

Lucas Teo	
CMJC 4778 HM I	
Find equation of plane: P = (-1,2,2), P = (0,1,3), P = (-1,2)	
Let Z=0,	
3x+1y=4-0 1x+1y=+2=-2-1= 19= 1 +91	, programme and the second
Let 11 = P3 = P3 (4) = 4)	
Jub (3) into (1),	
3(-1-y)+2y=4 > 1 x=+1+7 = 1 x = n	
-3 - 3y + 2y = 4	
-y=7 8 8 - 0	
$y=-7 \qquad P_1(6,7,0) \text{ is a point}$	
In both planes.	
0= (Line=of: intersection): [- 0,1>= (4-(5,1)). A	
(x, yg ZD = = (6, +7, 07 + t <-9, 11, 47	
(x,y,z)=(6-9t,-7+11t,4t)	
Delication of plane: I = 2 = 0.	100
3) Find distance between po=(1,4,14), 3x+4y+52-4=0?	10
Find the line = 520ty + texton.  Sx + 4 + 42 = 0=0  72, 4, 6> = 0	14
$V = P_1 P_2 = P_0 - P_1 = \langle 1, 3, 147 \rangle$	<u> </u>
$d =  \frac{1}{2}  \cos \theta$ $f = \frac{1}{2} - \cot \theta$	
n=(3) 147 n=(2,1,-1) Q10)   n     =	
ÎÑI	
=12.51 = 16 1 A 2 1 = 17.51=	
(ñ) ××× E	
= 3+12+14(6)	
J9+16+25 (6+38-2K-2K-36+3) 21+11+PZ	
= 17 J2 H	
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