Résoudre

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

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

(3)
$$x+y+z=0$$

 $2x+3y+3z=0$
 $3x+3y+3z=0$

(4)
$$x+y+z=1$$

 $x-y+2z=2$
 $2x+3z=4$

(5)
$$2x-y = 1$$

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

6
$$x+y+z=1$$

 $5x-2y+2z=3$
 $12x-y+3z=4$

$$(7)$$
 $x+y-z=2$

Solchens

6
$$S = \left(\frac{5}{3}, \frac{2}{3}, 0\right) + Vect(-\frac{4}{3}, \frac{1}{3}, 1)$$