$$\begin{array}{c} x_{n-1} \times h & \frac{v_{1} + k_{1}}{2} \\ x_{1} = f(t_{n-1} \times h_{n}) \times \frac{1}{N_{n-1} + h_{1}} \frac{1}{N_{n-1} + h_{1}} \frac{1}{N_{n-1} + h_{2}} \frac{1}{N_{n-1} + h$$

$$\frac{k \cdot k_{1} + k_{2}}{2} = h \cdot f(k_{1}, x \mid k_{1}, \dots) + \frac{k^{2}}{2} \left[d_{k}(x) + d_{k}(x) \cdot f(x) \right] + O(h^{3})$$

$$x(k_{1}, \dots) + h \cdot \frac{k_{1} + k_{2}}{2} = x \mid k_{1}, \dots) + h \cdot x \mid k_{1}, \dots) + \frac{k^{2}}{2} \cdot x \mid k_{1}, \dots) + O(h^{3})$$

$$x(k_{1}, \dots) + h \cdot \frac{k_{1} + k_{2}}{2} = x \mid k_{1}, \dots) + O(h^{3})$$

$$x(k_{1}, \dots) + h \cdot \frac{k_{1} + k_{2}}{2} = x \mid k_{1}, \dots) + O(h^{3})$$

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$$x(k_{1}, \dots) + h \cdot \frac{k_{1} + k_{2}}{2}$$

A
$$\in \mathbb{R}^{2^{n}}$$
 $P_{\alpha} : \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & \alpha^{n_1} & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_1} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_1} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n_2} & \alpha^{n_2} & \alpha^{n_2} \\ 0 & \alpha^{n$