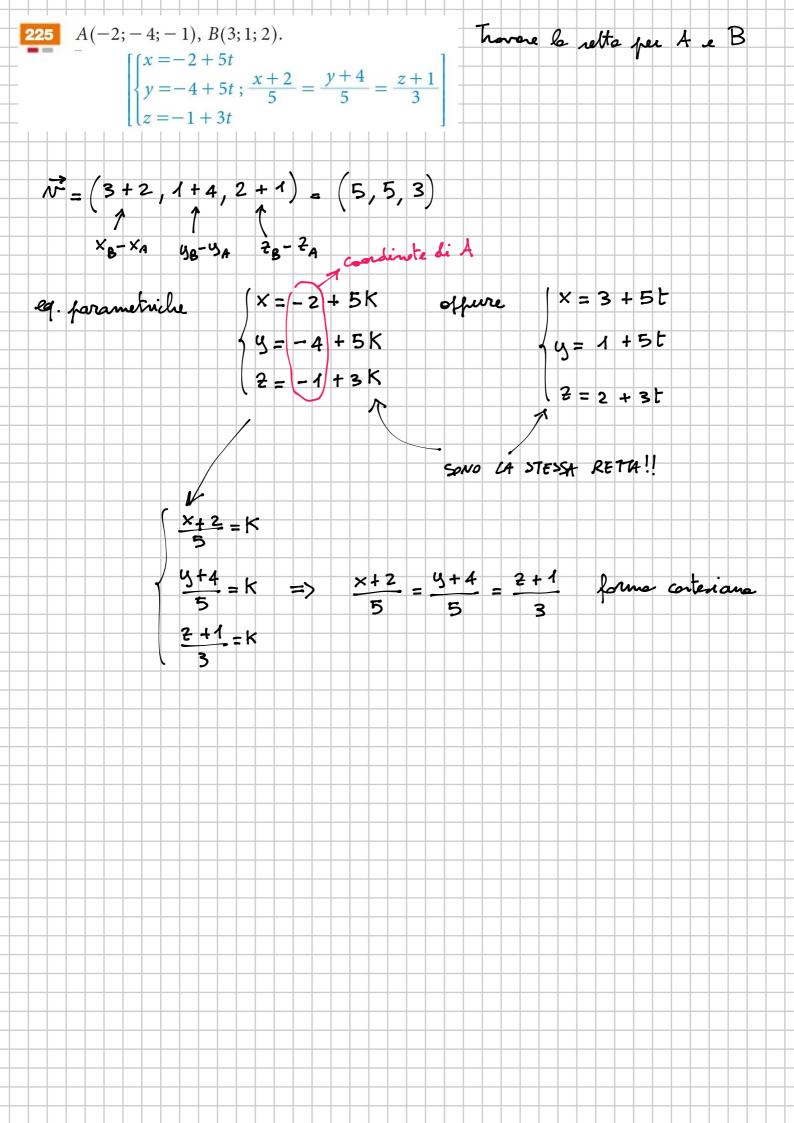
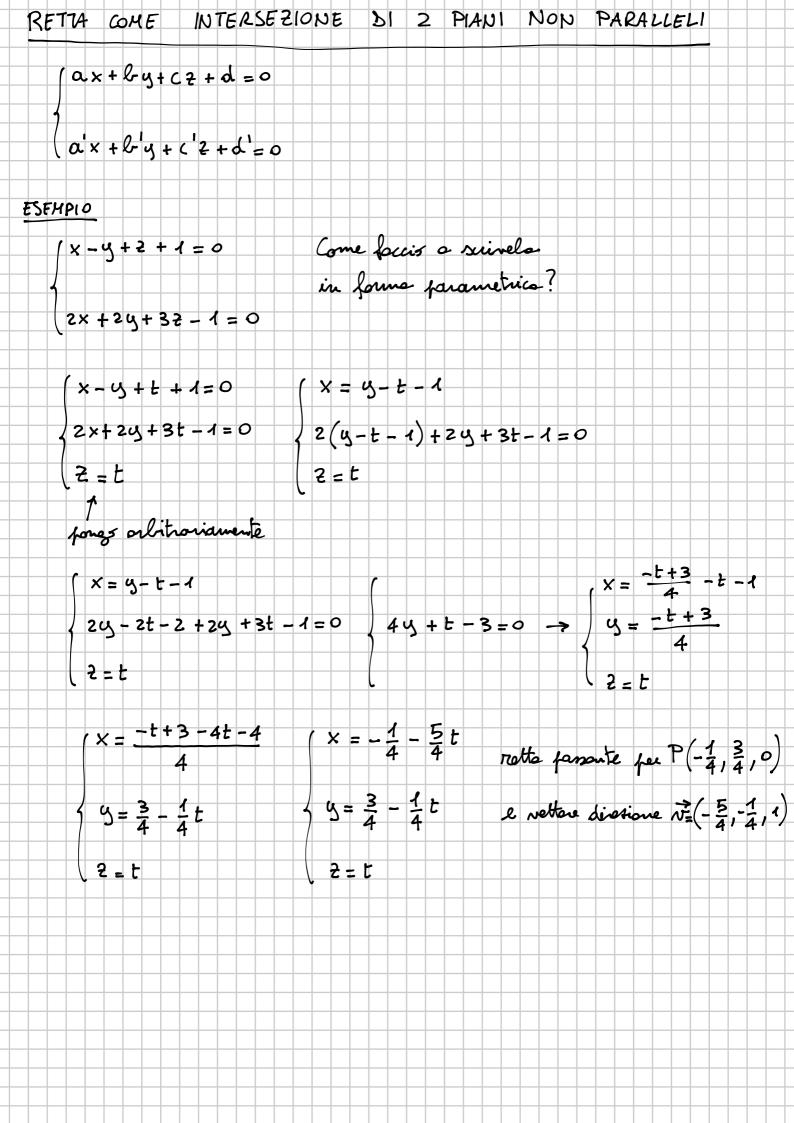
EQUAZIONI PARAMETRICHE NI UNA RETTA

