





$\tau: \Sigma \rightarrow \{0,1\}^*$

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$\tau: \Sigma \rightarrow \{0,1\}^*$ $\tau(a) = 0$ $\tau(b) = 01$

$$\tau: \Sigma \rightarrow \{0,1\}^*$$

$$\tau(a) = 0$$

$$\tau(b) = 01$$

$$0|0$$

\downarrow

a

$$\frac{01}{\downarrow}$$

b

$$\tau: \Sigma \rightarrow \{0,1\}^*$$

$$\tau(a) = 0$$

$$\tau(b) = 01$$

$$0|0$$

\downarrow

a

$$\frac{01}{\downarrow}$$

b

$$\tau: \Sigma \rightarrow \{0,1\}^*$$

$$\tau(a) = 0$$

$$\tau(b) = 01$$

$$0|0$$

\downarrow

a

$$\frac{01}{\downarrow}$$

b

$$\tau(a) = 0$$

$$\tau(b) = 0110$$

$$\tau(c) = 10$$

$$\tau: \Sigma \rightarrow \{0,1\}^*$$

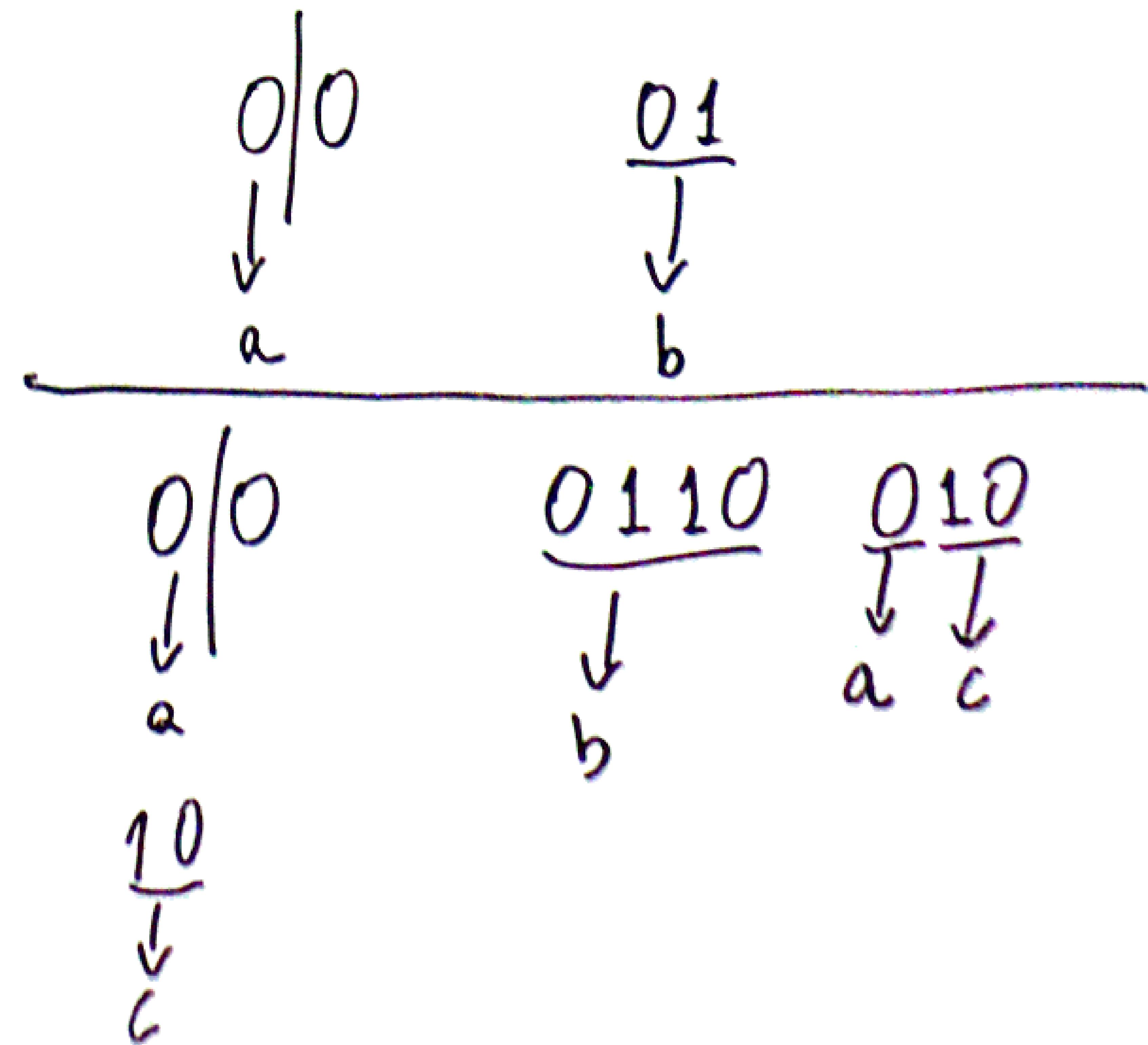
$$\tau(a) = 0$$

$$\tau(b) = 01$$

$$\tau(a) = 0$$

$$\tau(b) = 0110$$

$$\tau(c) = 10$$



