

XIV

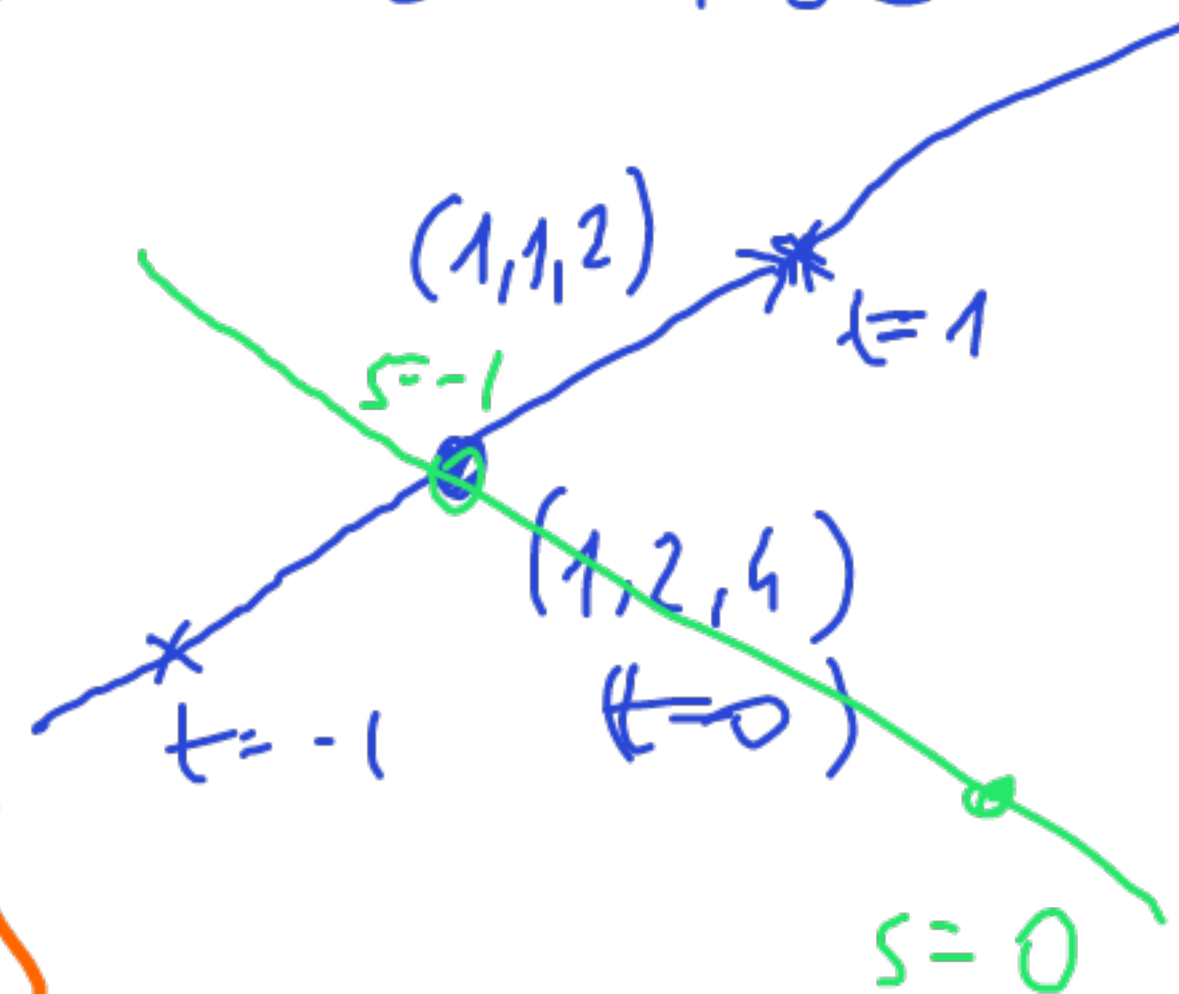
$$l_1: \begin{cases} x = 1+t \\ y = 2+t \\ z = 4+2t \end{cases}$$

$$l_2: \begin{cases} x = -1-2s \\ y = 3+s \\ z = -4-8s \end{cases}$$

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$$\begin{cases} 1+t = -1-2s \\ 2+t = 3+s \\ 4+2t = -4-8s \end{cases}$$

$$\begin{cases} t + 2s = -2 \\ t + s = 1 \\ 2t + 8s = -8 \end{cases}$$



$$\begin{cases} t + 2s = -2 \\ -t + s = -1 \end{cases}$$


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$$3s = -3 \quad s = -1$$

$$t = -2 - 2 \cdot (-1) = -2 + 2 = 0$$

$$\begin{cases} t = 0 \\ s = -1 \end{cases} \quad \left| \quad \begin{array}{l} x = 1 \\ y = 2 \\ z = 4 \end{array} \right. \quad \text{odp.} \quad (1, 2, 4)$$