

Start at S_0

For $t = 1, 2, \dots$

- Select random $v \in V$
- $\Delta \leftarrow F(S_t \cup \{v\}) - F(S_t \setminus \{v\})$
- $p_{\text{add}} \leftarrow e^{\Delta} / (1 + e^{\Delta})$
- Flip biased coin

p_{add}

$1 - p_{\text{add}}$

$S_{t+1} \leftarrow S_t \cup \{v\}$

$S_{t+1} \leftarrow S_t \setminus \{v\}$