$i=1$

$i=2$

$$y_1 \begin{pmatrix} x_1 \\ x_2 \end{pmatrix} = y_1 \begin{pmatrix} x_1 \\ x_2 \end{pmatrix} = \xi_{11} \begin{pmatrix} x_1 y_1 \\ x_2 y_2 \end{pmatrix} + \xi_{12} \begin{pmatrix} x_1 y_2 \\ y_2 y_2 \end{pmatrix}$$

$$\Sigma = \begin{pmatrix} \xi_{11} & \xi_{12} \\ \xi_{21} & \xi_{22} \end{pmatrix} \qquad \xi_{11} = \begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$$

$$\xi_{12} = \begin{pmatrix} 1 & 0 \\ f & 1 \end{pmatrix}$$

$$y_1 \begin{pmatrix} x_1 \\ x_2 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix} + \begin{pmatrix} x_1 y_2 \\ f x_1 y_2 + x_2 y_2 \end{pmatrix} \quad | \cdot |$$

$$y_1 x_1 = x_1 y_2 \mid y_1 x_2 = f x_1 y_2 + x_2 y_2$$