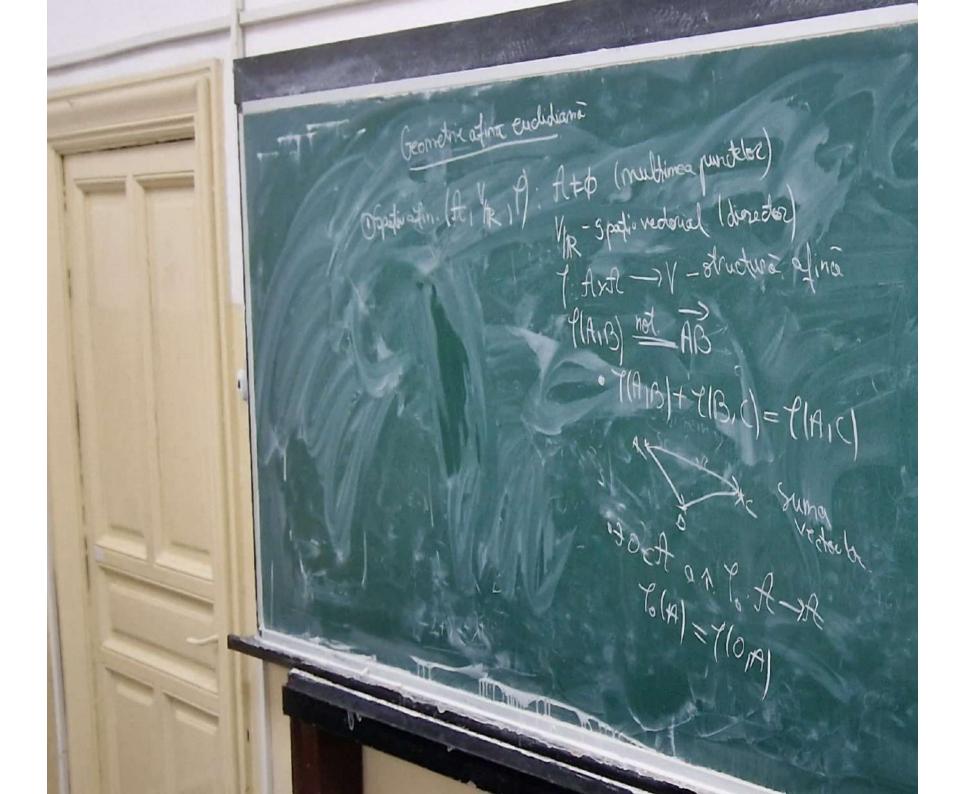
Produse OProdus scalar. X·y - < X/y> = x1 y1+ >2 y2+x3 yz, In (P2, g) Produs vectorial X x J = | e1 e2 e3 ! Obtinem un vector

