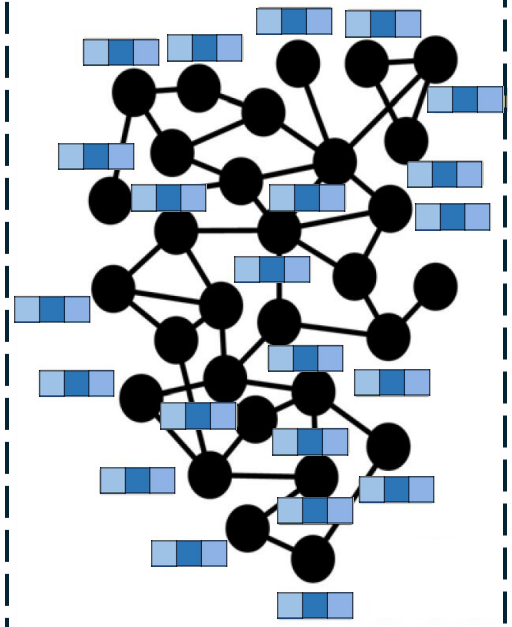
Attribute Network Data



Explainable Attribute Graph Clustering Based on Generalized Cluster Formational Game

(a) Multi-Objective Optimization Problem

$$\max_{c_k \in P} Q(k) = \left(SC_k, AC_k\right)$$

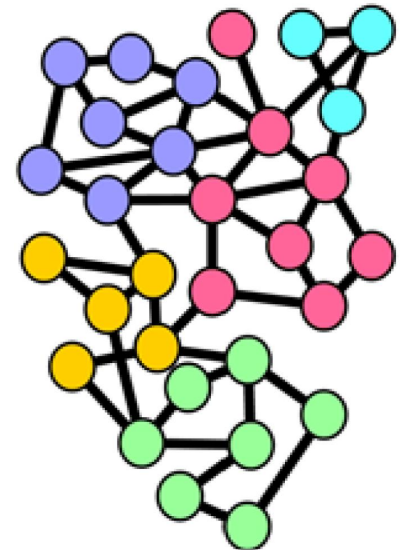
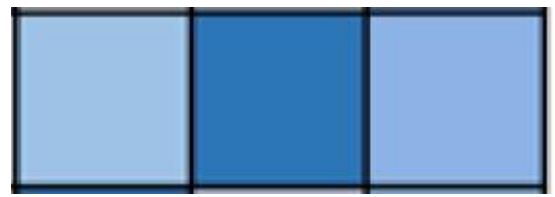
(b) Generalized Cluster Formation Game

$$\Xi = \left\{V, P, CA, t\right\}$$

(c) Renew the agent's strategies

$$\overline{\boldsymbol{u}}_i^{s_i}(t+1) = \alpha \boldsymbol{u}_i(s_i, s_{-i}(t),) + (1-\alpha)\overline{\boldsymbol{u}}_i^{s_i}(t+1)$$

(d) Update Cluster Membership

Update $\gamma_i(t)$ and $\Lambda_i(t)$

Attribute Graph Clusters