$$F_{i}^{j+1} \begin{pmatrix} f_{1}^{*} : & x_{11}^{*} \to x_{21}^{*} \to \cdots \to x_{t1}^{*} \to \cdots \to x_{h_{i}^{j}1}^{*} \\ f_{2}^{*} : & x_{12}^{*} \to x_{22}^{*} \to \cdots \to x_{t2}^{*} \to \cdots \to x_{h_{i}^{j}2}^{*} \\ \vdots & \vdots & \vdots & \vdots & \vdots & \vdots \\ f_{l_{i}^{j}}^{*} : & x_{1l_{i}^{j}}^{*} \to x_{2l_{i}^{j}}^{*} \to \cdots \to x_{tl_{i}^{j}}^{*} \to \cdots \to x_{h_{i}^{j}l_{i}^{j}}^{*} \end{pmatrix} \eta_{i\Delta t}^{j}$$

$$\hat{x}^{i}(t_{1}) \hat{x}^{i}(t_{2}) \qquad \hat{x}^{i}(t) \qquad \hat{x}^{i}(h_{i}^{j})$$

$$\hat{x}^{i}(t_{1}) \hat{x}^{i}(t_{2}) \qquad \hat{x}^{i}(t_{1}) \qquad \hat{x}^{i}(h_{i}^{j}) \qquad \vdots$$

$$\hat{x}^{i}_{i}(t_{1}) \hat{x}^{i}(t_{2}) \qquad \hat{x}^{i}_{i}(t_{1}) \qquad \hat{x}^{i}_{i}(h_{i}^{j}) \qquad \vdots$$

$$\hat{x}^{i}_{i}(t_{1}) \hat{x}^{i}(t_{2}) \qquad \hat{x}^{i}_{i}(t_{1}) \qquad \hat{x}^{i}_{i}(h_{i}^{j}) \qquad \vdots$$

$$\hat{x}^{i}_{i}(t_{1}) \hat{x}^{i}(t_{2}) \qquad \hat{x}^{i}_{i}(t_{1}) \qquad \hat{x}^{i}(h_{i}^{j}) \qquad \vdots$$

$$\hat{x}^{i}(t_{1}) \hat{x}^{i}(t_{2}) \qquad \hat{x}^{i}(t_{1}) \qquad \hat{x}^{i}(t_{1}) \qquad \vdots$$

$$\hat{x}^{i}(t_{1}) \hat{x}^{i}(t_{1}) \qquad \hat{x}^{i}(t_{1}) \qquad \hat{x}^{i}(t_{1}) \qquad \hat{x}^{i}(t_{1}) \qquad \vdots$$

$$\hat{x}^{i}(t_{1}) \hat{x}^{i}(t_{1}) \qquad \hat{x}^{i}(t_{1}) \qquad \hat{x}^{i}(t_{1}) \qquad \hat{x}^{i}(t_{1}) \qquad \vdots$$

$$\hat{x}^{i}(t_{1}) \hat{x}^{i}(t_{1}) \qquad \hat{x}^{$$