

LÖSUNG ZU 264:

a)

$$y'(t) = -2 \quad y(-2) = 3$$

$$y(t) = \int y'(t) dt = \int -2 dt = -2t + C$$

$$y(-2) = -2 \cdot (-2) + C = 3 \quad \rightarrow \quad C = -1$$

$$y(t) = -2t - 1$$

