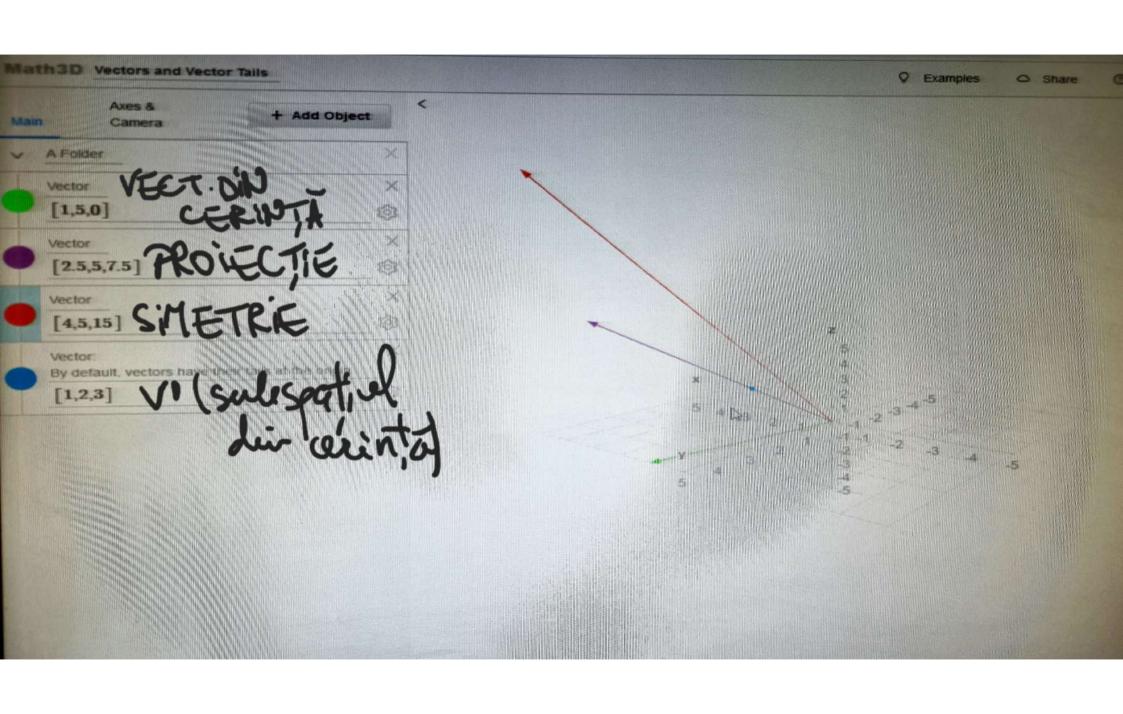


MJ=1=) | 1 2 x | =0=)2-10x+22y-11x+2y-102=0. -71X+24y-92=0/3 -7x +8y -32=0. = 4(xidiz)eR3 (-7x+87-52=0) W T. Dimenseum -> ofin VM R= 5/1,5, W/(2,1,-2) { Neper Extindem la un reperdir R3 12 1 = 3 maxim = SLI V"= < 3/110/01/2 = 3 = cand (2