$$N^2 = (l, m, m)$$
 $P_0 (x_0, y_0, z_0)$ 
 $(x = x_0 + Kl)$ 
 $y_0 = y_0 + Km$ 
 $y_1 = y_0 + Km$ 
 $y_2 = y_0 + Km$ 
 $y_3 = y_0 = K$ 
 $y_4 = y_0 + Km$ 
 $y_4 = y$ 





(x = 1 - 3t)Se ho le rette e la roglis scivere come y=-2+5t intersesione di dere piani, \2 = -1 - 2 t le suine puine in foune contesiona x-1 = 5+2 = 2+1 -3 5 -2 e foi sepors le nonaglionse  $\int \frac{x-1}{-3} = \frac{y+2}{5}$  equosioni di 2 piani 3+2 = 2+1 K 5 -2 5x - 5 = -3y - 6 (5x + 3y + 1 = 0)( pions // one 2) 24+52+9=0 (pions 11 one x) -24 - 4 = 52 + 5

Individua i sistemi che determinano una retta e scrivi l'equazione della retta in forma parametrica.

$$\begin{cases} 3x - y - 4z - 1 = 0 \\ 6x - 2y - 8z = 0 \end{cases}$$

$$\begin{cases} 3x - 3y + z + 2 = 0 \\ x + 3y - 2z - 2 = 0 \end{cases}$$

$$\begin{cases} x = \frac{k}{4} \\ y = \frac{2}{3} + \frac{7}{12} k \\ z = k \end{cases}$$

$$3x - 42 - 1 = 0$$

$$6x - 24 - 82 = 0$$

$$\frac{3}{6} = \frac{-1}{-2} = \frac{-4}{-8} \implies PIANI PARAMELI$$

$$\frac{3}{1} \neq \frac{-3}{3}$$
 PIANI NON PARACLECI

(3(2-3y+2t)-3y+t+2=0

$$(3x - 3y + t + 2 = 0)$$

$$x = 2 - 3y + 2t$$

 $1 \times +3y - 2t - 2 = 0$ 

$$\begin{cases} -12y + 7t + 8 = 0 & y = \frac{7t + 8}{12} \\ \times = 2 - \frac{3}{2} \cdot \frac{7t + 8}{12} + 2t \end{cases}$$

$$y = \frac{2}{3} + \frac{7}{12}t$$

2 = t

$$x = \frac{8 - 7t}{4} + 8t = \frac{1}{4}t$$

$$y = \frac{2}{3} + \frac{7}{12}t$$

 $(x = \frac{1}{4}t$