$$\tau: \Sigma \rightarrow \{0,1\}^*$$

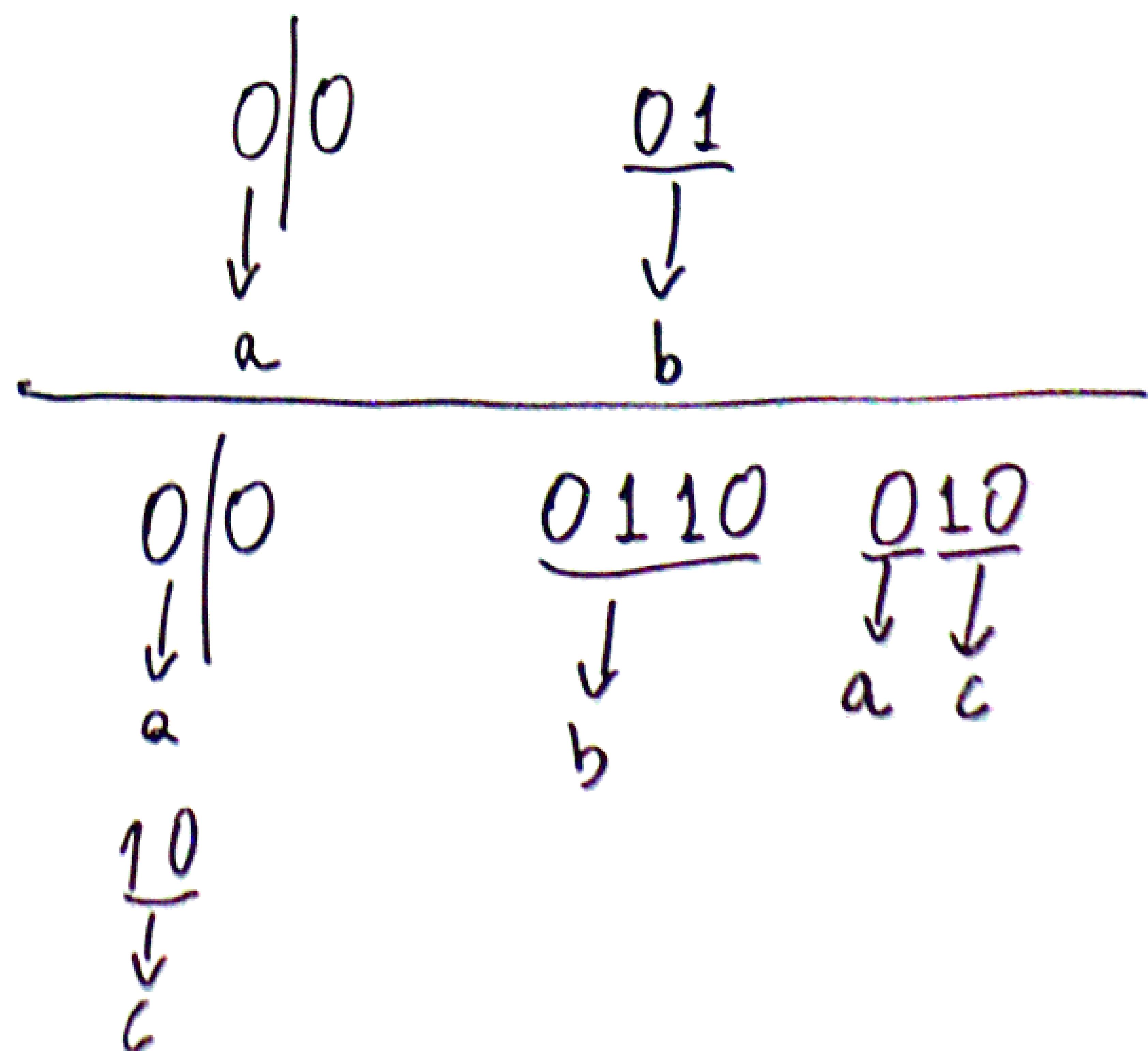
$$\tau(a) = 0$$

$$\tau(b) = 01$$

$$\tau(a) = 0$$

$$\tau(b) = 0110$$

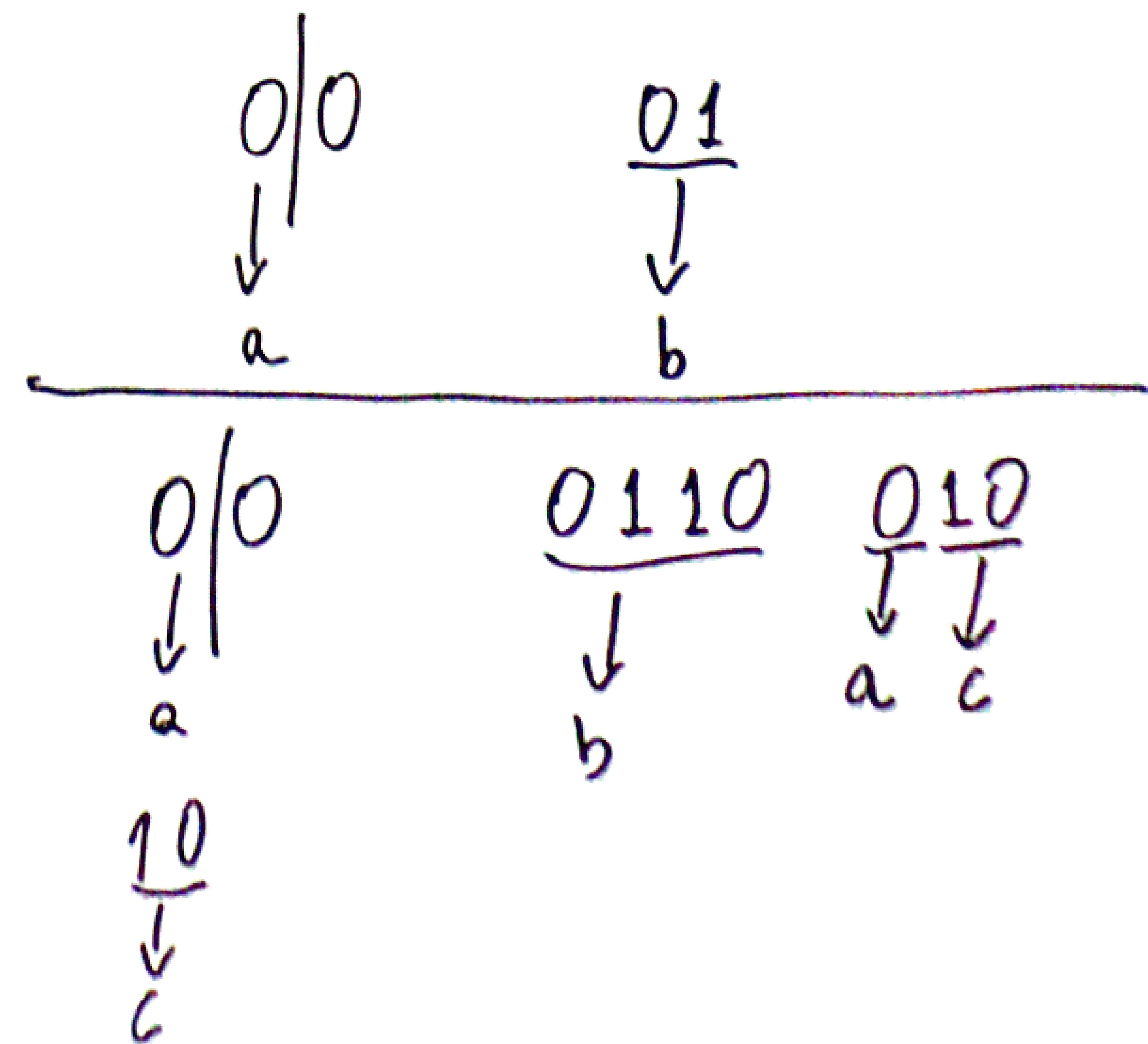
$$\tau(c) = 10$$



$\tau: \Sigma \rightarrow \{0,1\}^*$ w $fr_w(a)$

$$lp_w(\tau) = \sum_{a \in \Sigma} |\tau(a)| \cdot fr_w(a)$$

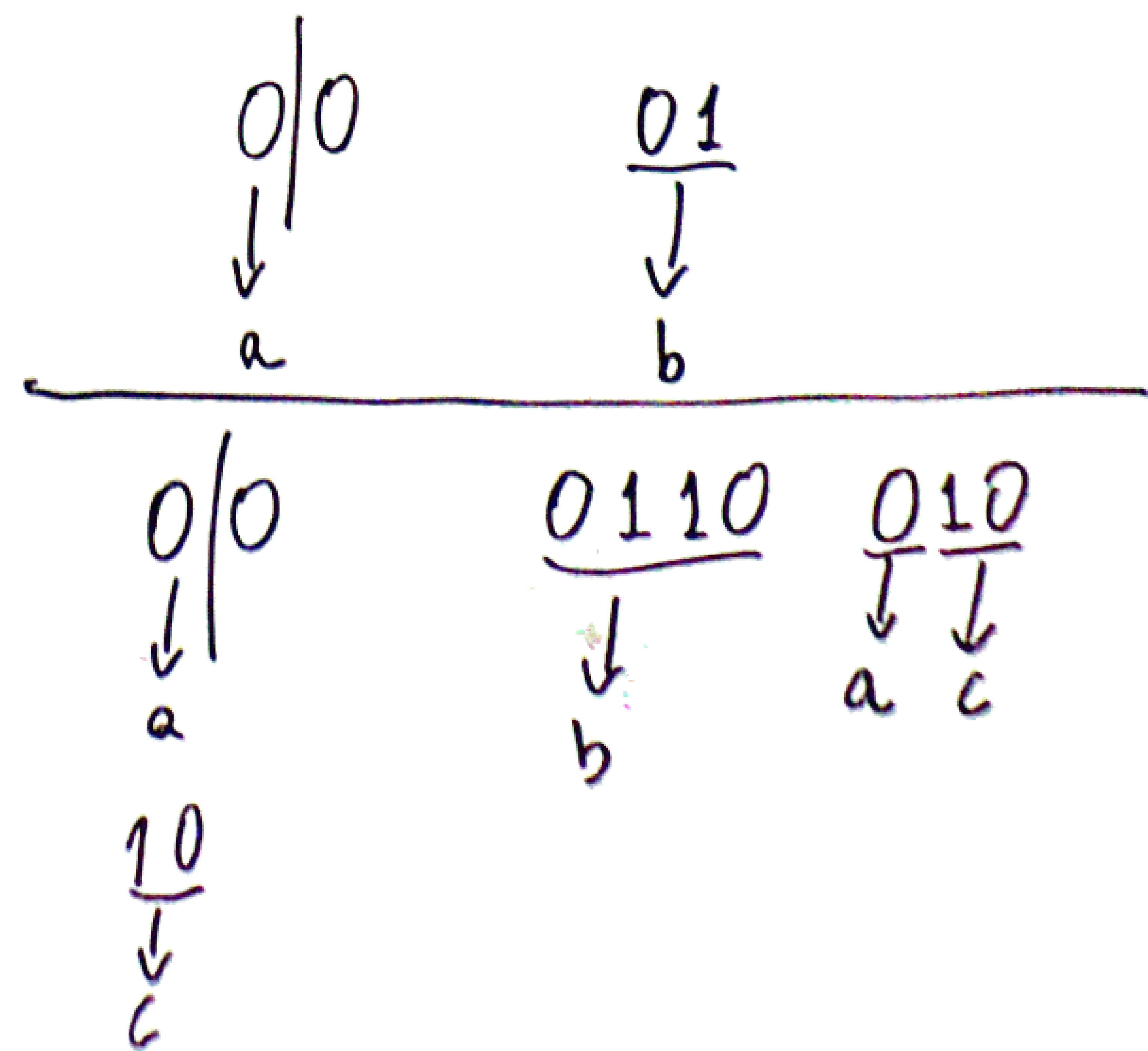
$$|\hat{\tau}(w)| = |w| \cdot lp_w(\tau)$$



$\tau: \Sigma \rightarrow \{0,1\}^*$ w $fr_w(a)$

$$lp_w(\tau) = \sum_{a \in \Sigma} |\tau(a)| \cdot fr_w(a)$$

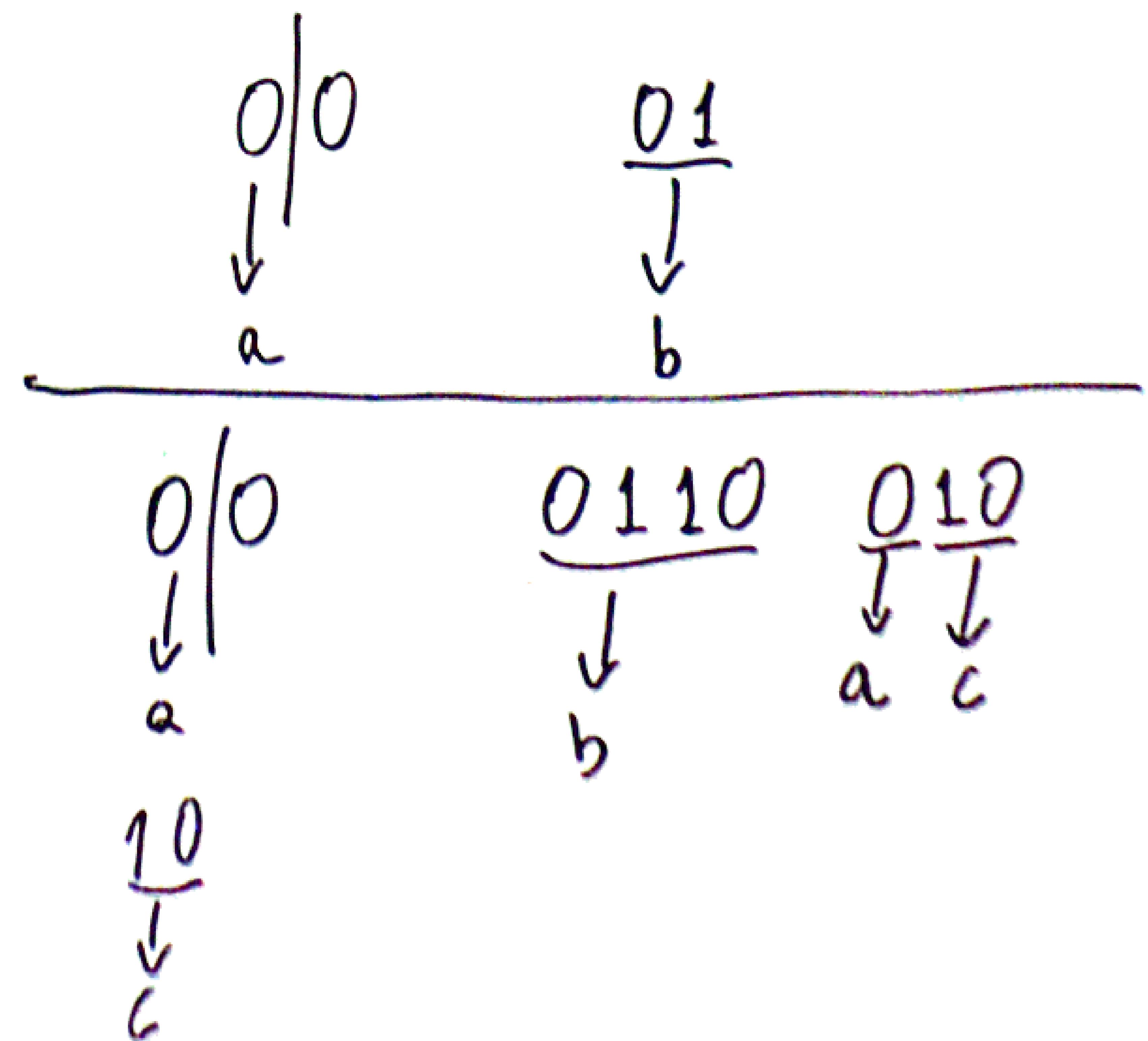
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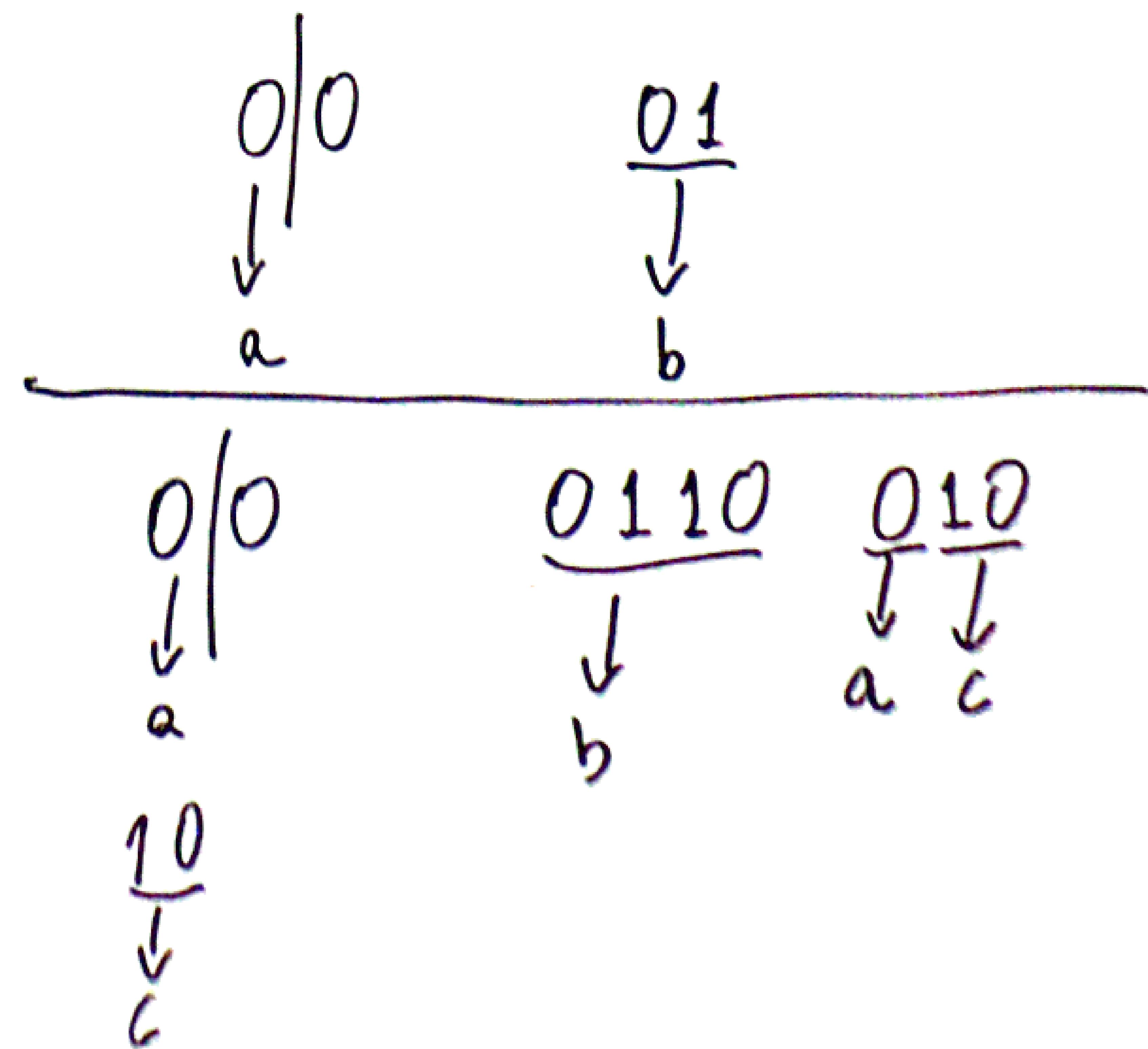
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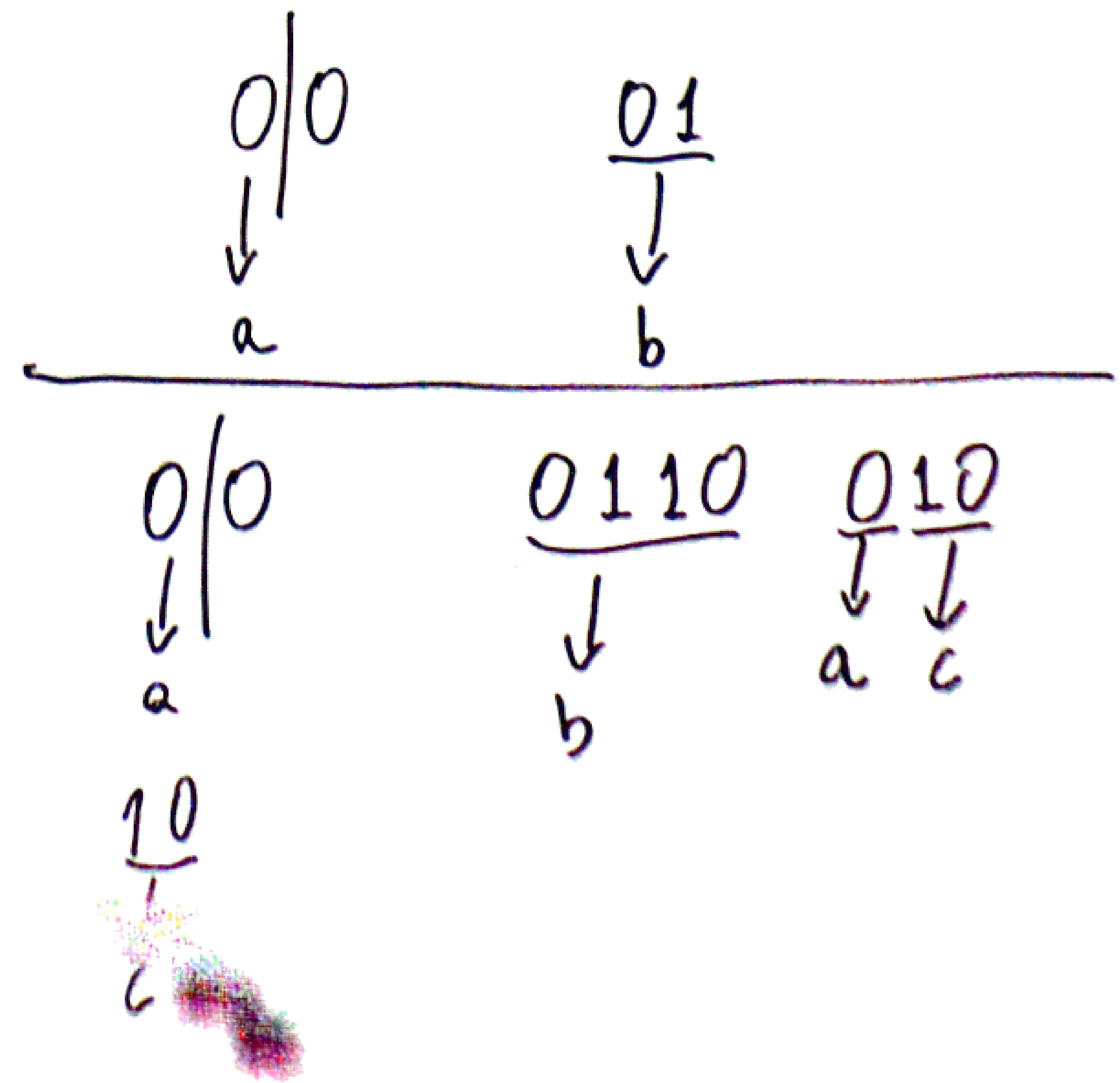
$$|\hat{\tau}(w)| = |w| \cdot lp_w(\tau)$$



