

$$\begin{array}{l} \text{??}\\ m\mathbf{BEH}_{Ident}^m\mathbf{BEH}_{Obs}^m mkk\mathbf{BEH}_{Ident}^m\mathbf{BEH}_{Obs}^m\\ \text{???}I/OI/O\\ I/O\\ \mathbf{1:}\\ rs\\ I/O \end{array}$$

$$\begin{array}{l} \Sigma=(\gamma_1,...,\gamma_p)\\ (1) \gamma_i=\\ \left(u_i(1),u_i(2),...,u_i(|u_i|)\right)\\ u_i(j)\\ iI/Ouju=\\ (I_1,...,I_r,O_1,...,O_s)=\\ (IO_1,...IO_m)\\ m_+^r=\\ s^+\\ I/Outnequt+\\ \frac{1}{I/OI/O}\\ \mathbf{2:}\\ I/Oq \end{array}$$

$$L_{Obs}^q=\bigcup_{\gamma_i\in\Sigma}\Big(\bigcup_{t=1}^{|\gamma_i|-q+1}(u_i(t),u_i(t+1),...,u_i(t+q-1))\Big)$$

$$n$$

$$\begin{array}{l} \mathbf{BHE}_{Obs}^n=\bigcup_{i=1}^nL_{Obs}^i\\ (2) m\mathbf{BEH}_{Ident}^m m\\ \mathbf{BEH}_{Obs}^m m\\ \mathbf{3:}\\ ND\mathbf{AAO}=(X,\Omega,f_{nd},\lambda,x_0) \end{array}$$

$$\begin{array}{l} X=\\ x_0,...,x_{|x|-1}\\ \Omega=\\ \omega_1,...,\omega_{|\omega|}\\ f_{nd}:\\ X\overset{X}{\rightarrow} X\\ \frac{X}{2}\rightarrow\\ \lambda: X\rightarrow\\ \Omega\\ x_0\\ (V,E)\overset{G}{=}Gf_{nd} \end{array}$$

$$E(G)=\left\{ (x_i,x_j)\in X\times X: x_j\in f_{nd}(x_i)\right\}$$

$$\begin{array}{l} \text{??}\\ e\textit{sample.png}ND\mathbf{AAO}\\ x_in\mathbf{4:} \end{array}$$

$$(3) \begin{array}{l} W^n_{x_i}=\left\{w\in \Omega^n|w=\left(\lambda(x(1),..., \lambda(x(n))))\right): \left[\exists \left(x(1),...,x(n)\right): x(1)=x_i\in X, and\; 1\leq t\leq n-1, x(t+1)\in f_{nd}(x(t))\right]\right\}\\ n \end{array}$$

$$(4) \begin{array}{l} W^n(ND\mathbf{AAO})=\bigcup_{x_i\in X}W^n_{x_i}\\ n \end{array}$$

$$(5) \quad \mathbf{BEH}_{Ident}^n=\bigcup_{p=1}^nW^p(ND\mathbf{AAO})$$

$$\begin{array}{l} \mathbf{5:}\varepsilon(j)\omega(j)\\ \omega(j+\\ 1)\\ \varepsilon=\\ \omega(j+\\ 1)-\\ \omega(j)\\ I(\varepsilon(j))\\ I(j)\\ I(j+\\ 1)O(\varepsilon(j))\\ m \end{array}$$