$$\begin{array}{c|c}
(\mathbf{x}_{0}, \mathbf{v}_{0}) & -T_{ij} & (\hat{\mathbf{x}}_{0}, \mathbf{v}_{0}) \\
\hat{\mathbf{x}}_{0} = \mathbf{x}_{0} - h\mathbf{v}_{0} \\
-Drift \\
\rightarrow \text{Kepler} \\
\hat{\mathbf{v}} = \dot{f}(\mathbf{x}_{0}, \mathbf{v}_{0})\mathbf{x}_{0} + \dot{g}(\mathbf{x}_{0}, \mathbf{v}_{0})\mathbf{v}_{0} \\
\hat{\mathbf{v}} = \dot{f}(\mathbf{x}_{0}, \mathbf{v}_{0})\mathbf{x}_{0} + \dot{g}(\mathbf{x}_{0}, \mathbf{v}_{0})\mathbf{v}_{0}
\end{array}$$

$$\begin{array}{c}
\hat{\mathbf{x}}_{0} = \mathbf{x}_{0} - h\mathbf{v}_{0} \\
\rightarrow \text{Kepler} \\
\rightarrow \text{Curift} \\
\mathbf{x} = \dot{f}(\hat{\mathbf{x}}_{0}, \mathbf{v}_{0})\hat{\mathbf{x}}_{0} + g(\hat{\mathbf{x}}_{0}, \mathbf{v}_{0})\mathbf{v}_{0} \\
\hat{\mathbf{v}} = \dot{f}(\hat{\mathbf{x}}_{0}, \mathbf{v}_{0})\hat{\mathbf{x}}_{0} + \dot{g}(\hat{\mathbf{x}}_{0}, \mathbf{v}_{0})\mathbf{v}_{0}
\end{array}$$

$$\begin{array}{c}
\hat{\mathbf{x}} = f(\hat{\mathbf{x}}_{0}, \mathbf{v}_{0})\hat{\mathbf{x}}_{0} + g(\hat{\mathbf{x}}_{0}, \mathbf{v}_{0})\mathbf{v}_{0} \\
\hat{\mathbf{v}} = \dot{f}(\hat{\mathbf{x}}_{0}, \mathbf{v}_{0})\hat{\mathbf{x}}_{0} + \dot{g}(\hat{\mathbf{x}}_{0}, \mathbf{v}_{0})\mathbf{v}_{0}
\end{array}$$

$$\begin{array}{c}
\text{Kepler} \\
\rightarrow \text{-Drift} \\
\mathbf{x} = \dot{\mathbf{x}} - h\dot{\mathbf{v}}
\end{array}$$

$$\begin{array}{c}
\text{Result} : (\Delta\mathbf{x}_{DK}, \Delta\mathbf{v}_{DK}) = (\hat{\mathbf{x}}, \hat{\mathbf{v}}) - (\mathbf{x}_{0}, \mathbf{v}_{0}) \\
\text{or } (\Delta\mathbf{x}_{KD}, \Delta\mathbf{v}_{KD}) = (\dot{\mathbf{x}} - h\dot{\mathbf{v}}, \dot{\mathbf{v}}) - (\mathbf{x}_{0}, \mathbf{v}_{0})
\end{array}$$