$$\hat{x}_{i}^{j+1}(\tau_{s}) \longrightarrow \begin{array}{c} \bar{\alpha} \\ \uparrow \\ R_{i}^{j} \\ \bar{x}_{i}^{j}(\tau_{s}) \end{array}$$

$$\hat{x}_{i}^{j+1}(\tau_{s}) \longrightarrow \begin{bmatrix} \bar{\alpha} \\ \uparrow \\ R_{i}^{j} \\ \uparrow \uparrow \uparrow \uparrow \uparrow \cdots \\ \omega_{i\Delta t}^{j} \end{bmatrix}$$

$$\hat{x}_{i}^{j+1}(\tau_{s}) \longrightarrow \begin{bmatrix} \bar{\alpha} \, \bar{\alpha} \, \dots \, \bar{\alpha} \\ \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \\ R_{i}^{j} \\ \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \\ \omega_{i\Delta t}^{j} \end{bmatrix}$$

