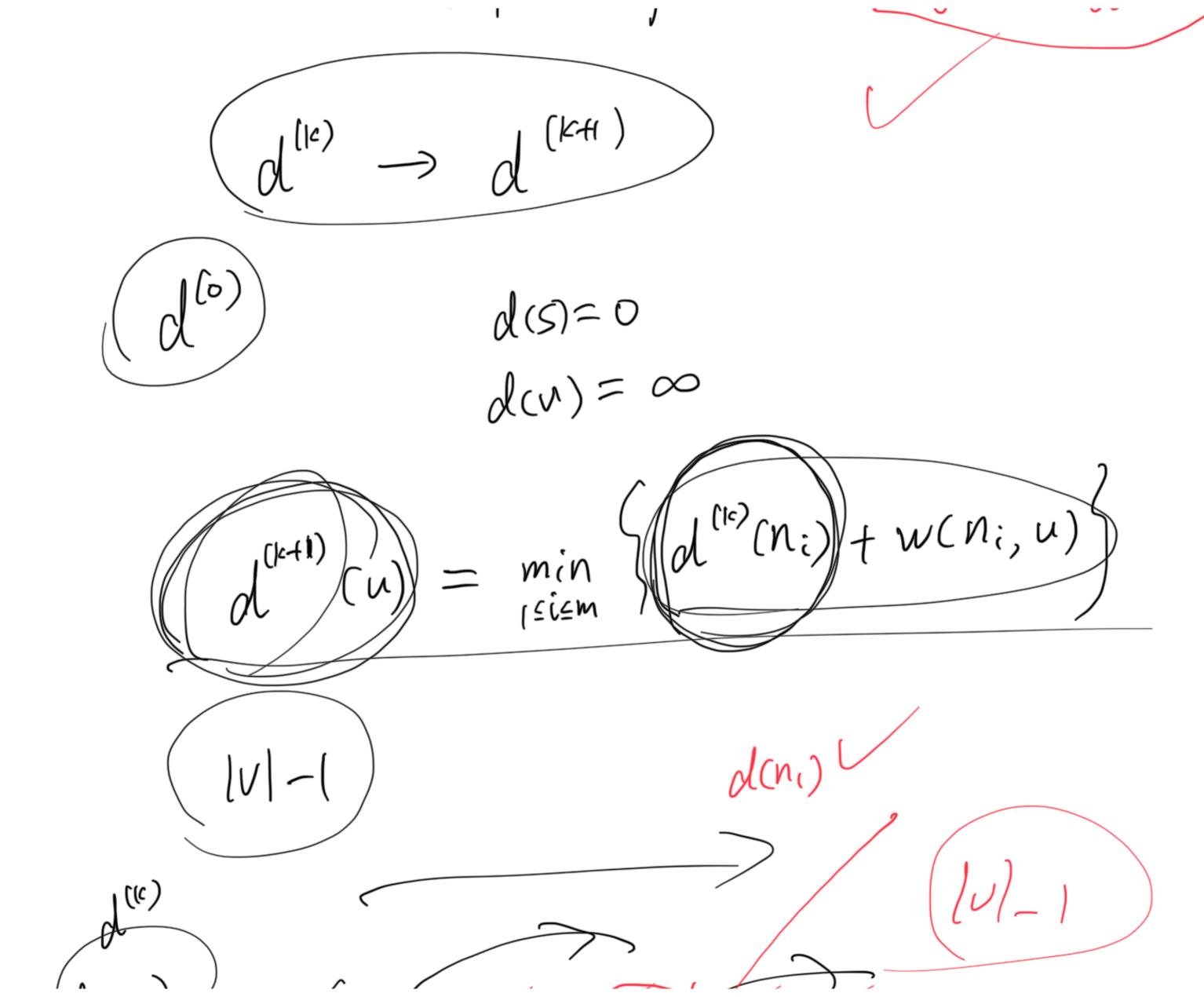
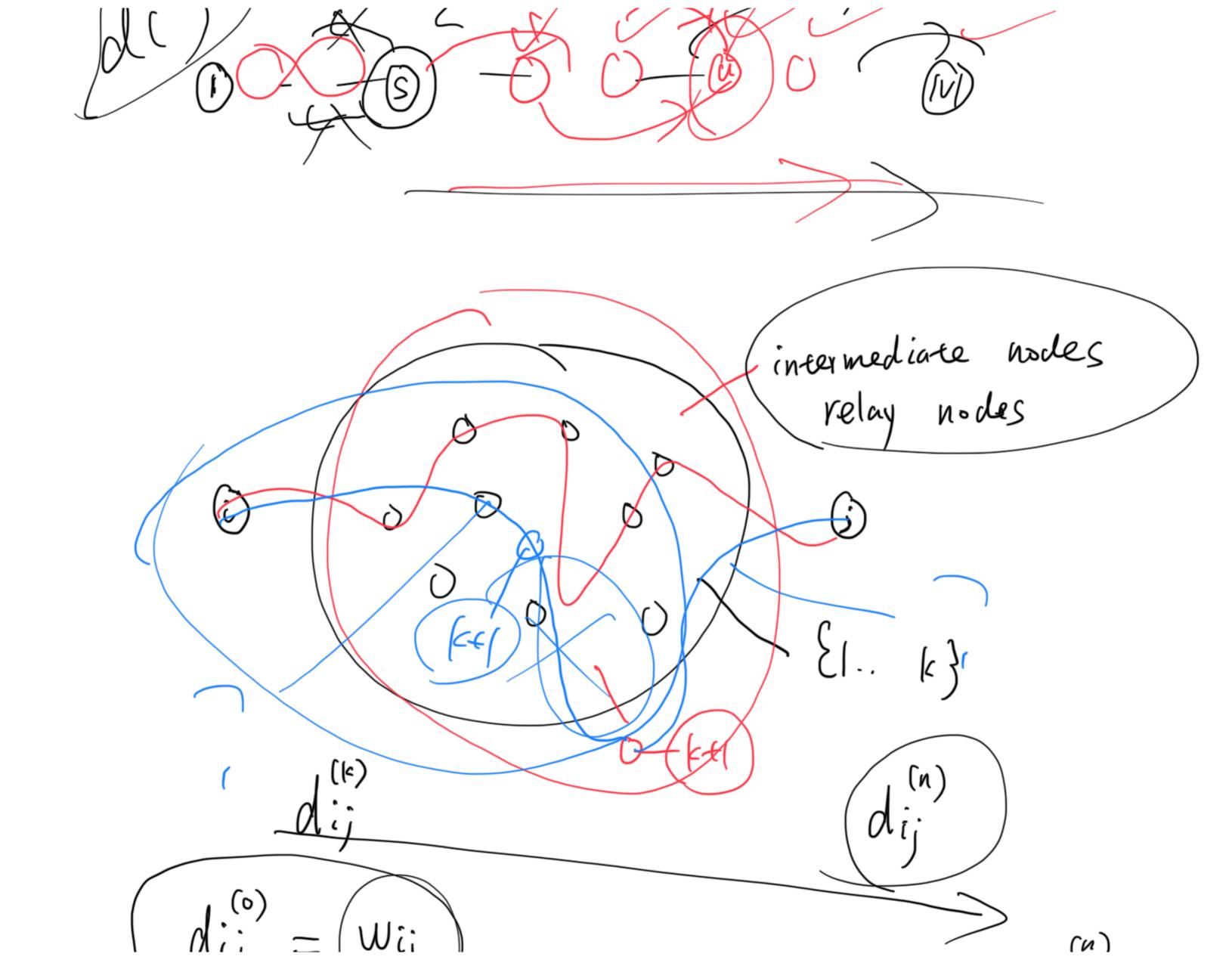


min (litwi) Eism Wm

∞ -> 6 6-3=3 S(S,V)=4 S(S,u)=5Marches (Nr) of (161) (k) (N₁) sub-problem Shortest path dist. from 5 to V d[v]

Deughth of the Shortest path with at most k-hops from S to Vd(k) [v] > dev] $\mathcal{A}^{(k)}[V] \geq \mathcal{A}^{(k+1)}[V]$ $d^{(0)} \ge d^{(1)} \ge d^{(1)}$ $\int_{\mathbb{R}^{n}} (|v|) \leq \int_{\mathbb{R}^{n}} (|v|-1)$





 $d_{ij} = d_{ij}$ dij > dij $d_{i((k+1))}^{(k)} + d_{(k+1)j}^{(k)}$