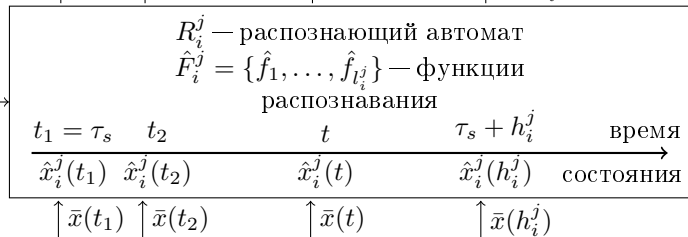


$$F_i^{*j} \left\{ \begin{array}{l} f_1^* : x_{11}^* \rightarrow x_{21}^* \rightarrow \dots \rightarrow x_{t1}^* \rightarrow \dots \rightarrow x_{h_i^j 1}^* \\ f_2^* : x_{12}^* \rightarrow x_{22}^* \rightarrow \dots \rightarrow x_{t2}^* \rightarrow \dots \rightarrow x_{h_i^j 2}^* \\ \dots \quad \dots \quad \dots \quad \dots \quad \dots \\ f_{l_i^j}^* : x_{1l_i^j}^* \rightarrow x_{2l_i^j}^* \rightarrow \dots \rightarrow x_{tl_i^j}^* \rightarrow \dots \rightarrow x_{h_i^j l_i^j}^* \end{array} \right\} \eta_{i\Delta t}^j$$

$$\begin{array}{cccc} \uparrow \bar{x}^*(t_1) & \uparrow \bar{x}^*(t_2) & \uparrow \bar{x}^*(t) & \uparrow \bar{x}^*(h_i^j) \end{array}$$

$$\hat{x}_i^{j+1}(\tau_s) = (\hat{x}_{i1}^{j+1}, \dots, \hat{x}_{il_i^j}^{j+1})$$



$$\hat{x}_i^j(t) = (\hat{x}_{i1}^j, \dots, \hat{x}_{iq_i^j}^j)$$

$$F_i^j \left\{ \begin{array}{l} f_1 : x_{11} \rightarrow x_{21} \rightarrow \dots \rightarrow x_{t1} \rightarrow \dots \rightarrow x_{h_i^j 1} \\ f_2 : x_{12} \rightarrow x_{22} \rightarrow \dots \rightarrow x_{t2} \rightarrow \dots \rightarrow x_{h_i^j 2} \\ \dots \quad \dots \quad \dots \quad \dots \quad \dots \\ f_{q_i^j} : x_{1q_i^j} \rightarrow x_{2q_i^j} \rightarrow \dots \rightarrow x_{tq_i^j} \rightarrow \dots \rightarrow x_{h_i^j q_i^j} \end{array} \right\} \omega_{i\Delta t}^j$$