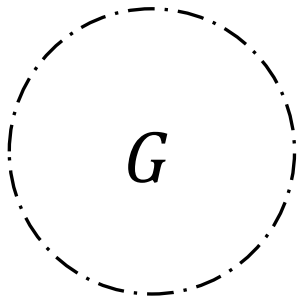




Clique graph

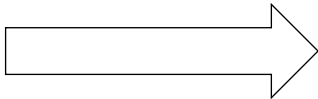


Self-removed Bipartite edges

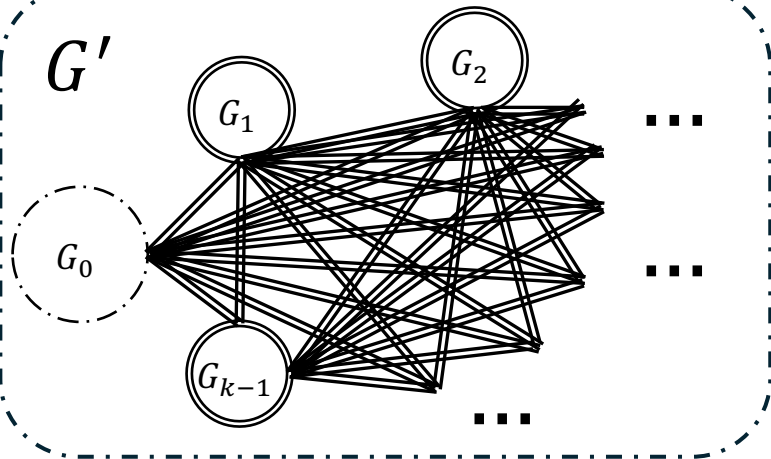


$$I_{kc} = (G, k)$$

$$G = G_0$$



G'



$$I_{fc} = (G', \tau = \frac{\log(|V_H| - k)}{\log(|V_H|)})$$