

Gleichungssysteme

Kapitel 11, Aufgabe 198 c)

$$\begin{cases} -2x - 8y - 9z = 6 & (G_1) \\ -3y + 9z = 54 & (G_2) \\ 7x + 7y = -21 & (G_3) \end{cases}$$

$$(G_1) + (G_2) : \quad \begin{array}{l} -2x - 11y = 60 \quad (G_4) \\ 7x + 7y = -21 \quad (G_3) \end{array}$$

$$7(G_4) + 2(G_3) : \quad \begin{array}{l} -63y = 378 \quad (: -63) \\ \underline{\underline{y = -6}} \end{array}$$