Purospurrerpia 1

Ta y Tuxula ontila strai

Marisons Trapoixus

Geo20391122

10= Ctúnno

[Arunon I]

P,=(2,3,5) P2C-7,4,2), P3C0,-2,7), P4(3,1,-1)

A) Ano ordows

 $\frac{1}{2} = \sqrt{(-1-2)^2 + (4-3)^2 + 2-5}^2 = \sqrt{9+1+9} = \sqrt{19} \approx 4.36$   $\frac{1}{3} = \sqrt{(0-2)^2 + (-2-3)^2 + (7-5)^2} = \sqrt{4+25+9} = \sqrt{33} \approx 5.79$   $\frac{1}{4} = \sqrt{(3-2)^2 + (1-3)^2 + (-1-5)^2} = \sqrt{1+9+3} = \sqrt{4} \approx 6.90$   $\frac{1}{4} = \sqrt{(3-2)^2 + (1-3)^2 + (-1-5)^2} = \sqrt{1+3} = \sqrt{1+2} = \sqrt{1$ 

B) Aniorarn and to ontilli usurpo ( co,00)

 $d_{1} = \sqrt{2^{2}+3^{2}+5^{2}} = \sqrt{4+9+25} = \sqrt{38} \quad \text{26.16}$   $d_{2} = \sqrt{(-1)^{2}+4^{2}+3^{2}} = \sqrt{1+16+4} - \sqrt{21} \approx 4.56$   $d_{3} = \sqrt{0^{2}+(-2)^{2}+7^{2}} - \sqrt{0+4+49} = \sqrt{0.53} \approx 7.28$   $d_{4} = \sqrt{3^{2}+12+(-1)^{2}} = \sqrt{9+1+1} = \sqrt{11} \approx 3.32$ 

[ ) Roles is The onthing one Entraso you F=1

 $P_1' = \left(\frac{2}{5}, \frac{3}{5}\right) = (0, 0, 6)$   $P_2 = \left(\frac{-1}{2}, \frac{4}{5}\right) = (0, 0, 6)$ 

 $\beta_{3} = (\frac{0}{7}, \frac{2}{7}) = (0, -0.29)$   $\beta_{4} = (\frac{3}{-1}, \frac{1}{-1}) = (-3, -1)$ 

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Λροζολίζ
Mag P'Cux, uv, uz), ónus kto
λρυ Θέτουτε α=-1
1. Tu P, =(2,3,5) (xourc P/E-2,-3,-5)
2. Tu P2(-1,4,2) Cxoxc P2(1,-4,-2)
13. ru 13(0,-2,7) (xo-tc 13(0,2,-7)
9, Fia P4(3,1,-1) Exort P4(-3,-1,1)
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and to continue viertes (0,0,0) has to appellic on tio, has constitued
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