$\tau: \Sigma \rightarrow \{0,1\}^*$ w $fr_w(a)$

$$lp_f(\tau) = \sum_{a \in \Sigma} |\tau(a)| \cdot f(a)$$

$$|\hat{\tau}(w)| = |w| \cdot lp_w(\tau)$$



$\tau: \Sigma \rightarrow \{0,1\}^*$ w $fr_w(a)$

$$lp_f(\tau) = \sum_{a \in \Sigma} |\tau(a)| \cdot f(a)$$

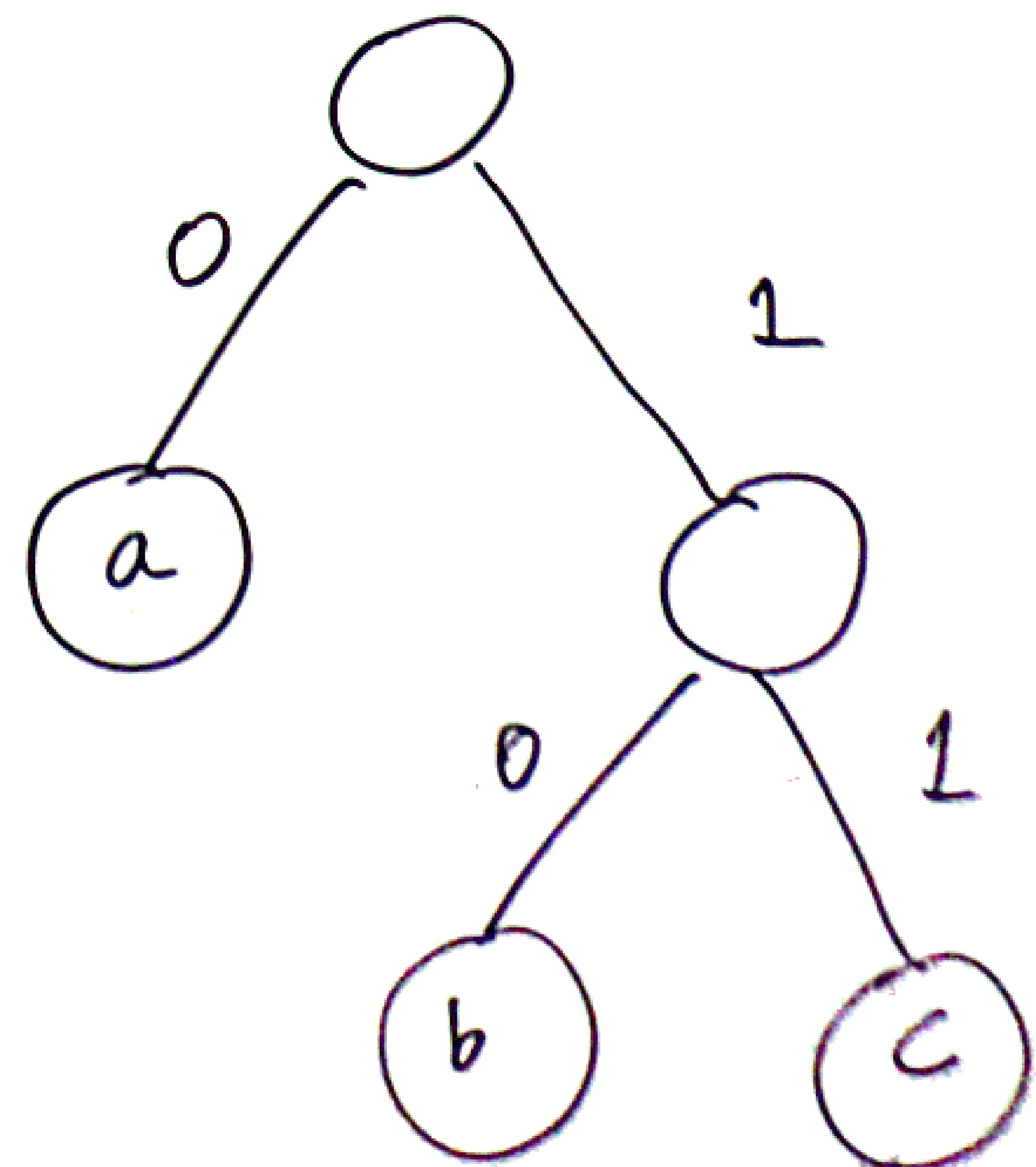
$$|\hat{\tau}(w)| = |w| \cdot lp_w(\tau)$$



$\tau: \Sigma \rightarrow \{0,1\}^*$ w $f_{rw}(a)$

$$lp_f(\tau) = \sum_{a \in \Sigma} |\tau(a)| \cdot f(a)$$

$$|\hat{\tau}(w)| = |w| \cdot lp_w(\tau)$$

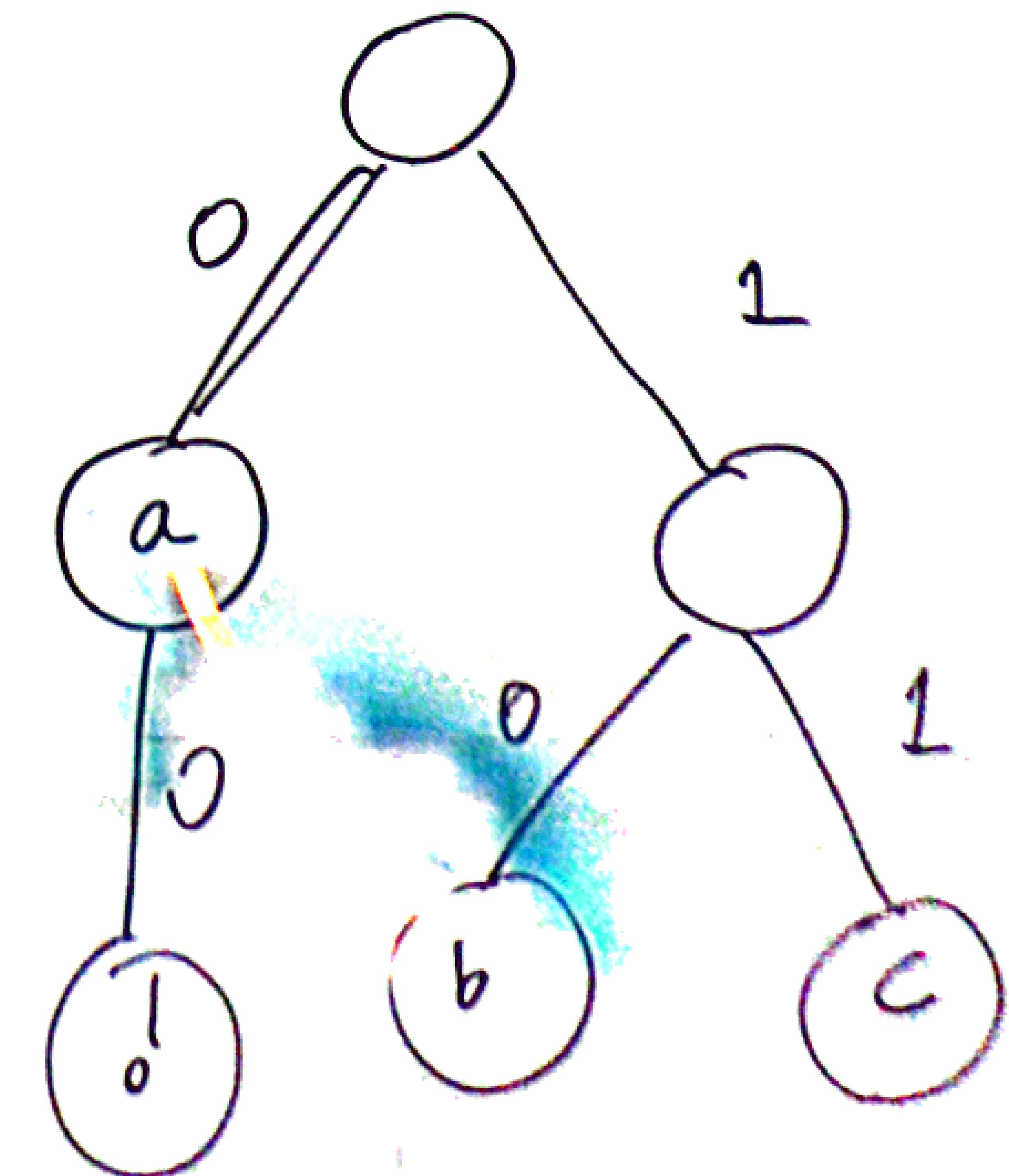


$\tau: \Sigma \rightarrow \{0,1\}^*$ w $fr_w(a)$

$$lp_f(\tau) = \sum_{a \in \Sigma} |\tau(a)| \cdot f(a)$$

$$|\hat{\tau}(w)| = |w| \cdot lp_w(\tau)$$

$$\begin{aligned}f(a) &= 0 \\f(d) &= 0\end{aligned}$$

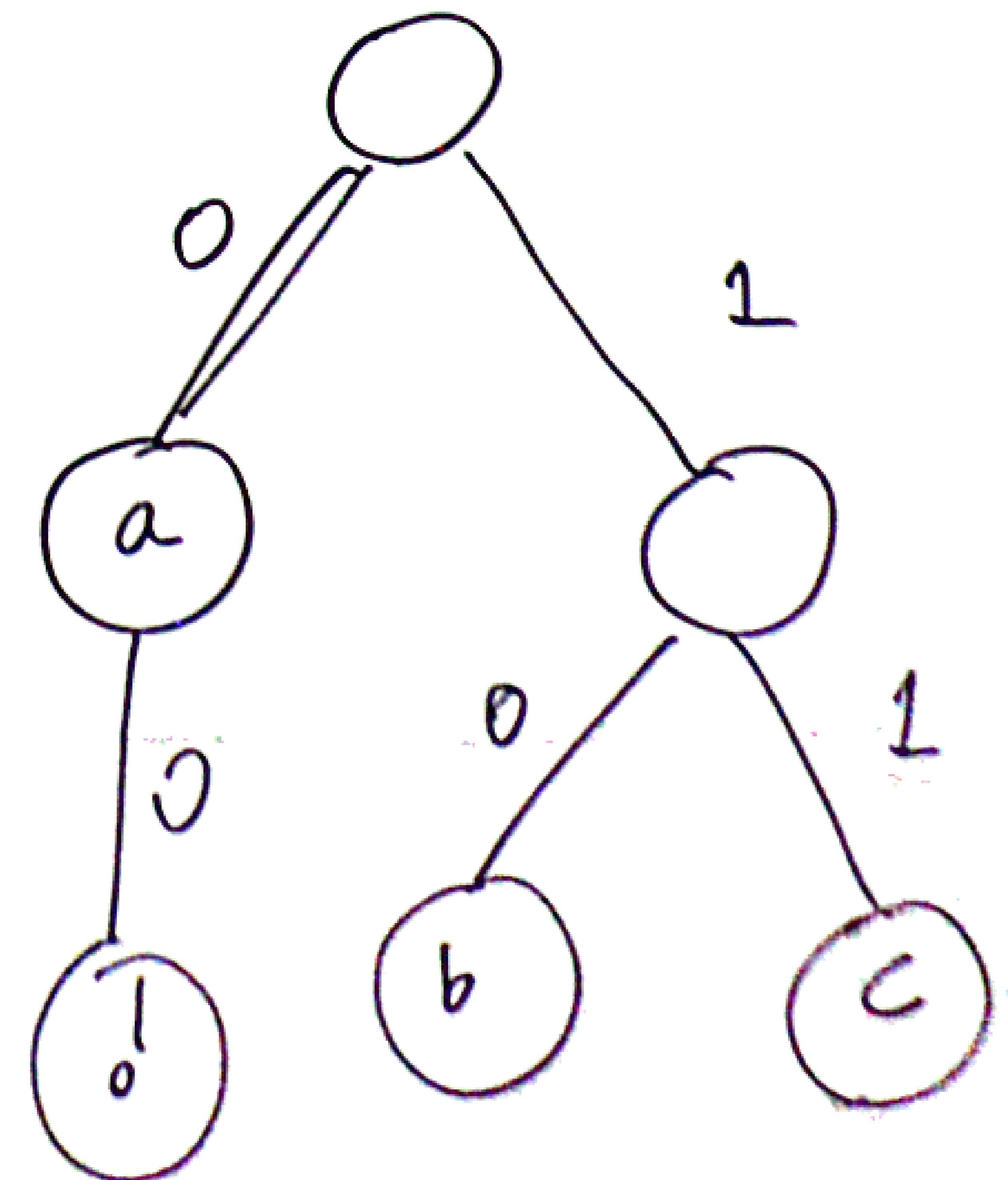


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$$lp_f(\tau) = \sum_{a \in \Sigma} |\tau(a)| \cdot f(a)$$

