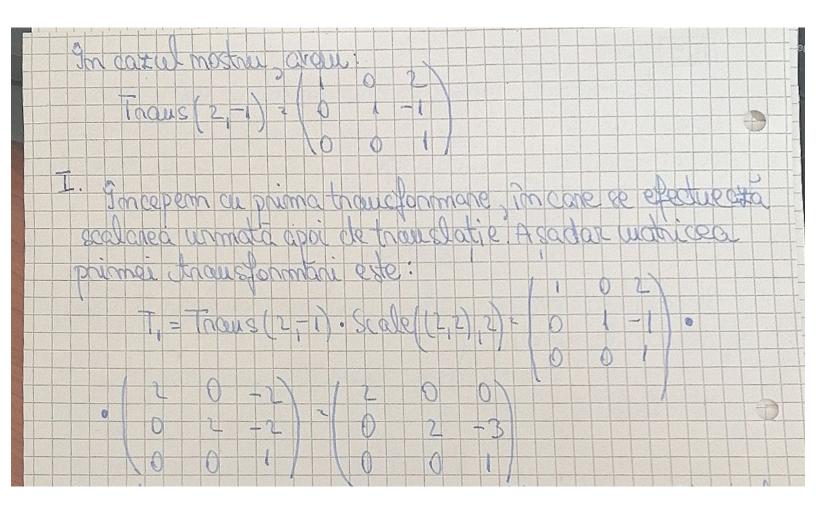
111.5 Determinate imagined tourshould ABC Prints scalare uniforma de lactor de stala a relatir la punctul Q(22) unmità de o translatio de vector V(2-1). Aplicati avai traissonivante un ondine universa Solutie: Se colculeaxa matricea scabini uniforme de factar de scaba s relativ la punetal 1: EXPLICIT (1-5)9 Introviona in casul mostru, avell: Matricea translative de vector V(2-1) este: unde Ky ci 11/ coordouchele



A doug transformance este abbrimuta on a executioned translatiei unmaté apri de scalare. Asadan matrices colei de a transformani este: (= Scope ((22)2) - Trous (271) = Judgined trium hubbu este data de: XB XA MB 40 40 AB! At. 0 0 2XC+2 LAB + XB 290-4 2/18-9 db. LXA+1 LXg+2 LXg+2 XA' XB' 4 35 Jr. um XA = 2XA+2 | | A = 2 | A - 4 2 - 2 A(III 13(4,1) C(2/3) xc = 2xc +2, 1 = 21/c - 4 = 2 2) A' (2XA+2, 1/4-4), B'(2XB+2, 1/15-4) Si C'(2X+2, 1/4-4) coordanctele imajimu stisc A'(1-2), B'(10,-2) & C'(6,2)

Considerate A(XA, YA), B(XB, YB) & C(XC, YC) Coordonates e cone compuse state respective A(XX, 112), B(B) CI C'K' y') condonatele punet elon core compenince : sp sto sto interingent sourcesunt XX X13' XC KIB XC KB XC / XA 2XX 2X3 2 ABIL AB 40 27/4-3 27/6-3 27/6-LXX 2XB 2XC 24-3 242-3 24-3 eum XA = 21XA22 1A 221A-32-A-(1,1 XB 2 2 X B 8 4 B 2 2 4 B - 3 = -1 C(2,3)= DA (2XA, 24A-3), B (2XB 24B-3) St C (2XC, 24-3) condonatele punctelor imagini SAISC 2) A(2,-1), 3(8,-1) si C(4,3)