

ÚLOHY NA CVIČENÍ 8

1.
$$\begin{aligned}x' &= 5x + y - z \\y' &= x + 3y + z \\z' &= 7x + 3y + z\end{aligned}$$

2.
$$\begin{aligned}x' &= 2x + y + e^{2t} \\y' &= 2y + 4z - 4e^{-t} \\z' &= x - z\end{aligned}$$

3.
$$\begin{aligned}x' &= 2x - 3y + t \\y' &= x - 2z - 3t^2 \\z' &= -y + 2z + 3t - 2\end{aligned}$$