Example 1
$$(y, x) = y_2(x) + x$$
 $(y, x) = y_2(x) - x$

Matrix for:

 $R(x) = \begin{bmatrix} x \\ -1 \end{bmatrix} = \begin{bmatrix} x \\ -1 \end{bmatrix}$

Characteristic ep: $\begin{bmatrix} -1 \\ -1 \end{bmatrix} = \begin{bmatrix} x \\ -1 \end{bmatrix}$