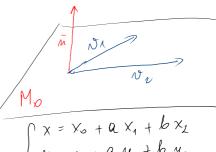


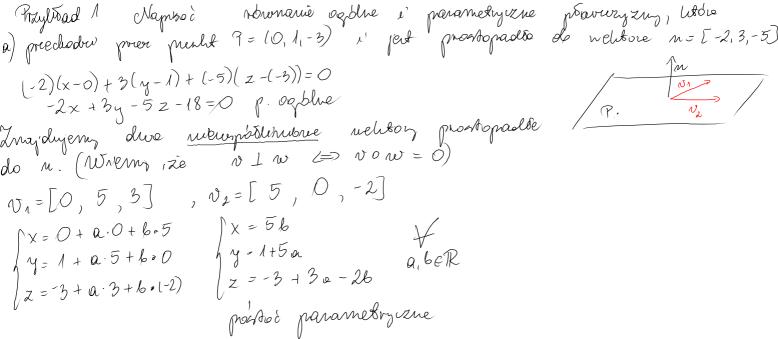
$$A(x-x_0)+b(y-y_0)+C(z-z_0)=0$$
  
 $Ax+by+Cz-Axo-Byo-Cz_0=0$ 

 $\frac{x}{a} + \frac{y}{b} + \frac{z}{c} = 1$ 



$$\begin{cases}
x = x_0 + a x_1 + b x_2 \\
y = y_0 + a y_1 + b y_2 \\
Z = Z_0 + a Z_1 + b Z_2
\end{cases}$$
parametry vane

$$\bar{M} = V_4 \times V_2$$



$$\begin{array}{l} P_{1} = [-2, -1, 0] \\ P_{2} = [-2, -1, 0] \\ P_{3} = [-2, -1, 0] \\ P_{4} = 1 + a(-1) + b = 5 \\ P_{5} = [-2, -1, 0] \\ P_{7} = 1 + a = 0 + b = 6 \\ P_{7} = 1 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 + a = 0 +$$

punlsy  $P_1 = (1_1 1_1 1), P_2 = (-1_1 0_1 1), P_3 = (5_1 6_1 7)$ 

$$6, 12, -67 = (-6)[1, -2, 1]$$
  
 $(-1) + 12(y-1) + (-6)(z-1) = 0 / (-6)$ 

b) precluseber pour

$$(-6)(x-1)+12(y-1)+(-6)(z-1)=0$$
 /: (-6)  
 $(x-1)+12(y-1)+(-6)(z-1)=0$  /: (-6)  
 $(x-2)+z=0$  p. ooplue

d) precludor proc punt 
$$P = (-1,4,1)$$
 i' jet romologo do nelitoron  $N_1 = [-1,3,0]$   $N_2 = [-3,1,-5]$ 
 $\begin{cases}
x = -1 + a \cdot (-1) + b \cdot 3 & \text{if } \\
y = y + a \cdot 3 + b \cdot 1 & \text{albell} \\
z = 1 + a \cdot 0 + b \cdot (-5) & \text{p. paramelyule}
\end{cases}$ 
 $M = N_1 \times N_2 = [-15, -5, -10]$ 
 $\begin{cases}
-15(x - (-1)) + (-5)(y - 4) + (-10)(z - 1) = 0 \\
3x + y + 2z - 3 = 0
\end{cases}$ 

priechodox prer punt P = (-1, 4, 1) i jest rémonslegée de ordonnement x - y + 6z - 12 = 0plaverycer  $\bar{n} = [1, -1, 6]$  $\Lambda(x-(-1))+(-1)(y-4)+6(z-1)=0$  $x - y + 62 - 1 = p \cdot opblie$  $v_1 \perp n$ ,  $v_2 \perp n$  i  $v_1, v_2$  rubruppbblitubre N2=[0,6,1] N=[1,1,0] 1 x = -1 + a · 1 + 6.0 hy= 4+a.1+6.6 a, b ER 12=1+a·0+b·1 p. parametry ozne

