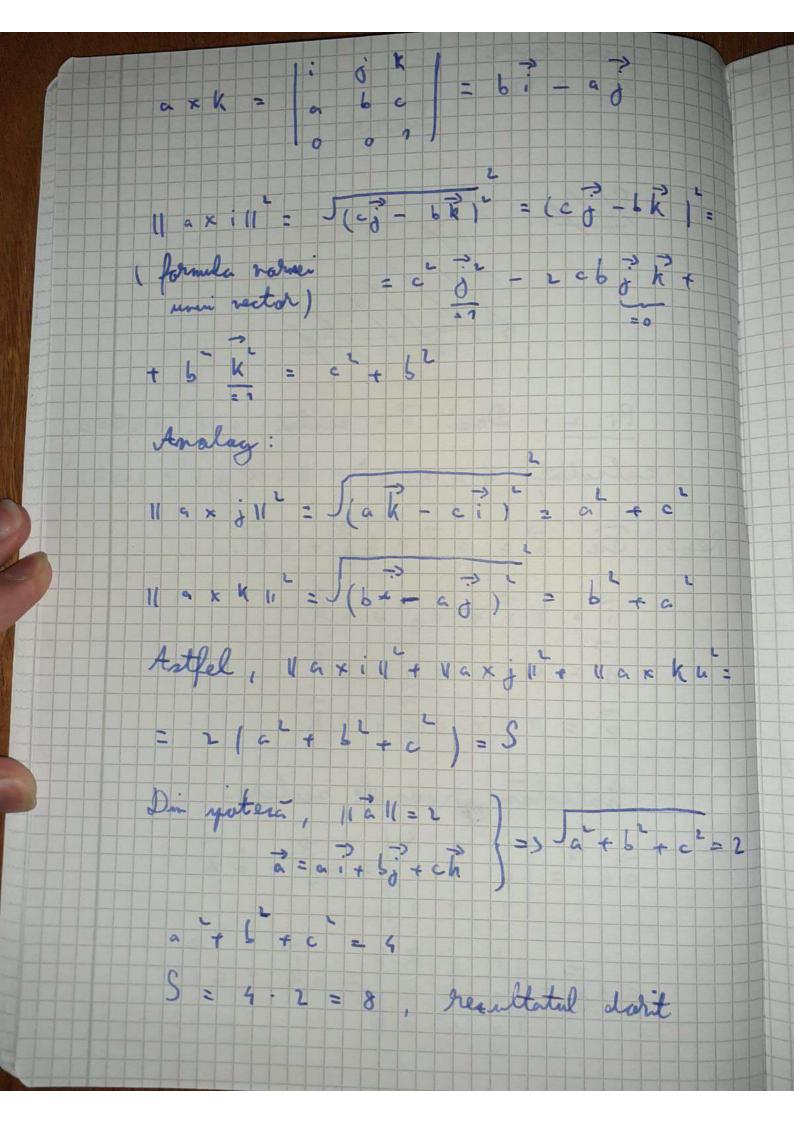
Eusiac Andrei 7-04-2021 Gr. 212 Lucrore 8/// Pr. 2: Daci à - rectol a.i. 11 a11=2, calculati 11 a x i 11 + 11 a x j 11 + 11 ax K 11 Ret: Fie a = a i + b j + ck, 1 = 1 1 + 0 0 + 0 k 3 = 0 i + 1 0 h K = O T O G + 1 K Calculan produsele scalche: -3 -3 | i o k | = -3 - 6 k a x 0 = | a b c | = a k - c i



Pr. 3: Dona ref. opuse ale uni jattest ABCO sunt A (1, -2), C (-5, 6) Det. relebalte dans virifori. Rez: 3 str- un pothet este pleit co dia-1) Le injunitation; A, C - rieferi opuse => AC - o diagonali Full => BD - a dour diagonali Fie O - migloud lin A C => O- migl. hu X<sub>0</sub> = -1 = -1 Yo = - - - - - - - - 2 -> 0 (-2,2) In acclasi ting, x = = -2 (\*) Yo = 78 + 70 = 2 2) Gust egale; AC = J(xc-xA) + (yc-YA) = BD (6+2) + (-5-1) = 64 + 36 = 160 => => AC = Jros = BD = 70

Deci, (70-78) + (x0-x3) = 100 (xx Die (\*), (\* \*) resulta sistemele: ( XB + XD = - 4 - > XD = - 4 - XD Y 8 + 70 = 4 (70-70) + (x0-x0) = 100 3) Gent reprendiculate; => mas . mab = -1 Ye- YA Yp- 76 = - 1 XC-XA XD-XB 70-78 6 1 => 70-75 = 3 (x0-x8) / 40-x8 (40-70) = = (x0-x0) Inlacund: ( - +1) (x0-x0) = 700 15 (x0-x0) = 100 => (x0-x8) = 64

(\*\* (x 6 x 8) (x 6 + x 8) = 83 x 0 = - 16 X0 = X3 - 287 is the min x 0 = >4 - xp x0 -26 = -4- x5 \* B = 76- 5 = x × 5 = 6 783-8 (-4-2×8)=64 tie - 4 - 2 × 0 = 8 ( penter - 4 - 2 x 0 = - 8 am alitine are leasi rolati pentra B si D, doch in inversate) - 2 × B = 7 L x 0 = - 5 = > x 0 = 2 Yo - Yo = = (2+1) = 6 40 = 6 + 70 = 4 - 70 => 27B = 1-6=-L 70=-7 Articl, oven B(-6,-1) Yo = 5 0 (2,5)

Pr.1: Se cono. prestele A (1,1,1) B(7,3,4), C(3,3,2). MeBC, AA-2 a. ?. AM - lissectable ist. a (x A) in tringhind ASC. Rezi Se consider atuta tearem hisectodes, a seminar): AC+BB AC+ AB AB= V(2-1)+ (3-7)+ (5-7) = 536+4+3= + AC = J(3-1) + (3-1) + (2-7) 2 14 + 4 + 7 = 3 AC = (2,2,2) (AD = (6,2,3)

