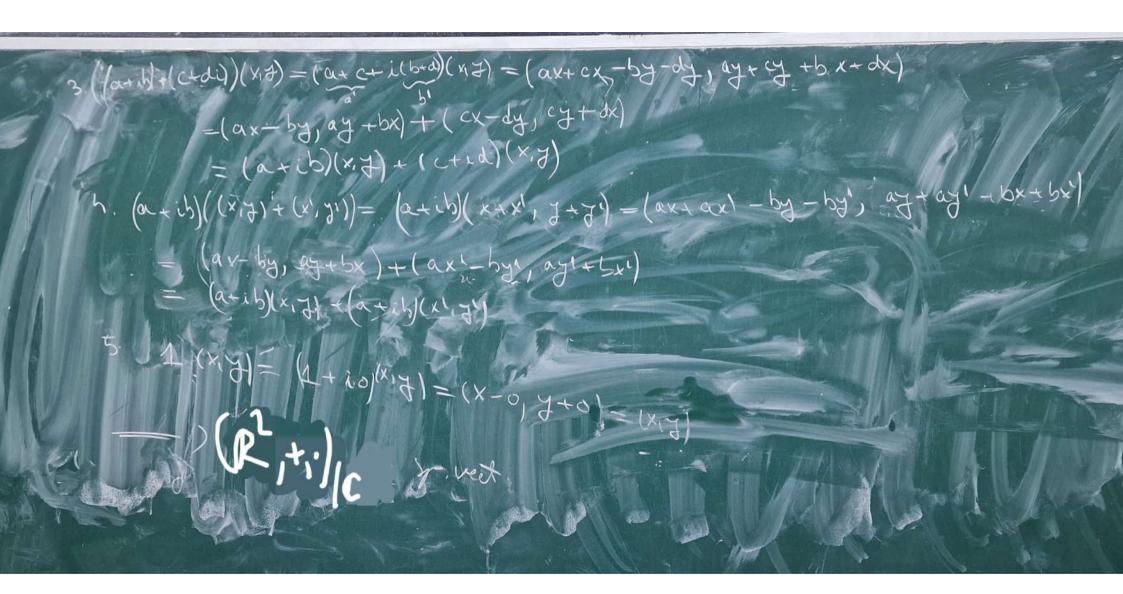
Asociativa core verifica se elen Sunt finety: Zabile a, b ∈ 1k (scalar) d×, y∈V (vectori)

1+70) (orp comptable) V = R2 $-: \mathbb{R}^2 \times \mathbb{R}^2 \longrightarrow \mathbb{R}^2, \ (x,y) + (x',y') = (x + x', y + y')$ $: \mathbb{R} \times \mathbb{R}^2 \longrightarrow \mathbb{R}^2, \ a(x,y) - (o,ay).$ +,.)// cp. vectorial 1.(xig) = (0,g) + (xig) | ngulas) => NV este spreet

(C, +1.) corp compath /= , (atib) · (x,y) = (ax-by, ay-bx) southid. TP 1+) guy abolion eridont 2. (at ib) (c+id)-(x,y) = (atib) (cx-dy)cy + dx) acx-ally-boy-box, acy+adx+box-boy) analy ((atib)(ctid))(xiz)



Subspotiu vectorial: V'èV relevant; mo rende: +aibek, trigev'=> ax+by ev' E(x, y) = TE | tgy = 0? CP2 subspectiv vectorial 1314p(xs,194 E) a(xi,yi)+b(xz,yz)= (xx,+bxz, ay

KITT Q,

Jistens livare Bisteme de generatori Baz Sistem de generatore (SG) = mul. 5', V-<5> $|x \in V| \times = \sum_{i=1}^{n} a_i x_i$ are $|x_i \in S|$ Seten huar depends (SLD): and si solution polices

Jan-janet In (My top Muli)

Dinensiue spatiale: din 1KV = 102. de ve doi nicesori purhu a baser. Cord + SG > Cord + SLi (finit) 1 hor more de medai pl Sti M = ding na min de need pt SG S=SG / Editolonte eg alitate = S= 341 S= Baza

Jostene linare Disterne de generatori Baz Bore canonice. 1. (P,+1) (R Bo= (1,0,0),(0,1,0),(0,0,1) , dm R = 3 2 (CT) 1 B= 51, i?, ding C=2 3. (1/2/21+1) Bo={(30),(36),(00)} din R MEZ - 4 h. (# xtx Jz - t, 0)/1 Bo - 4 x x, x, 1? drie RCxJ, = ?

Jostene luvare Disteme de generatori Bare 5=4(11m 1), (m, 111), (1,0,1m)3 (R2,+,-) IR &p rest. for anazorasel (a)+maz+az) maz+az) d(+ az+mas) = (0,0,0)

A = (m 1) 000 tet A = (m-1)(n2+m-1)=0 SLI (=> =) sol (00,0) (=> dut A = 0 (=) MEP / 1,-1=18 SLD (=> =) sol number (=> dut H=0 (=) MCG 1-1=18) SCI -> Veet per colomas * Roca wrem sã aflam SLI, scriem Vectorio pe colooná