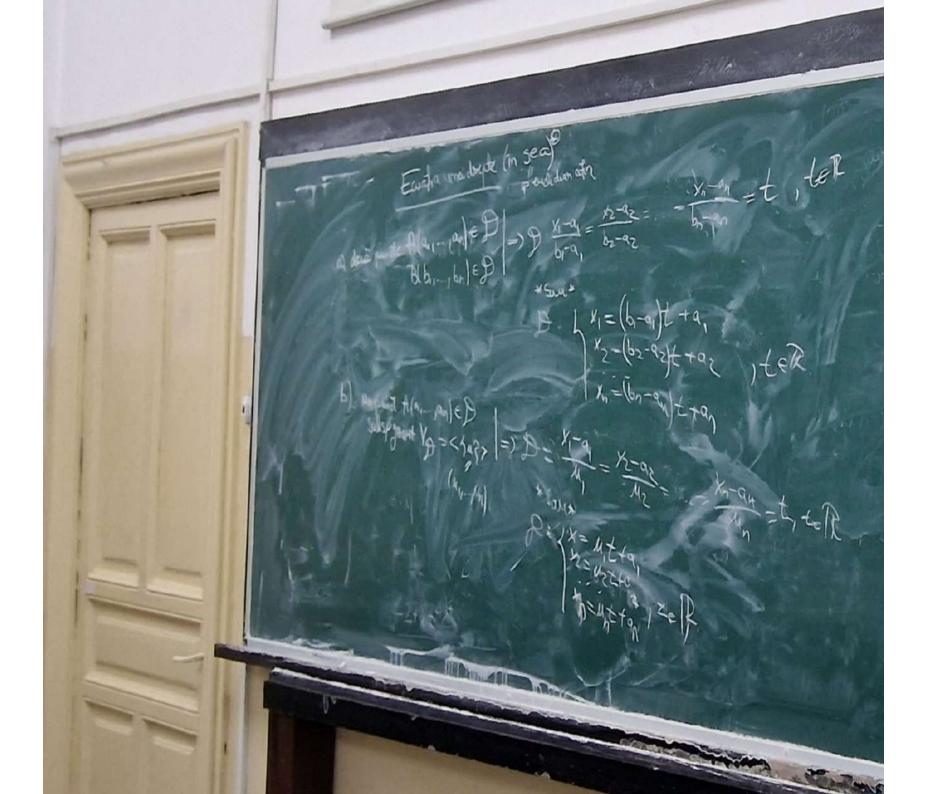
X, X2 x3 | porpodicular pe x six

| y, J2 y | 3 Produs mixt. XNYNZ = | XI XXX | 3 3 3

(TR3, 90), M=11,-1,21, 8=(0,1,3), W=(1,4,0) a) MXV b) M NUNW



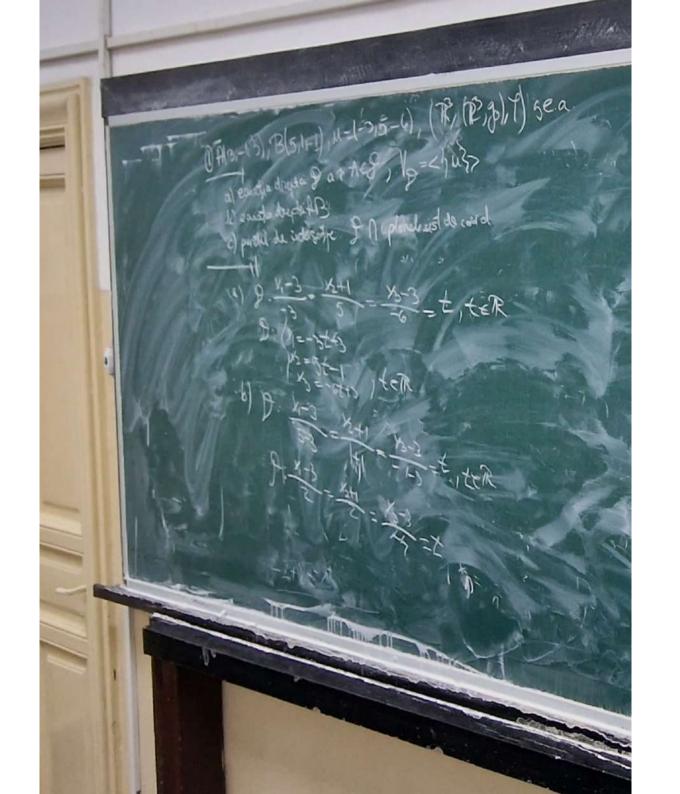
atju eudidian afin (E, (E, <-,>), 7) Sp. afn. + produs scalar distante, urghinei translatii) linii, Vane, Paralelism



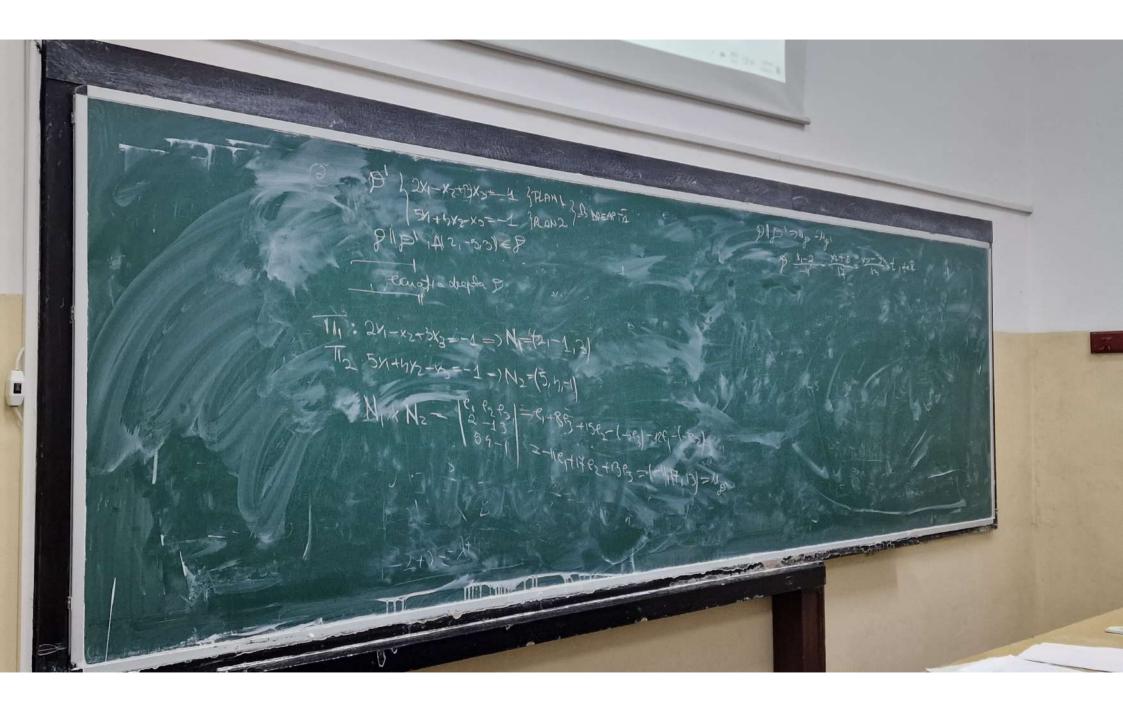
Porta lubiva a doua depte Ory (= ng C=2=) Di, Dz concurate (An Dz=4P) @rg (= ng (=1 -) \$1 - Dz Brac-2, rac=3=3 D1, D2 rocarbnary

Distanta dintre domi runote

MD 21 115211 d[R,P2]=||RP2||- |(PR2)PR27= | N12+12+1142



4 PROXIX =4 => DAOXXX = 17(0) h1-3) -x=0=>t=1=>/x=-h 以===>t===>|x1=====>ののxxz=-5元(====))
()





C2 -1-10 /01 $\Delta z = |-1-1| = 0-(-1) = 1 \pm 0 =)$ rg C = 2 | => D1/D2 hecoglanore. $\det C = |-1-1| 0 | -1-0=1 = > rg C=3$