$$|\hat{\tau}(w)| = |w| \cdot lp_w(\tau)$$

$$\begin{array}{l} f(a)=0 \\ \tau(d)=00 \end{array}$$

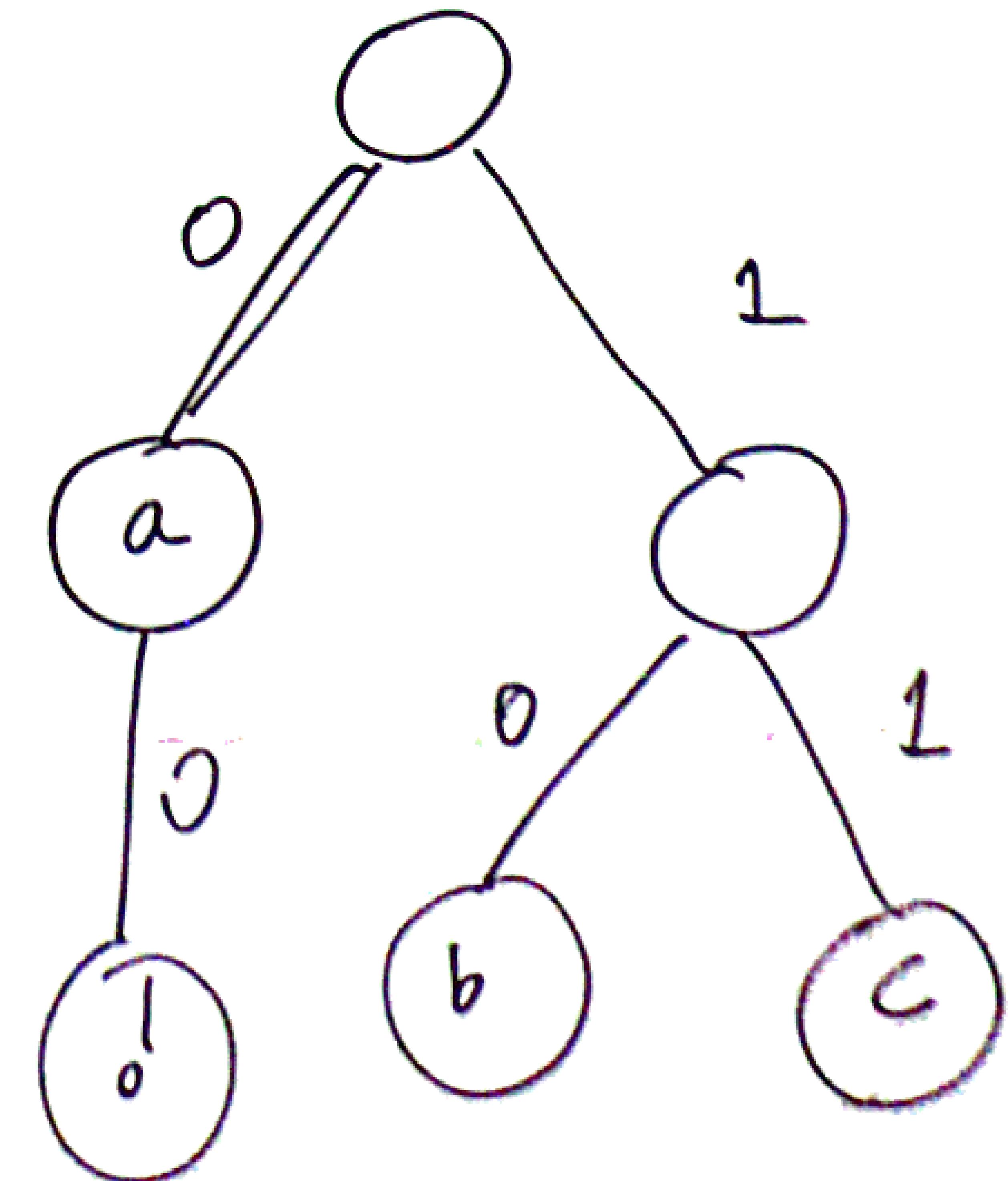


$\tau: \Sigma \rightarrow \{0,1\}^*$ w $fr_w(a)$

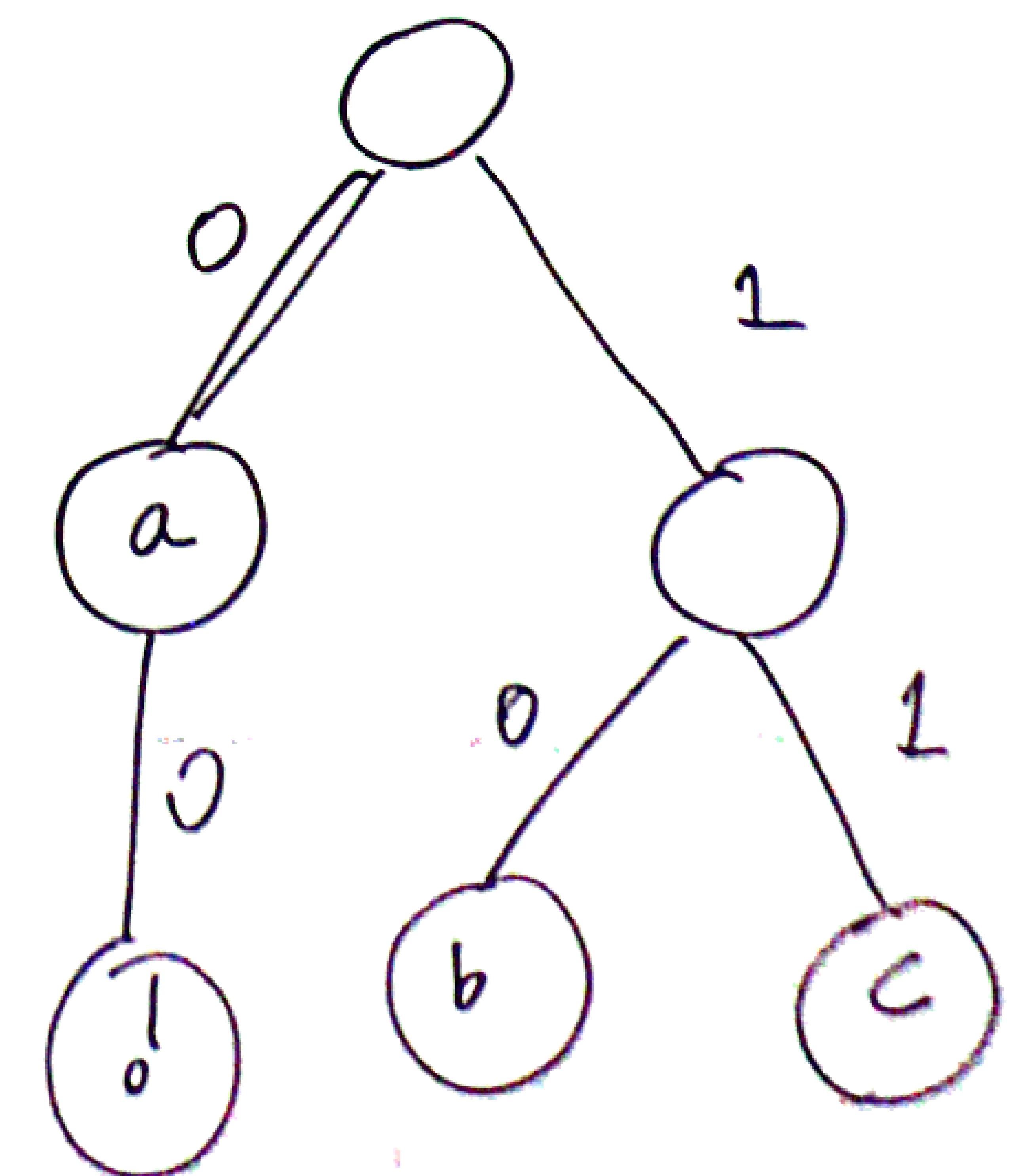
$$lp_f(\tau) = \sum_{a \in \Sigma} |\tau(a)| \cdot f(a)$$

$$|\hat{\tau}(w)| = |w| \cdot lp_w(\tau)$$

$$\begin{aligned}f(a) &= 0 \\f(d) &= 0\end{aligned}$$

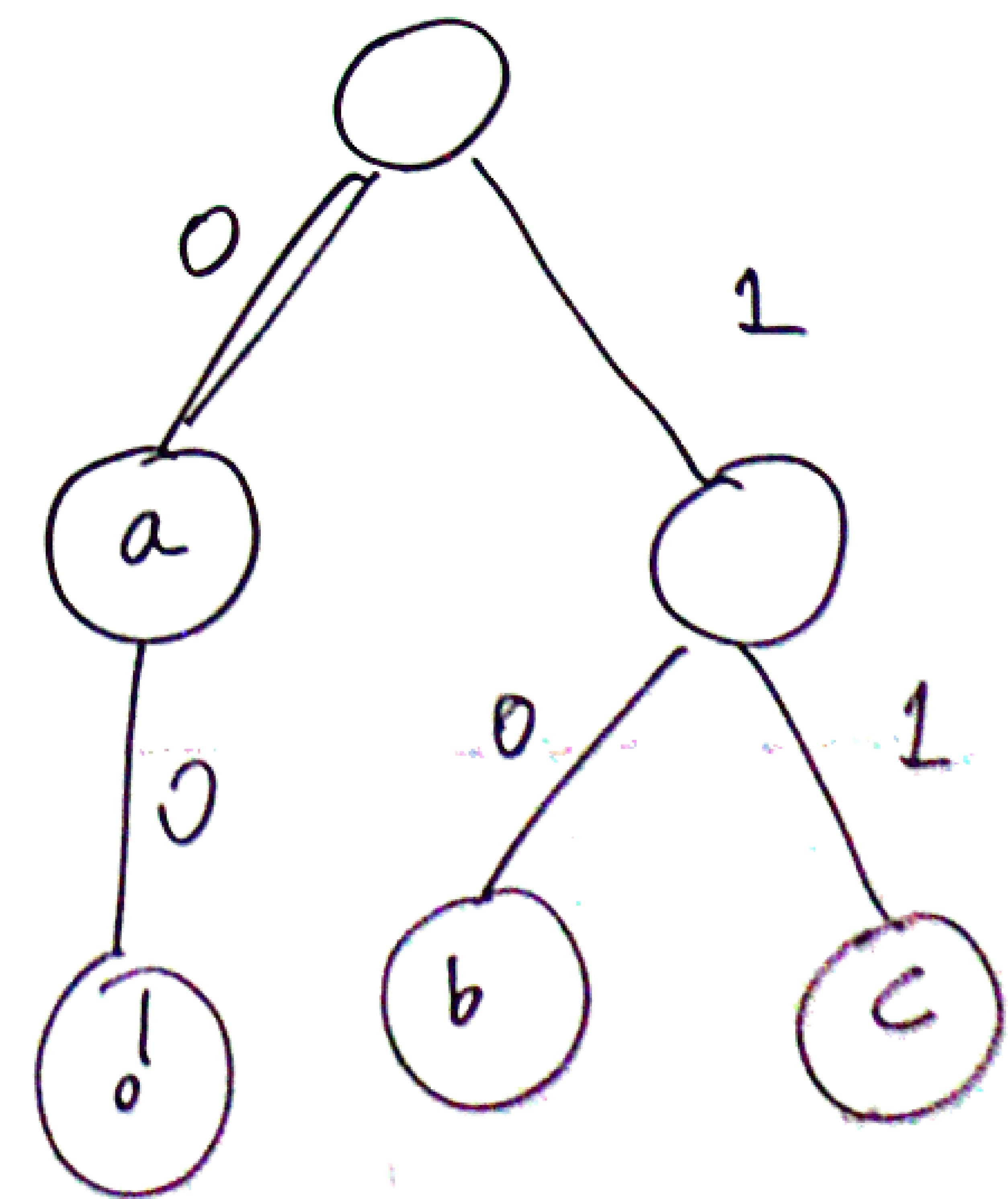


$f: \Sigma \rightarrow \{0, 1\}$



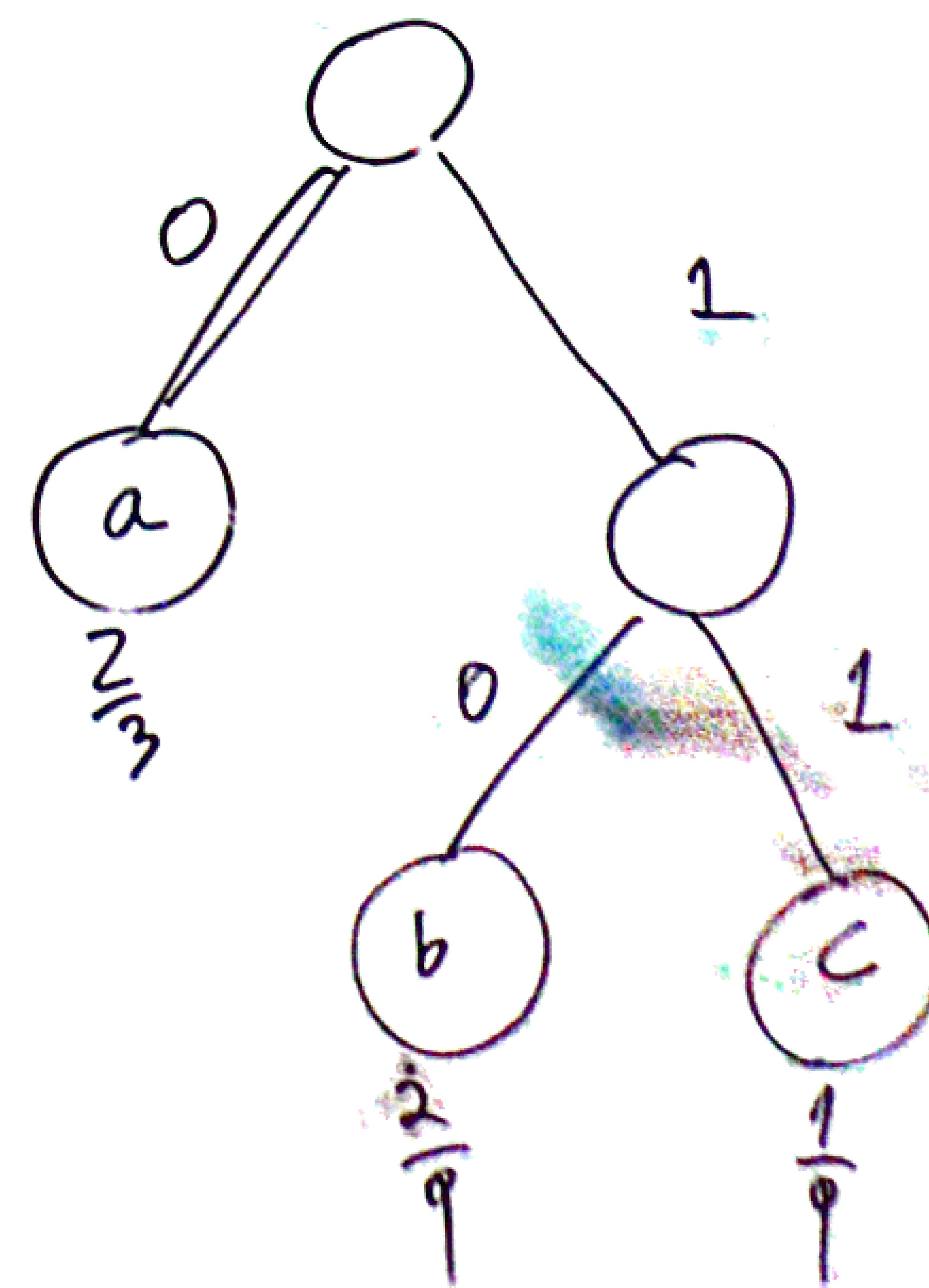
$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ lpr_f



