

$$x = -1 + t$$

$$y = 1 - 2t$$

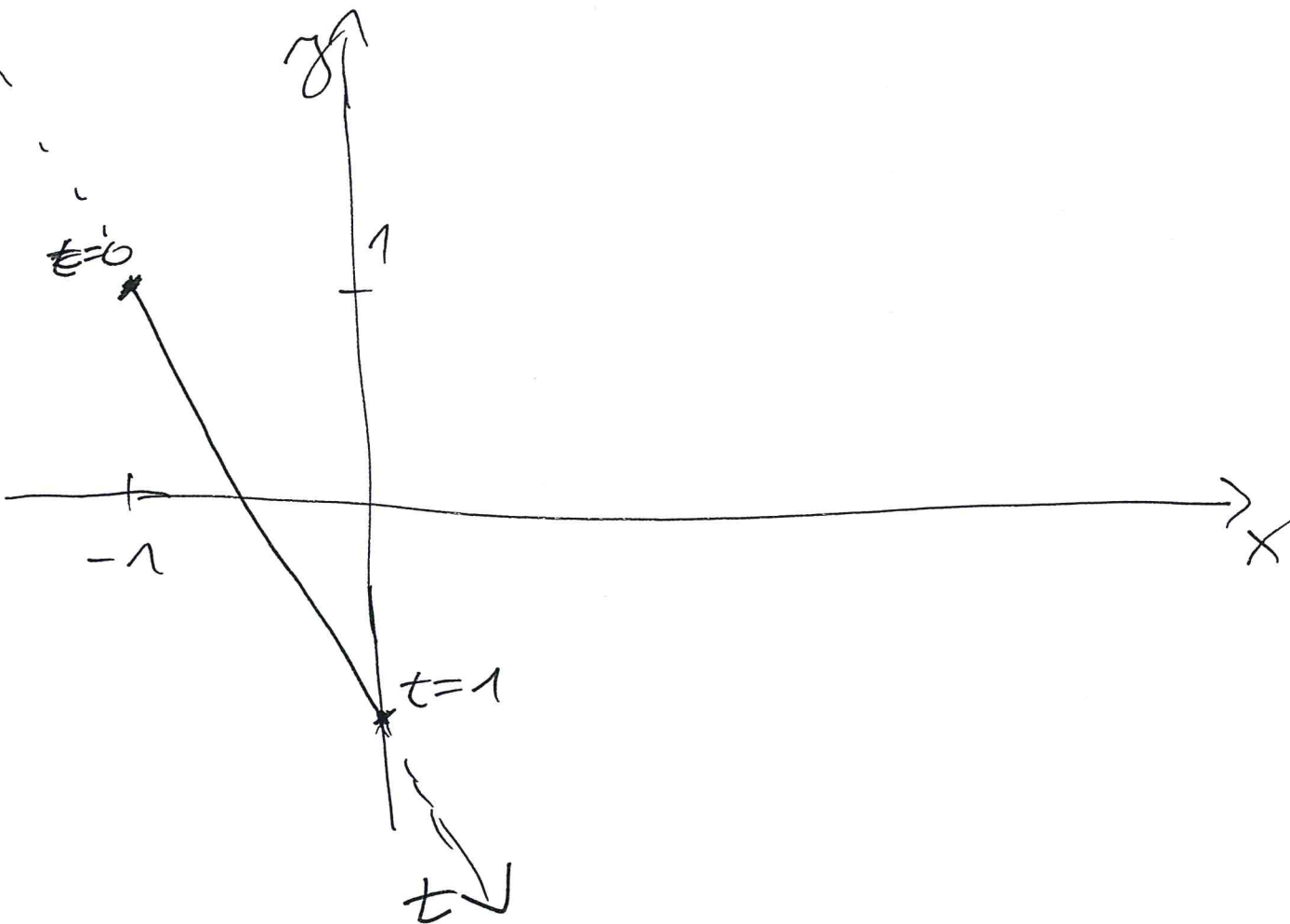
$$2x + y = -1$$

$$y = -1 - 2x$$

(:2) +

$$f(x, y) = x^2 + 3xy + 2y^2$$

$$g(t) = f(-1+t, 1-2t)$$



$$x = -1 + t$$

$$y = 1 - 2t$$

$$x = -1 + 2\Delta$$

$$y = 1 - 4\Delta$$

$$\begin{pmatrix} x \\ y \end{pmatrix} = \begin{pmatrix} -1 + t \\ 1 - 2t \end{pmatrix} =$$

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

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

