

$$\begin{aligned} \mathcal{N} &= (\mathcal{V}, \mathcal{E}) \\ \mathcal{N}_{\mathcal{S}} &= (\mathcal{G}, \rho) \\ \psi_{uv}(\tau) \\ N \\ \boldsymbol{\rho}_{uv} &= \{\rho_{uv}(\tau)\}_{(u,v) \in \mathcal{G}} \\ \tau_{uv} \\ \Phi_{uv} \\ D &= \{\mathcal{D}^i\}_{i=1,2,\dots,M} \\ K_h(\tau) &= \frac{1}{\sqrt{2\pi h^2}} \exp(-\tau^2/2h^2) \\ \theta \end{aligned}$$