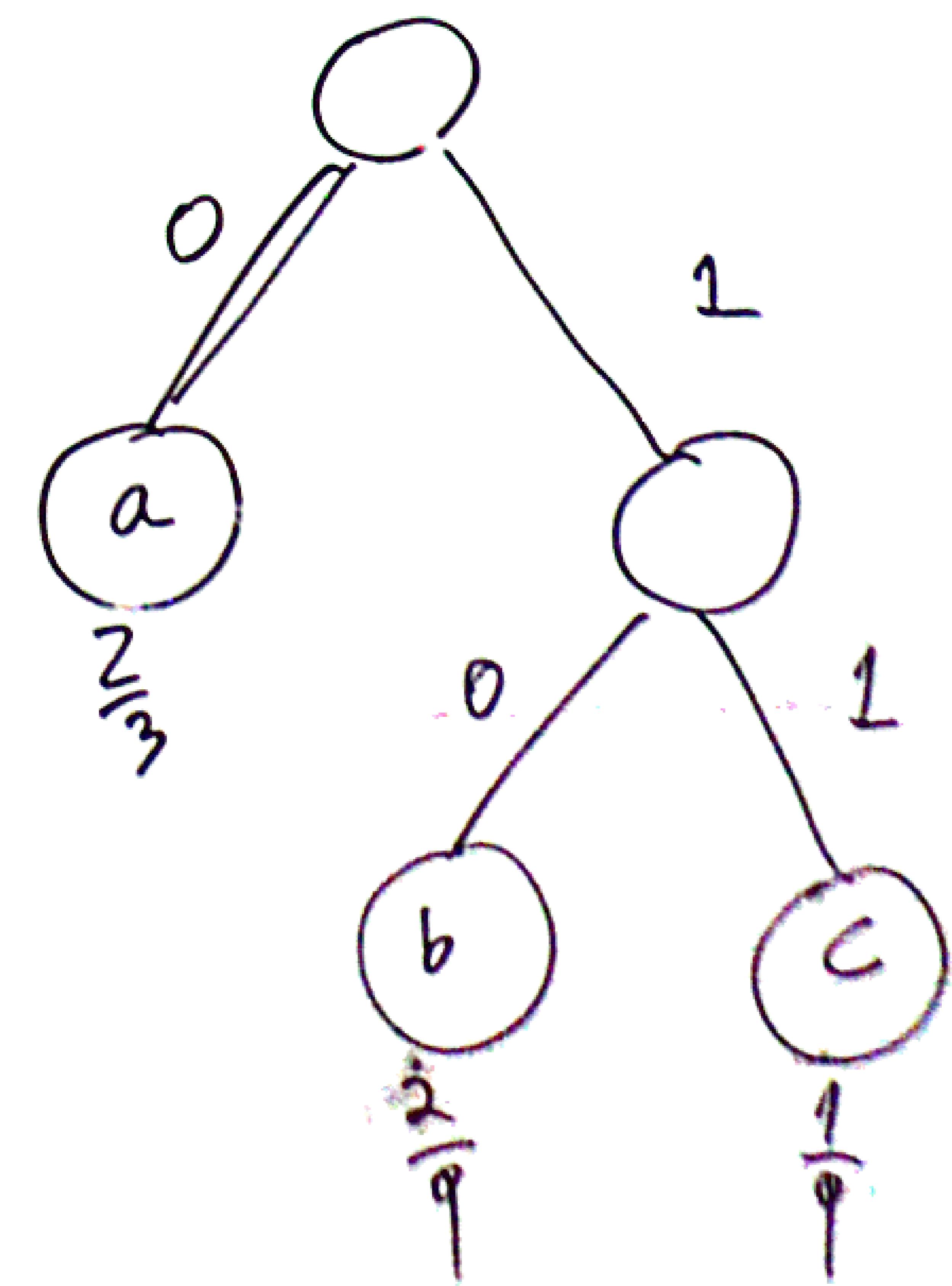
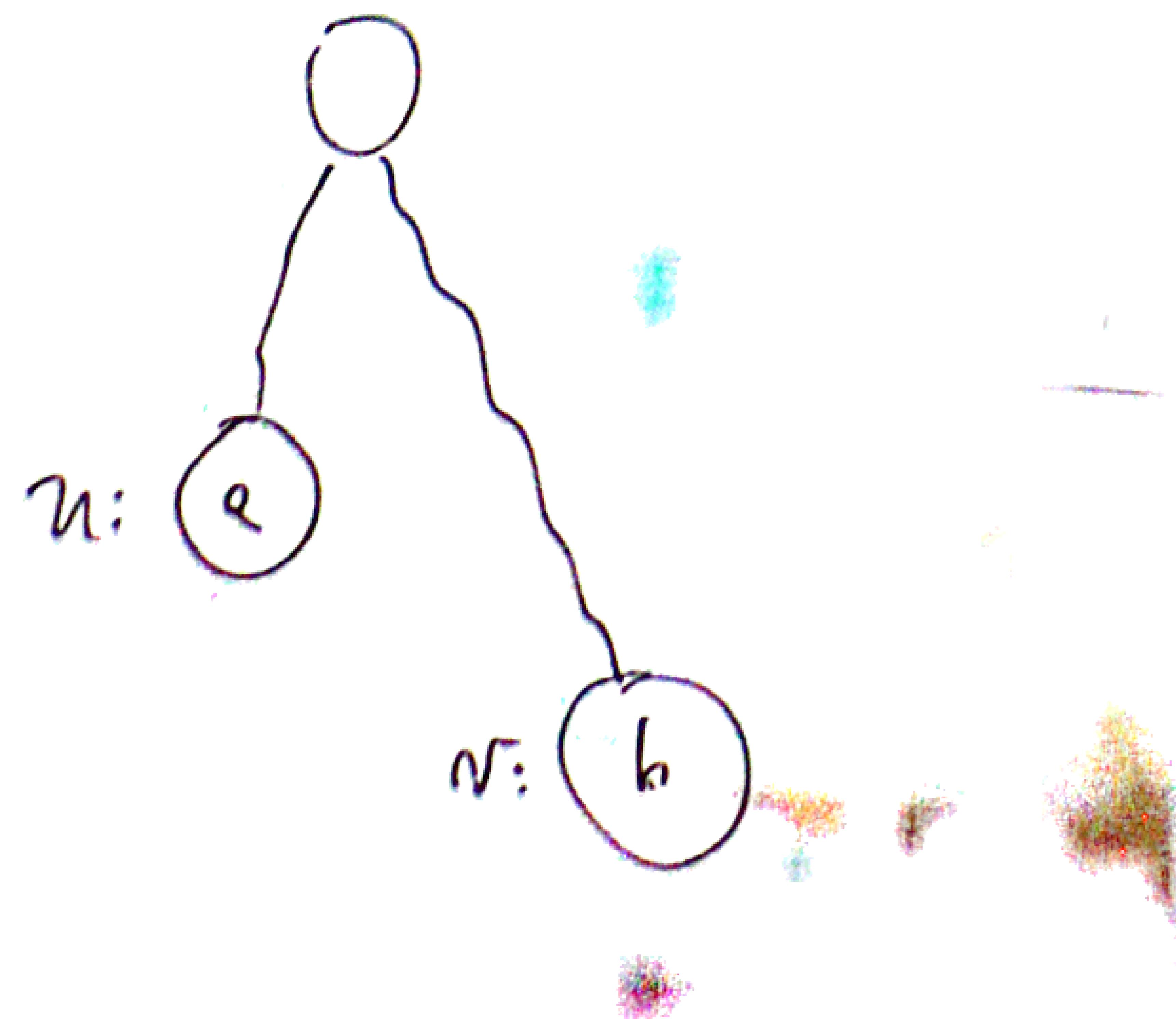
$f: \Sigma \rightarrow \{0, 1\}$

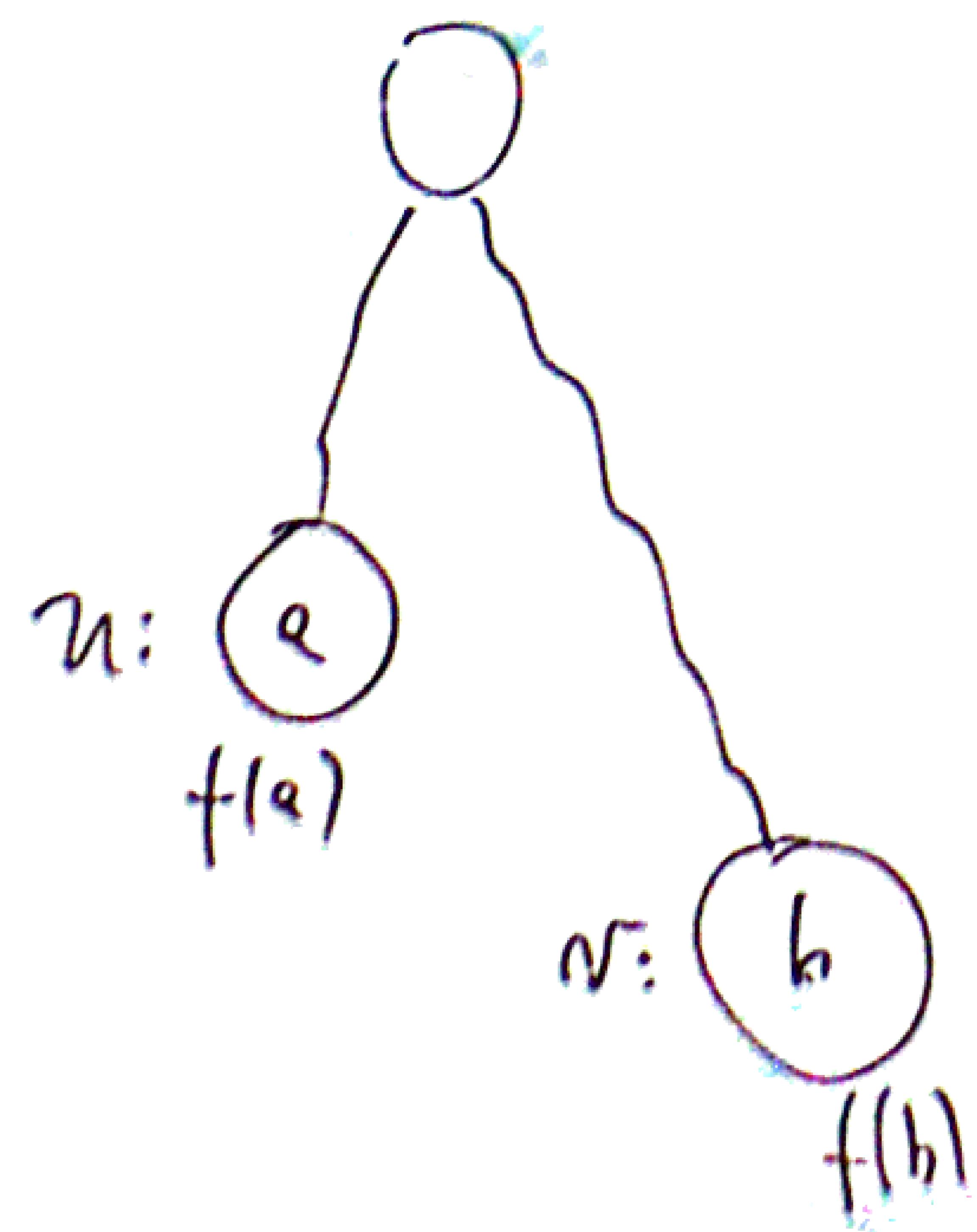
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lip_f(\tau)$



