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propagation \\
                                                                                                                                        influence
                                               \mathop{\it fi-}\limits_{\bar{\cdot}}
                                               ciency
??
??
??
                                            \mathcal{C} 
                                                                                                                                                                                                                                                                                      GVE
HG???VZ
                                                                                                                                                                                                                                                                                             GH
G
                                               n

\begin{array}{c}
 m \\
 k \\
 p_{u,v} \\
 I(S)
\end{array}

                                                                                                                                                                                                                                                                                                   uv
                                                                                                                                                                                                                                                                                                   S
                                      \begin{array}{ll} I(S) & S \\ RR(v) & v?? \\ eff_{u,v} & uv?? \\ T(S) & S\mathcal{G}?? \\ T'(S) & S\mathcal{H}?? \\ \mathcal{G} = \\ (\mathcal{V}, \mathcal{E})\mathcal{V}\mathcal{E}e_{u,v} \in \\ \mathcal{E}p_{u,v}^{\mathcal{G}}uvp_{u,v}^{\mathcal{G}}uv\mathcal{G}p_{u,v}uv \\ S \subseteq \\ \mathcal{V}S_{t}t \geq \\ 0t = \\ 0S_{0} = \\ Stt - \\ 1u \in \\ N^{in}(v) \cap \\ (S_{t-1} \setminus S_{t-2})v \in \end{array}
                                               (S_{t-1} \setminus S_{t-2})v \in \mathcal{V} \setminus
                                               S_{t-1} v p_{u,v} u t - 1 u t t S_t =
                                                  \bar{S}_{t-1}
                    ??\mathcal{G}S = \\ \{v_1\}??p_{u,v}^{\mathcal{G}}t = \\ 0v_1v_1t = \\ 1v_1t = \\ 0\mathcal{G}v_1v_2v_1v_2v_2t = \\ 1S_1 = \\ \{v_1,v_2\}t = \\ 2v_2v_3v_4v_5v_6??v_3v_5S_2 = \\ \{v_1,v_2,v_3,v_5\}t = \\ 3I(S)S\mathcal{G}I(S) = \\ 4 \\ SE_2[I/S] 
                                                                                                                                     \begin{array}{l} SE_{\mathcal{G}}\left[I\left(S\right)\right]\mathcal{G}\mathcal{G}kE_{\mathcal{G}}\left[I\left(S\right)\right]k????\\ ??\mathcal{G}k = \end{array}
                                            \begin{array}{l} ???Gk = \\ 1??k = \\ 1v_1E_G\left[I\left(\{v_1\}\right)\right] = \\ 1+\\ 1+\\ 4\times\\ 0.8 = \\ 0.8 = \\ 5.2\{v_2\}E_G\left[I\left(\{v_2\}\right)\right] = \\ 1+ \end{array}
                                         \begin{array}{l} 5.2\{v_2\}E_{\mathcal{G}}\left[I\left(\{v_2\}\right.\right.\right.\\ 1+\\ 4\times\\ 0.8=\\ 4.2E_{\mathcal{G}}\left[I\left(\{v_3\}\right)\right]=\\ E_{\mathcal{G}}\left[I\left(\{v_4\}\right)\right]=\\ E_{\mathcal{G}}\left[I\left(\{v_5\}\right)\right]=\\ E_{\mathcal{G}}\left[I\left(\{v_6\}\right)\right]=\\ 1\mathcal{G}k=\\ 1\mathcal{S}^*=\\ \{v_1\}\\ \mathcal{G}k=\\ \end{array}
                                          \begin{cases} \overline{v}_1 \\ \mathcal{G}k = \\ 1\mathcal{G}k > \\ 1E_{\mathcal{G}}\left[I\left(S\right)\right]uSf\left(S \cup \{u\}\right) \geq \\ f\left(S\right)uS \subseteq \\ Wf\left(S \cup \{u\}\right) - \\ f\left(S\right) \geq \\ f\left(W \cup \{u\}\right) - \\ f\left(W\right)S = \\ \emptyset f\left(S \cup \{u\}\right) - \\ f\left(S\right)uSku \end{cases} 
                                               u = \arg \max_{w \in V \setminus S} \left( E_{\mathcal{G}} \left[ I \left( S \cup w \right) \right] - E_{\mathcal{G}} \left[ I \left( S \right) \right] \right)
(1)
                                                                                                                                        1-
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