Aoname sagame & young 3

Begence 6 anamerareexyss
residence. Trascince na anscence.

1. Danor gla beamopa & mpéxice

hor proempanembe: (10, 10, 10) a

(0,0,-10)

1) Hargume us cympy

(10+0,10+0,10-10) = (10,10,0)

2. Poremy aprenure Mexaneymer preparant ?

T. K. Zul ocet to m y ne struge y safegor grajan maems at, mo y kanegor och on payment, mo hexane als bjænnede paemonomenne tipenus.

4.1 hyer zapana mockoch A. x + B. y + C. 2 + D=0 Hammure ypalmenne mockette, noipernemon pannoi re nospenses reply narano peopleman. Hopmannin berrap wexogues mockocou n = (A, B, C). Themen From beurop 6 pareerte nopmande no seksopa ucuonos mockocru 3amorbaen ypabaence mockoen, Moxogenzer zery vorky M(X1, Y1, Z1) u unewyet noprantent beerop n = (A, B, C): A (x-x1)+B(y-y1)+C(2-21)=0 hogerabular M(0,0,0) A(x-0)+B(y-0)+C Ax + By + Cz = 0 - nenonce ypabuenne mockecon neepanens now garnor u nperoquenser repe

4.2 hyomb zagana mockocis A, X + B, y + C, & + D, = 0 a ngremas $\frac{x-x_1}{x_2-x_1} = \frac{y-y_1}{y_2-y_1} = \frac{z-z_1}{z_2-z_1}$ Lax ynar njunagululum npuna mockocole une mes Fipenail nouvagnement nuckoese, je gle morku noukageement proit misekocri; 2) uneet c misekocorro eguy osuyo тогку и параменька какой-шбо nperior, parnouvement na trais mockoesy (A, X, + B, y, + C, 2, + D, =0) 2A1X2+B142+C122+D1=0 A1 (x1-x2)+B1 (y-y2)+C1(21-22)20 Jenus ypabnemie), no npenae npunes

2. Dokomercie, mo upu apmoranemente meopajobanne coxpanieras pacemas me nevery morkance. Muneirace njeospajo bance X = a11 X + a124 + a13 y = a21x + a22y + a23 el ules es agmoronous comes, econe an + a 21 = 1 a12 + a22 = 1 ay a12 + a21 a22 =0 Kan enegarque: A = a1 a2 = a4 a2 - a12 a2 +0 Typens vorke M1 (x1, 41) u M2 (x2, 42) посредством ортогомомомо преобра-4 N2 (X2, J2) And gokajar encerta
reconogumo bonecomo, no ginno empejkob M1M2 u N1N2 cobnagaios. N/N2/2 = (X2-X1) + (Ja-y1) = = (a11 · X2 + 912 42 + 913 - 911 ×1 - 912 41 - 913) + + (a21 x2 + a22 y2 + a23 - a21 x1 - a22 y1 - a23) =

 $\begin{array}{lll}
+ & (a_{11}(x_2 - x_1) + a_{12}(y_2 - y_1))^2 + \\
+ & (a_{21}(x_2 - x_1) + a_{22}(y_2 - y_1))^2 & = \\
= & (a_{11}^2 + a_{21}^2)(x_2 - x_1)^2 + (a_{12}^2 + a_{22})^2 \\
\cdot & (y_2 - y_1)^2 + 2(a_{11}a_{12} + a_{21}a_{22})(x_2 - x_1)^2 \\
\cdot & (y_2 - y_1)^2 + (x_2 - x_1)^2 + (y_2 - y_1)^2 & = |M_1 M_2|^2 \\
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\cdot & (y_2 - y_1)^2 +$