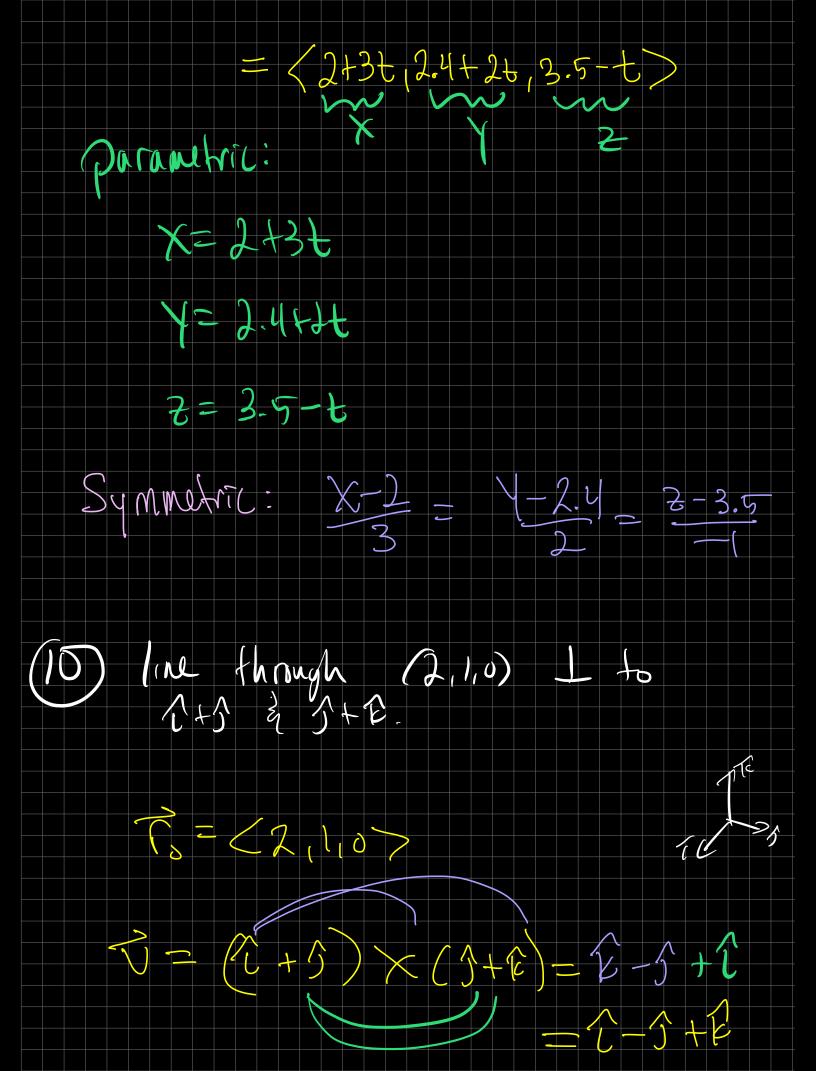
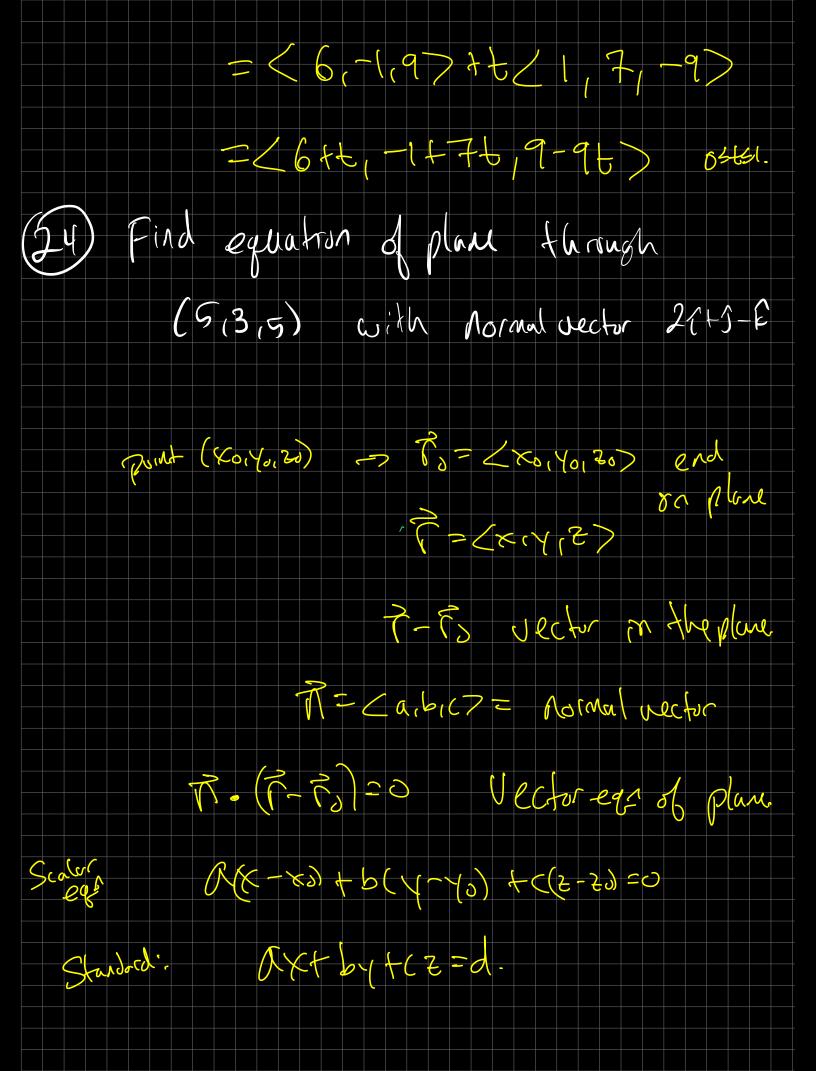
Vector equation of line 7(t) = 13 + tV direction Initial position Lind vector à parametric equations of line through (2,2.4,3.5) and parallel to 31+29-E To=<2,2,4,3,5) V= <3,2,-1> T(t)= 22, 2.4, 3.5>++ <3,2,-17



((t) = (2, 1, 0) + t < 1, -(1, 1)= 21+6, (-6, 6) Q: if t is restricted what happens?

a < t < b -> segment. (6,6,7), (7,60) 17 find vector equation of line Segment connecting these points. 70-26,-1,9> (= 27, 6,0) 7 (t)= 13+ t(7,-13) 04te ニ(コーチ)らナチジ



Point: (5/3,5) romal vector 21+5-E $\alpha = 2$ b = 1 c = -12(x-5) f((y-3)+(-1)(2-5)=0 Standard Form-27+4-2=8 (31) (0,1,1) Pind plane containing then points. 7x7=(1,1,1) Q=1 Dlune: 1(x-0) +1(1-1) + 1(5-1)=0 X+1-1+5-1=0 X + y + 2 =].

plan passes I hough ratersection of (u)Y+22=3 X-2=(· In restigate interactors . In pornal vector. Cabic> - (1,1-2) = D 2= t e R ~(t)= < 1+も、3-2+、tつ only need I pr. (1,3,0) NX

need our vector: Carbic7. 21,1-27=0 a+6-2c=0 need more info!! Try man later Create Discussion board 50 Bright space 12-6 Sketch a graph.