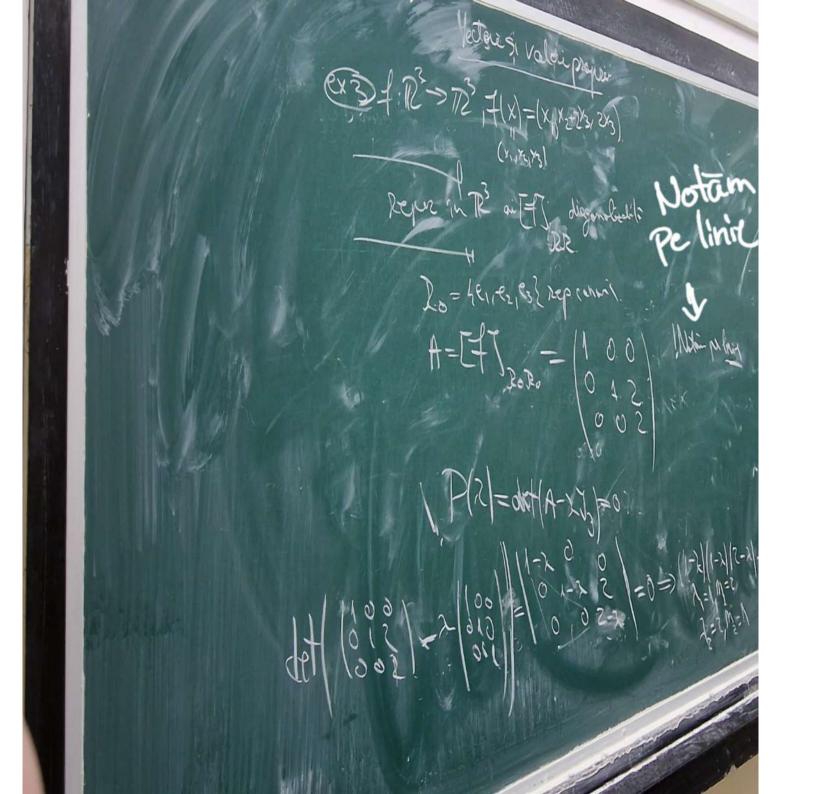
PYD Proceedi zi Smetri P procedie pe V, de-a lungul lu 1/2 daca p(v, +1/2)=V1 P. 1/18/2->1/18/2 biosa. principle = Pop = P SEEN(1) , 1=1,61 s se nums to sinetic/involutions > Non=id P projected 1 = 2 pid Senation a+b=1=162-3/2 (120)=\frac{5}{2} (153) + (\frac{5}{2})(0,0)1 3a+c=0=>(=-15/2 = 5 15 15 b) 5/1/5,0/= 2 P/1/5,0/ - (1/5,0/ = (5,10,15/ - 1/1/5,0) = (4,5/5)

b) D(1,50), S=simetria feta de 1, al Rg (1 10) = 3 maxim (1) R=5(1,2,3), P1, P3 (50) => &=reper în IR 2,-4(1,2,314 refer in 1) (1,5,0) = 2(1,2,3) + 5(1,0,0) + c(0,0,1) = (a+b,12a,13a+e) The fenes 3 sepen in 1/2



etais valoi proprie Robbina Dagondizace felliti) 1 / EEdlV JR= Jen, - yen? reportin / au [7] = A diagonal= | 20 | = | = | = | + 000 + . - + 000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 10000 = + 100000 my fley/-08,+022+--+2284 Dod. Letually xel motorproportion 37xell ai f(x)=2x y= Alboria bylasis asociates Atchar pi brown 1/2= 1xe/ flx/=xx } = shorted bedres asocial ray broken y

Polynom constantie: P(r) = det (A - 2- In) = 0 Val popir = nædachile polynomber canadenistic Tde diagonalizare: fix f= EndVI, JZ=he,,-,enzmVai [f]zz=A diagonalizabila (=> din 1/2= M; de cate ai oncre



Vi, = 4xetp3 (f(x) = 2,x3 = 4xetp3 / f(x) = 1.x9 AX=1.X=>AX-X=03,1 2, = 4/1,0,0),10,100} Report

Vetgre si Valori proprier di-1/2=1 = m2 J-2102=4(1,8,0), (0,1,0), (0,2,1) { Hyrrin con 4=E£135 (005)

It forma believe of 1/xV->1/x (=) glevaring fecom enguest | glax+by|= = ag(x,2+bg|y,2) + bg|x,2| + xiy,2e/ g(x,az+52)= ag(x,y)+bg(x2) not L(VIV; IK) Int f. Popular simetrica (T. (K. IKI) <) & (K. IKI) = & AX ex giridl= xig1+2xid2+2/2d1-4x2d2 4 Phrone Scinetise (Tol(NRK)=3(NR)=-3 (A)) 6x-3(x1)=5/4/2=5/2/4

fie geLDLV,V,KA king = yeV|glxij= 0 fyeV} kery=hare=>g nedegenerat. Mad associata of bilinion G19:11-11 g(e,,ex) - g,y => G= GT (=) G smetric= (AB) g. RXR3-SR3 glyy= x171- x272-x173- x371+2x273+2x3 1/2 (10-12) = G (GT=(0.125) = G=) G=imetric. 1/3 (10-12) = G (GT=(0.125) = G=) G=imetric. G a so cothi Ro