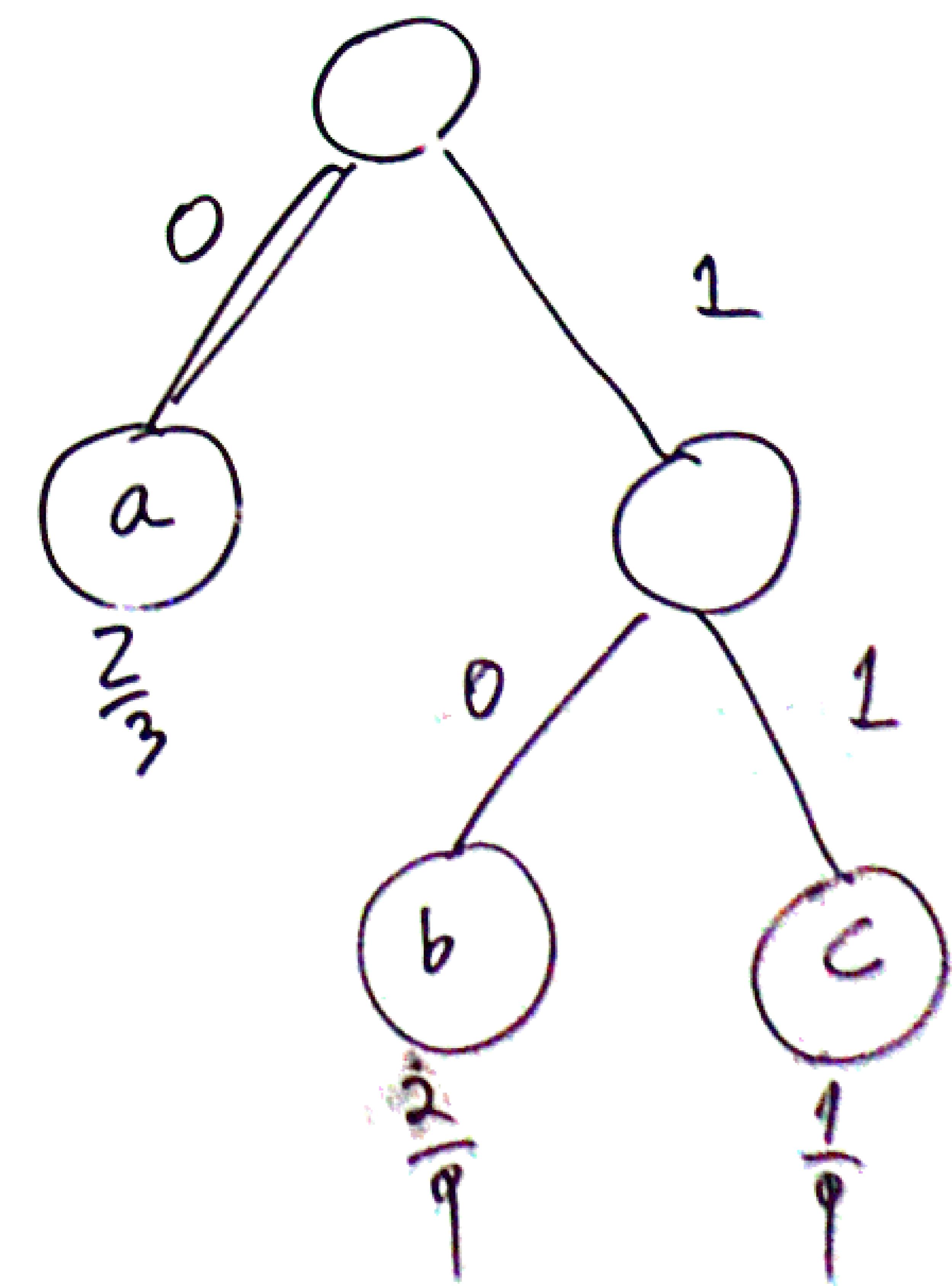
$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^* \text{ lpp}_f(\tau)$



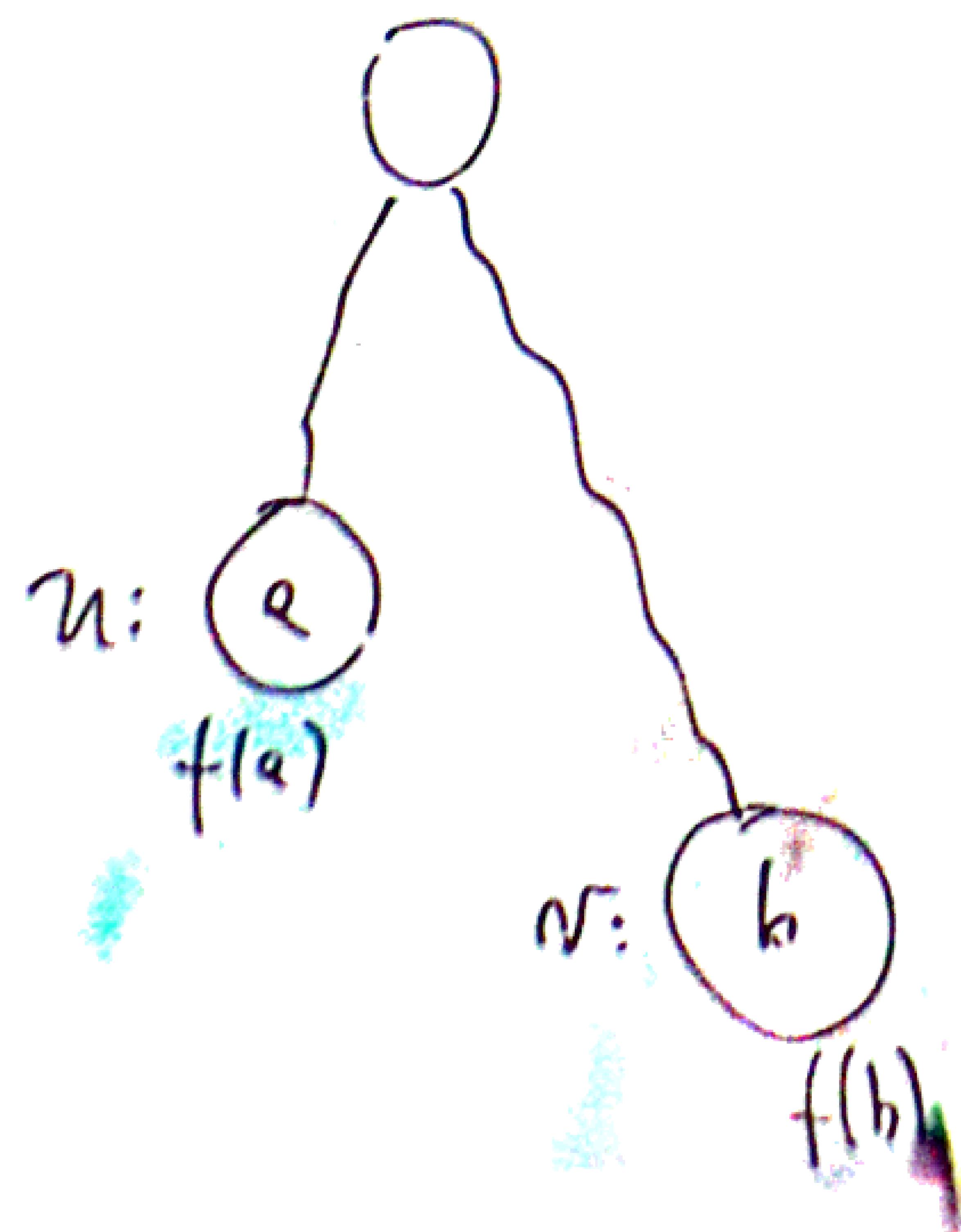
$f: \Sigma \rightarrow \{0, 1\}$ $\tau: \Sigma \rightarrow \{0, 1\}^* \text{ lpp}_f(\tau)$ 

