$$\begin{split} & \text{Product xtern} \quad \text{Signal} \\ & \text{Productions } \sum_{i=1}^{n} (1, i, k, k, n) (k, i, k), (k, i$$

$$\begin{array}{l} \begin{array}{l} \begin{array}{l} y_{1} \ u_{2} \ u_{2} \ f_{1} \ f_{2} \ f_{2}$$