

7. Sústavy lineárnych rovníc s parametrom

1. Riešte nad \mathbb{R} :

$$\left(\begin{array}{cc|c} 2 & c-4 & 4 \\ c+1 & -2 & c+5 \end{array} \right)$$

$$\left(\begin{array}{cc|c} c & c+1 & 4 \\ c+2 & c+3 & 5 \end{array} \right)$$

$$\left(\begin{array}{ccc|c} 1 & 2 & c+1 & -1 \\ c & 4 & 6 & 0 \end{array} \right)$$

$$\left(\begin{array}{ccc|c} c & -1 & 1 & 0 \\ 0 & 1 & 3 & 2 \\ 4 & -1 & 5 & c+1 \end{array} \right)$$

$$\left(\begin{array}{ccc|c} 3 & 0 & 2 & 1 \\ c & 1 & 1 & 3 \\ 1 & 1-c & 4 & 7 \end{array} \right)$$

$$\left(\begin{array}{ccc|c} 0 & c & 1 & 3 \\ 1 & 2 & 5 & c-2 \\ -2 & -4 & -3c & 1 \end{array} \right)$$

$$\left(\begin{array}{ccc|c} c & 1 & 1 & 1 \\ 1 & c & 1 & c \\ 1 & 1 & c & c^2 \end{array} \right)$$

$$\left(\begin{array}{ccc|c} c & c+3 & c+6 & 1 \\ c+1 & c+4 & c+7 & 2 \\ c+2 & c+5 & c+8 & 3 \end{array} \right)$$

$$\left(\begin{array}{cccc|c} c & 1 & 1 & 1 & 1 \\ 1 & c & 1 & 1 & c \\ 1 & 1 & c & 1 & c^2 \\ 1 & 1 & 1 & c & c^3 \end{array} \right)$$