$$f(a) \geq f(b)$$

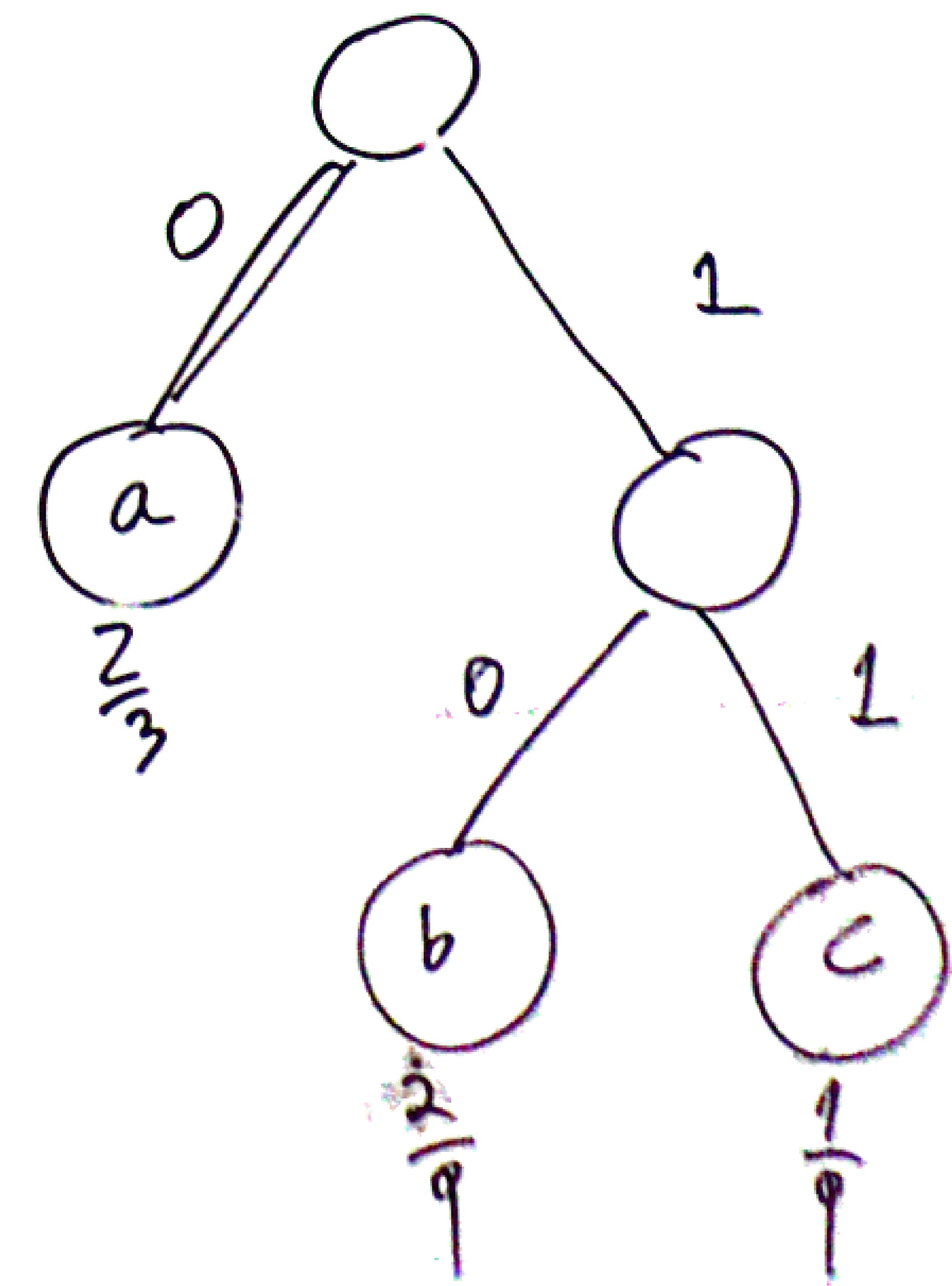


$$f: \Sigma \rightarrow \{0, 1\}$$

$$\tau: \Sigma \rightarrow \{0, 1\}^* \quad \text{fp}_f(\tau)$$



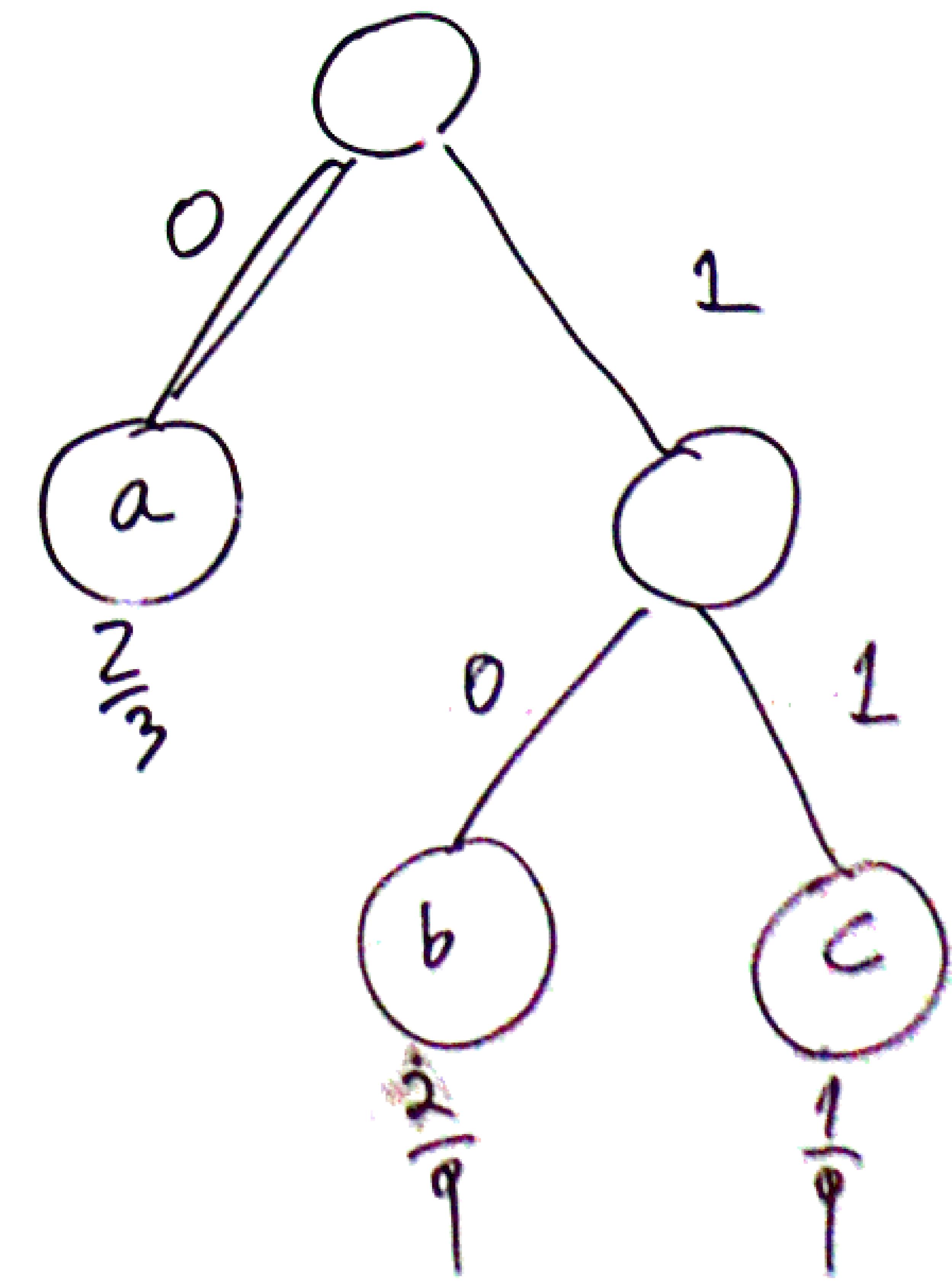
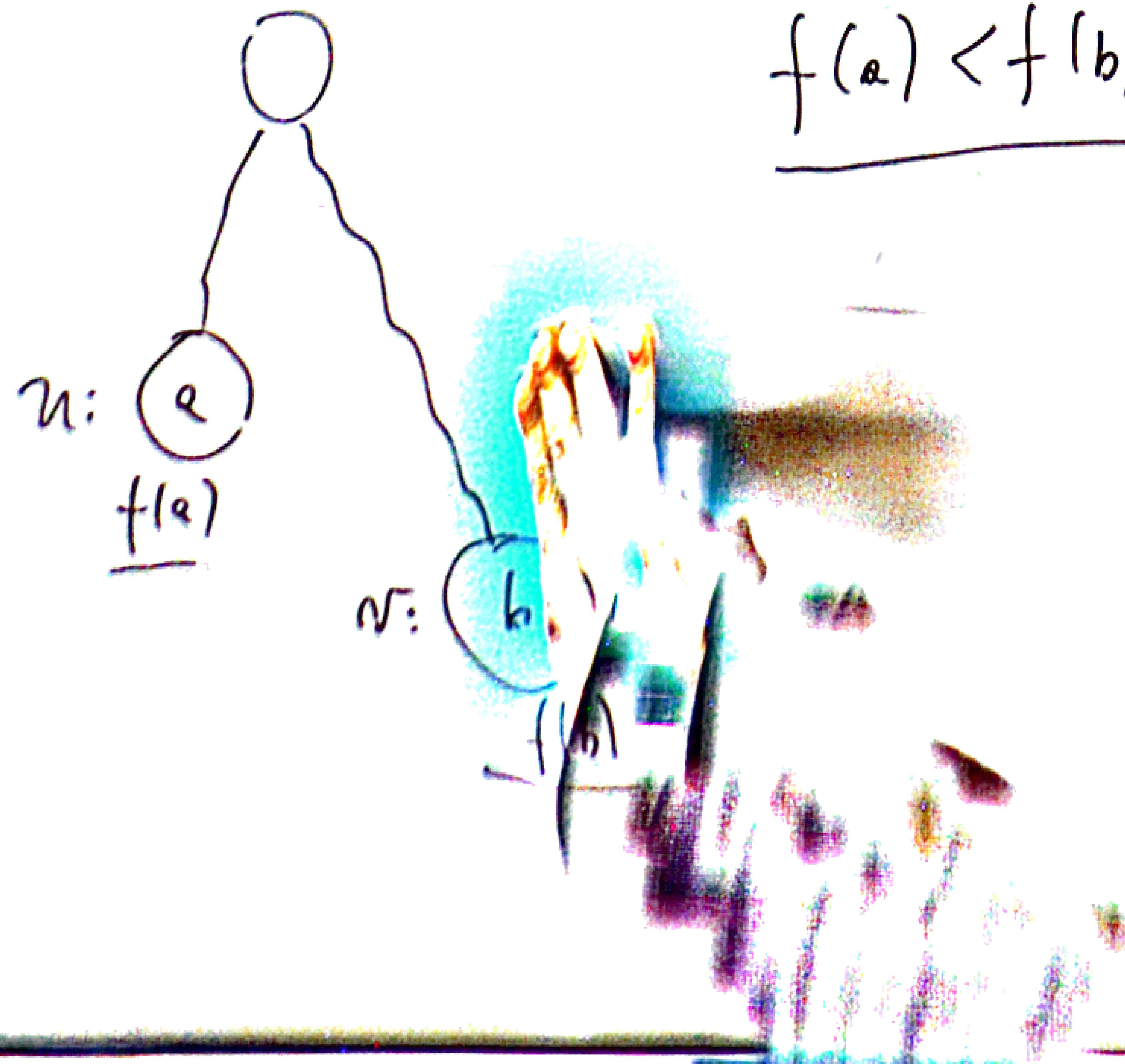
$$f(a) \geq f(b)$$



$f: \Sigma \rightarrow \{0, 1\}$

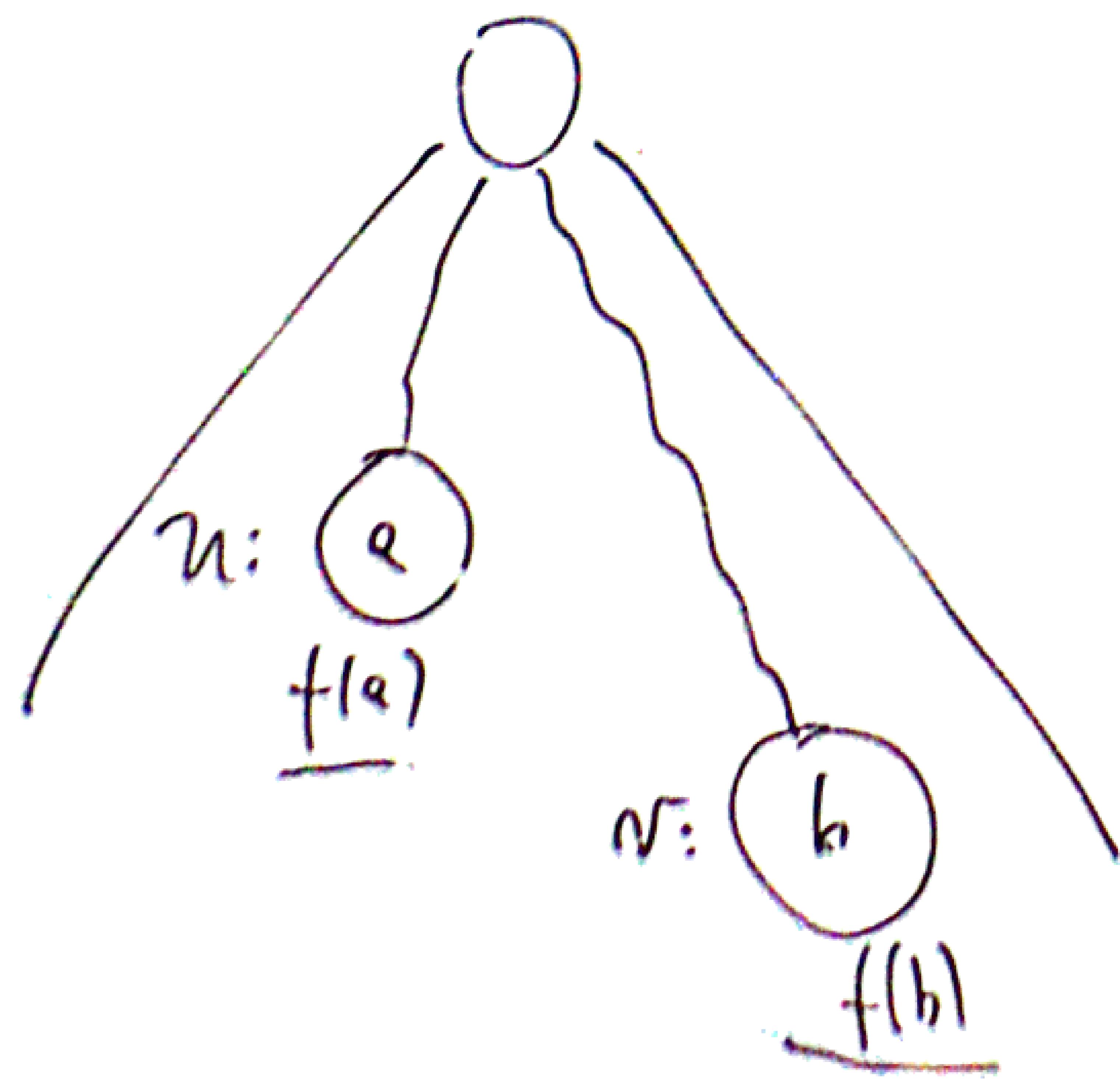
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

$$\underline{f(a) < f(b)}$$

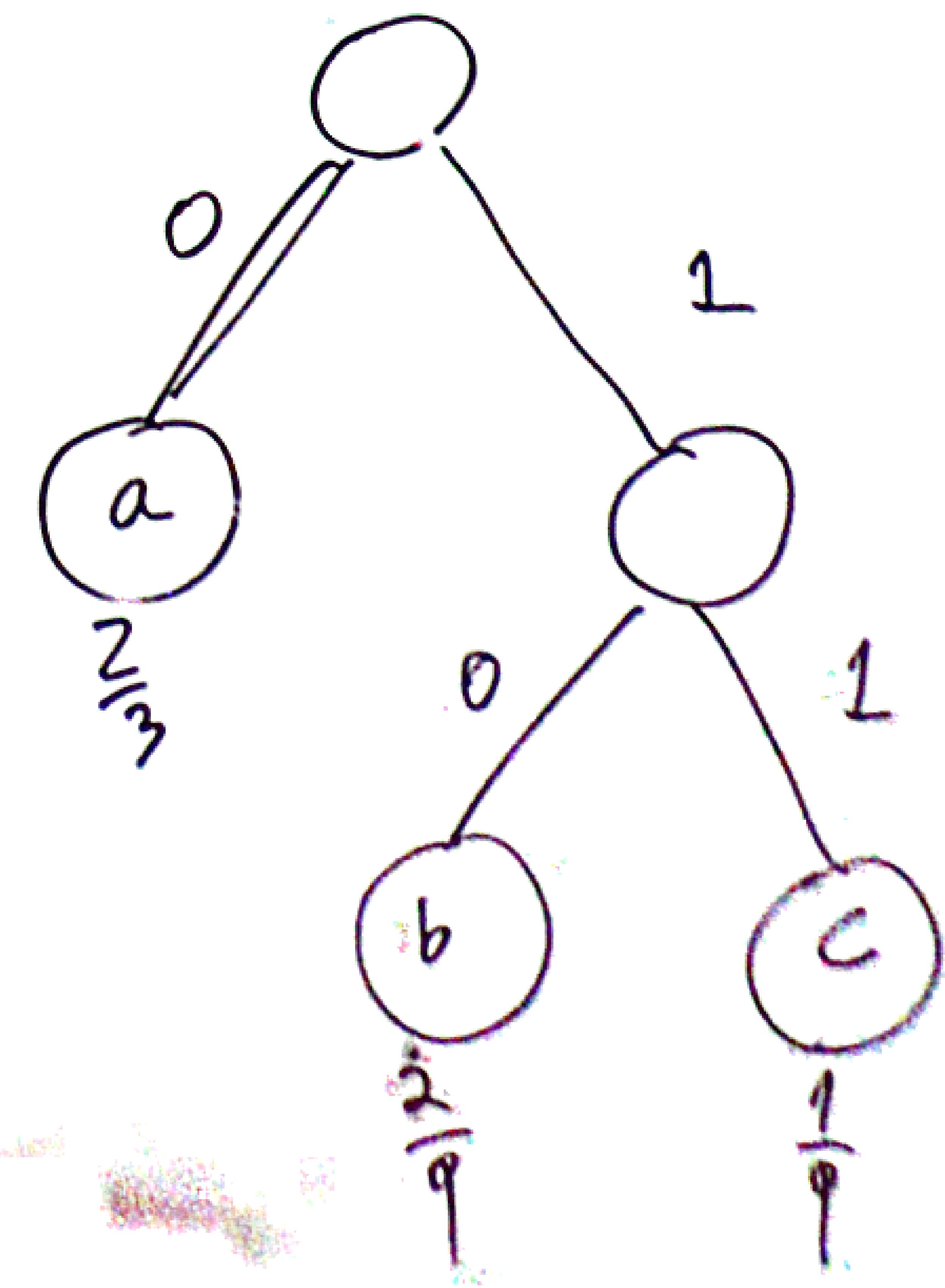
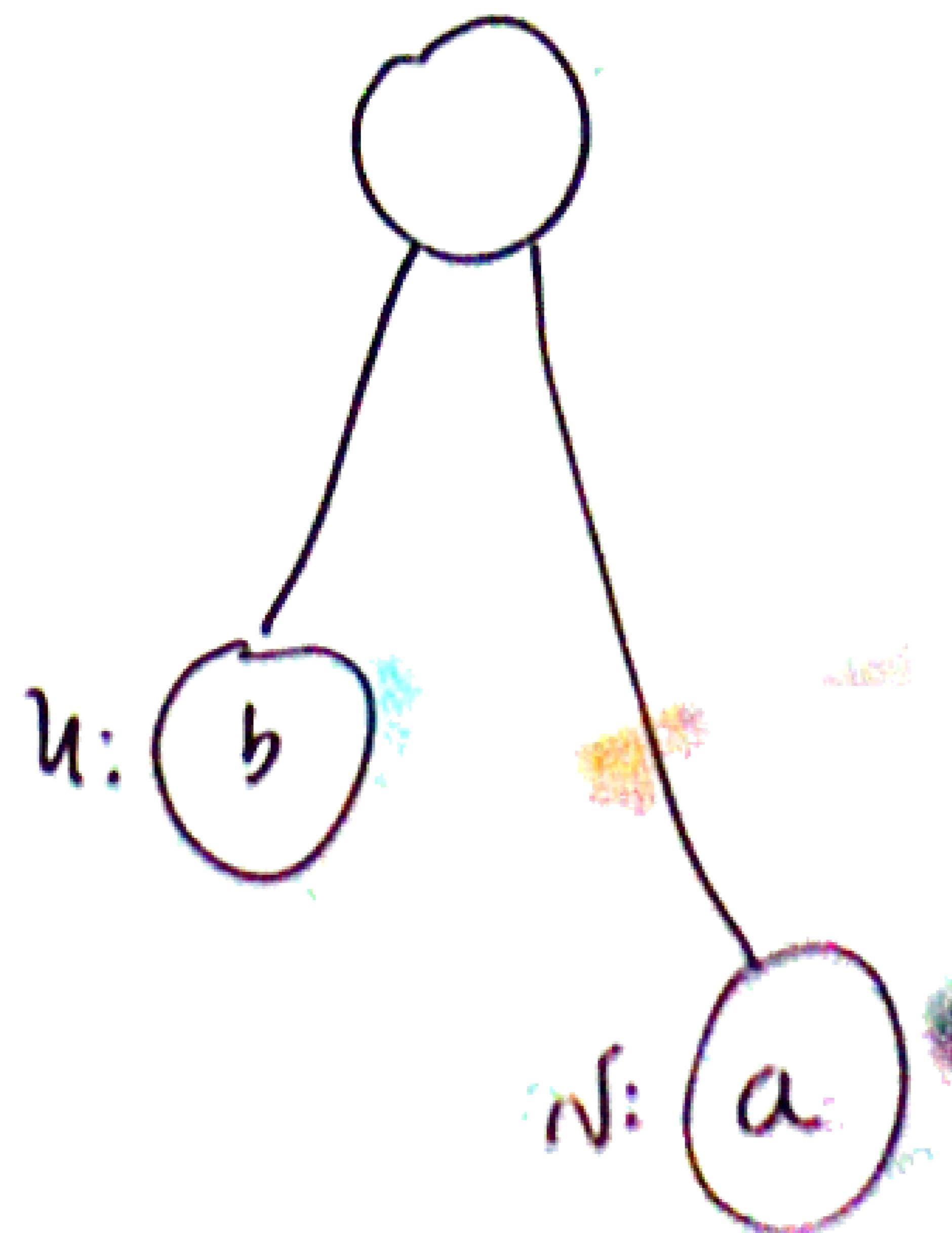


