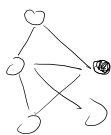
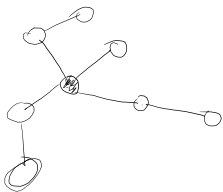


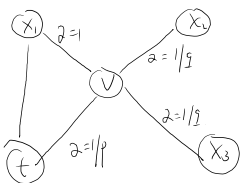
Node2Vec: $\text{deepwalk} \xrightarrow{\text{node2vec}}$



BFS:
DFS:
 $\{P\}$
 $\{I\}$



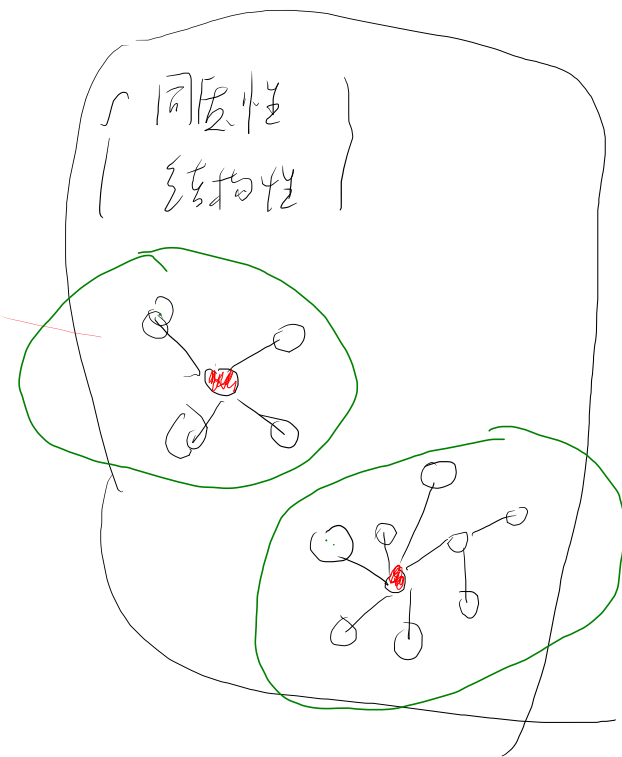
宽度优先



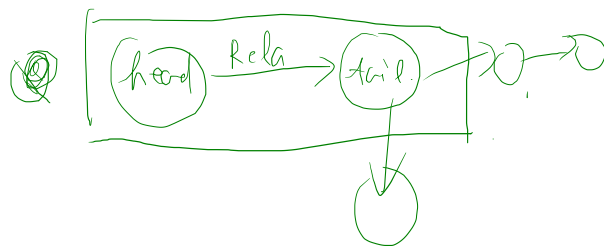
$t = \text{next}$
 \perp

$$w_{PS}(t, \text{next}) = \begin{cases} \frac{1}{p} & \text{if } \text{distance}(t, \text{next}) = 0 \\ 1 & \text{if } \text{distance}(t, \text{next}) = 1 \\ \frac{1}{q} & \text{if } \text{distance}(t, \text{next}) = 2 \end{cases}$$

总结: $\left\{ \begin{array}{l} \text{DFS: 同质性} \\ \text{BFS: 结构性} \end{array} \right\}$

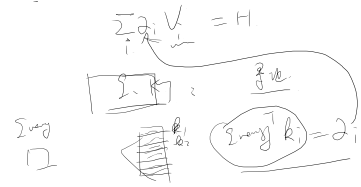


(head, rela, tail)



Self-Attention: $S, K, V \rightarrow \text{Self}$

Attention:



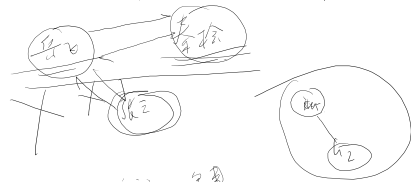
$$V^T W U$$

$\frac{1}{\sqrt{d_k}}$

高维的标

html

一个标
= 5 标



Tag, 2, 10, 100

AFM, Deepcross, FiBiNet, D2N

