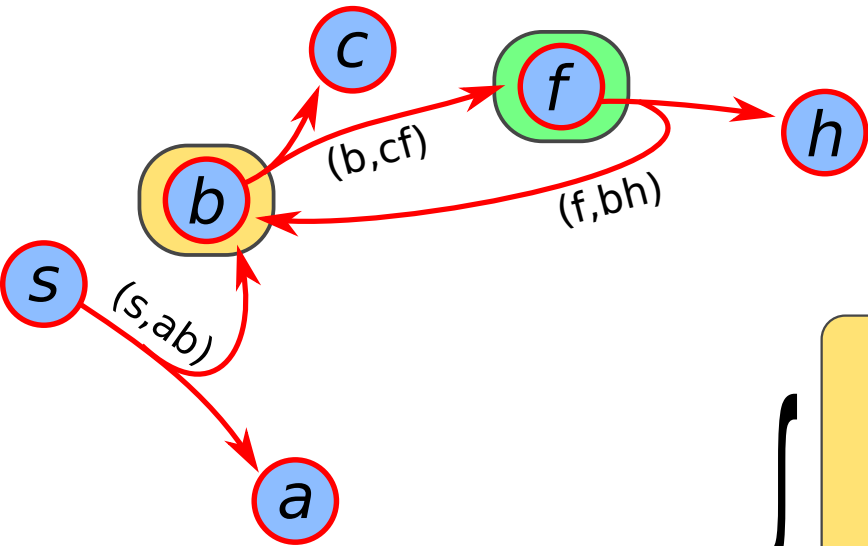




$$(i) \left\{ \begin{array}{l} \min(o_{(s,ab)}, o_{(f,bh)}) < \min(o_{(b,cf)}) \\ \min(o_{(b,cf)}) < \min(o_{(f,bh)}) \end{array} \right.$$

$$(ii) \left\{ \begin{array}{l} \min(o_{(s,ab)}, o_{(f,bh)}) < o_{(b,cf)} \\ o_{(b,cf)} < o_{(f,bh)} \end{array} \right.$$

(iii) {

$$\begin{aligned} r_b &\geq o_{(s,ab)} - C \times (1 - r^b_{(s,ab)}) \\ r_b &\leq o_{(s,ab)} + C \times (1 - r^b_{(s,ab)}) \\ r_b &\geq o_{(f,bh)} - C \times (1 - r^b_{(f,bh)}) \\ r_b &\leq o_{(f,bh)} + C \times (1 - r^b_{(f,bh)}) \\ r^b_{(s,ab)} + r^b_{(f,bh)} &= 1 \\ r_b &< o_{(b,cf)} \end{aligned}$$

$$o_{(b,cf)} < o_{(f,bh)}$$