$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lip_f(\tau)$

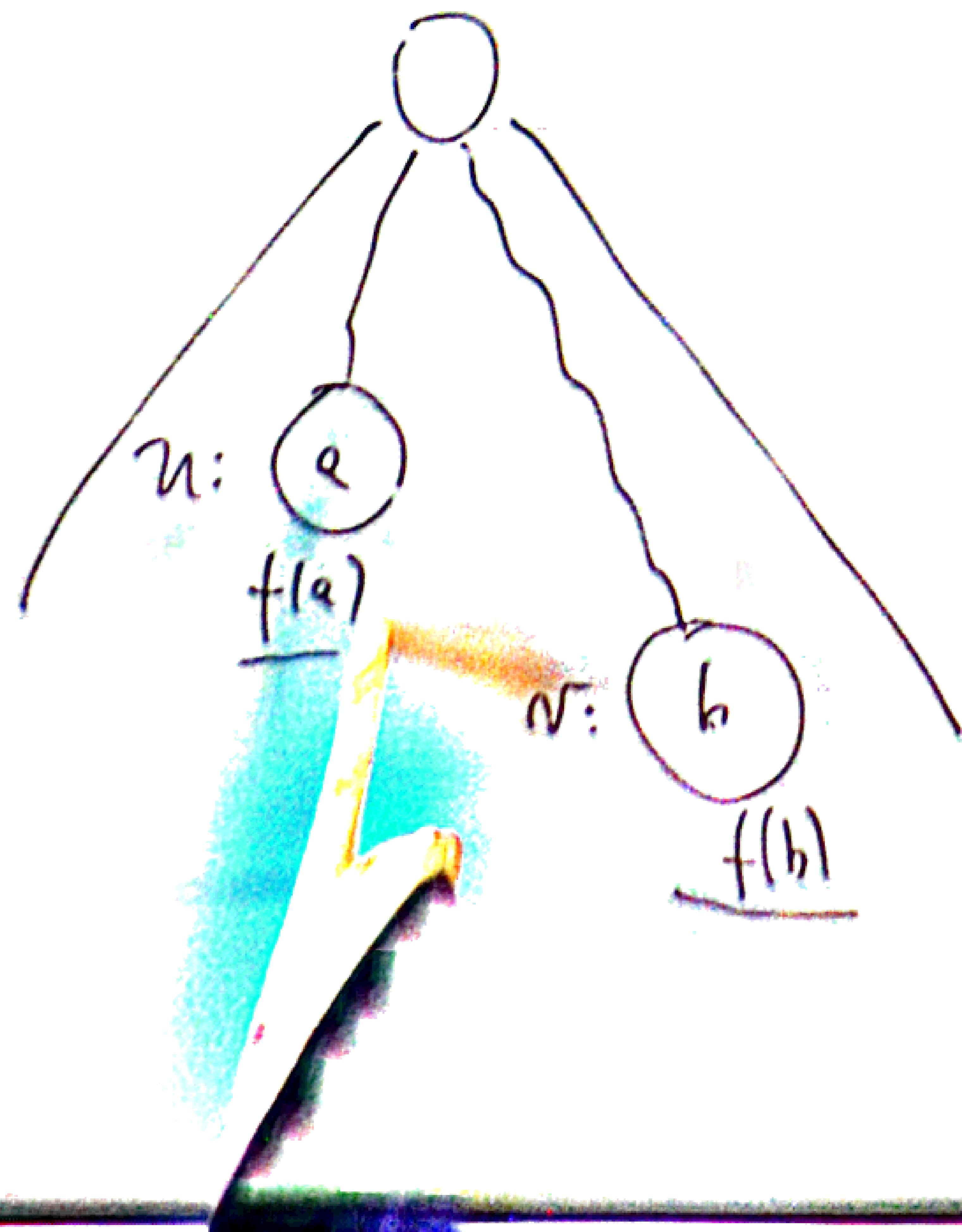


$$\underline{f(a) < f(b)}$$

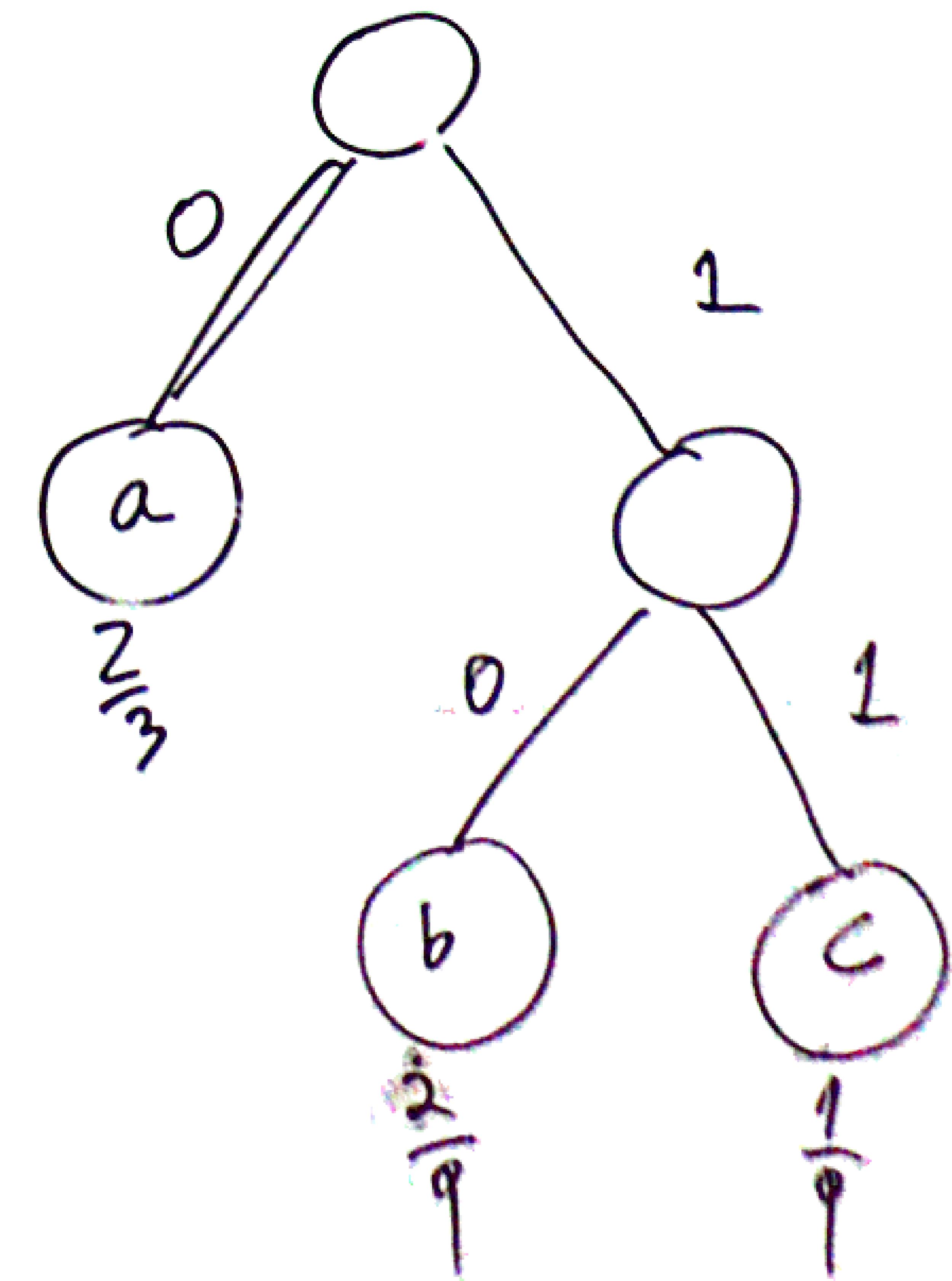
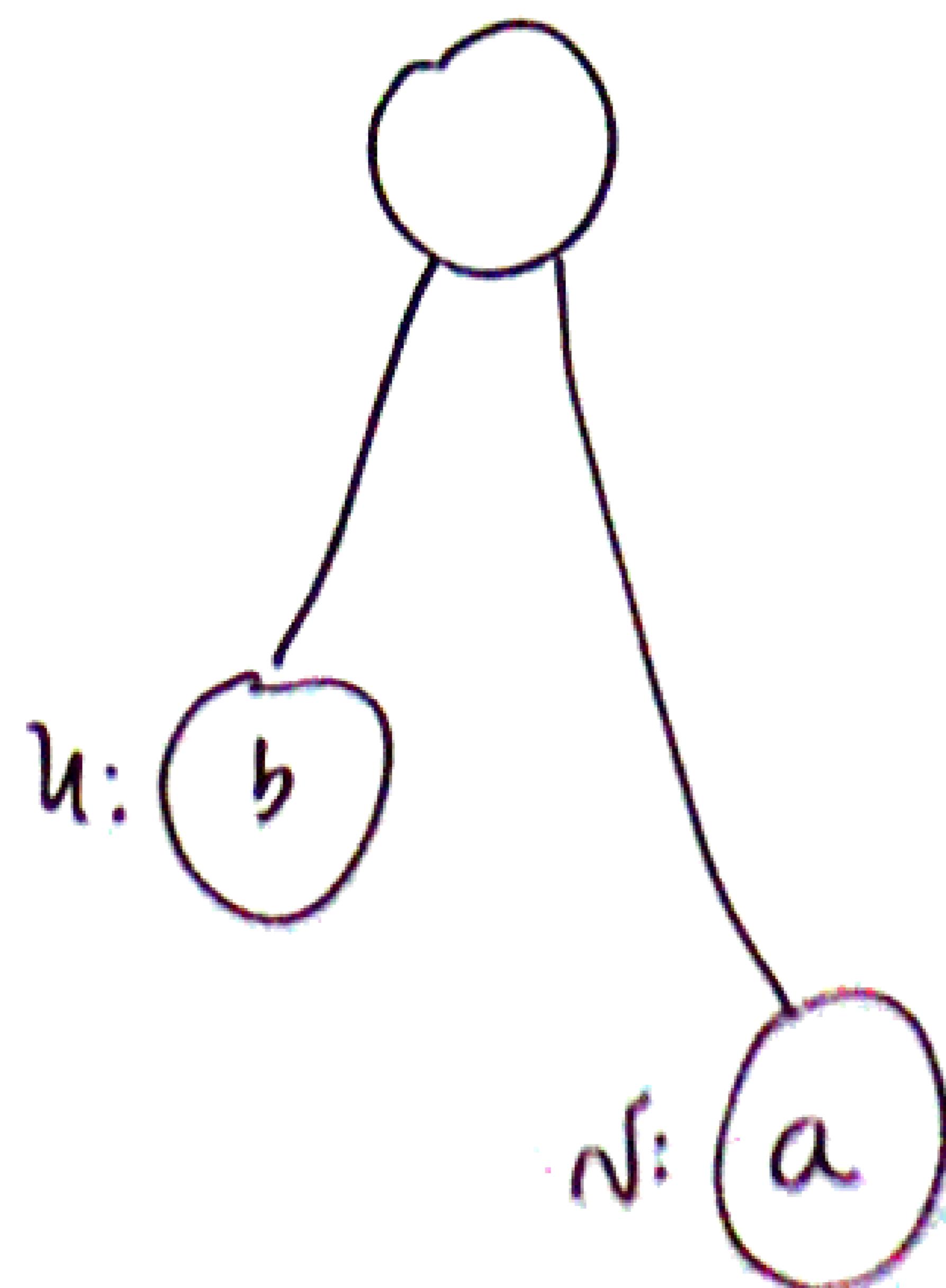


$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $\text{lip}_f(\tau)$

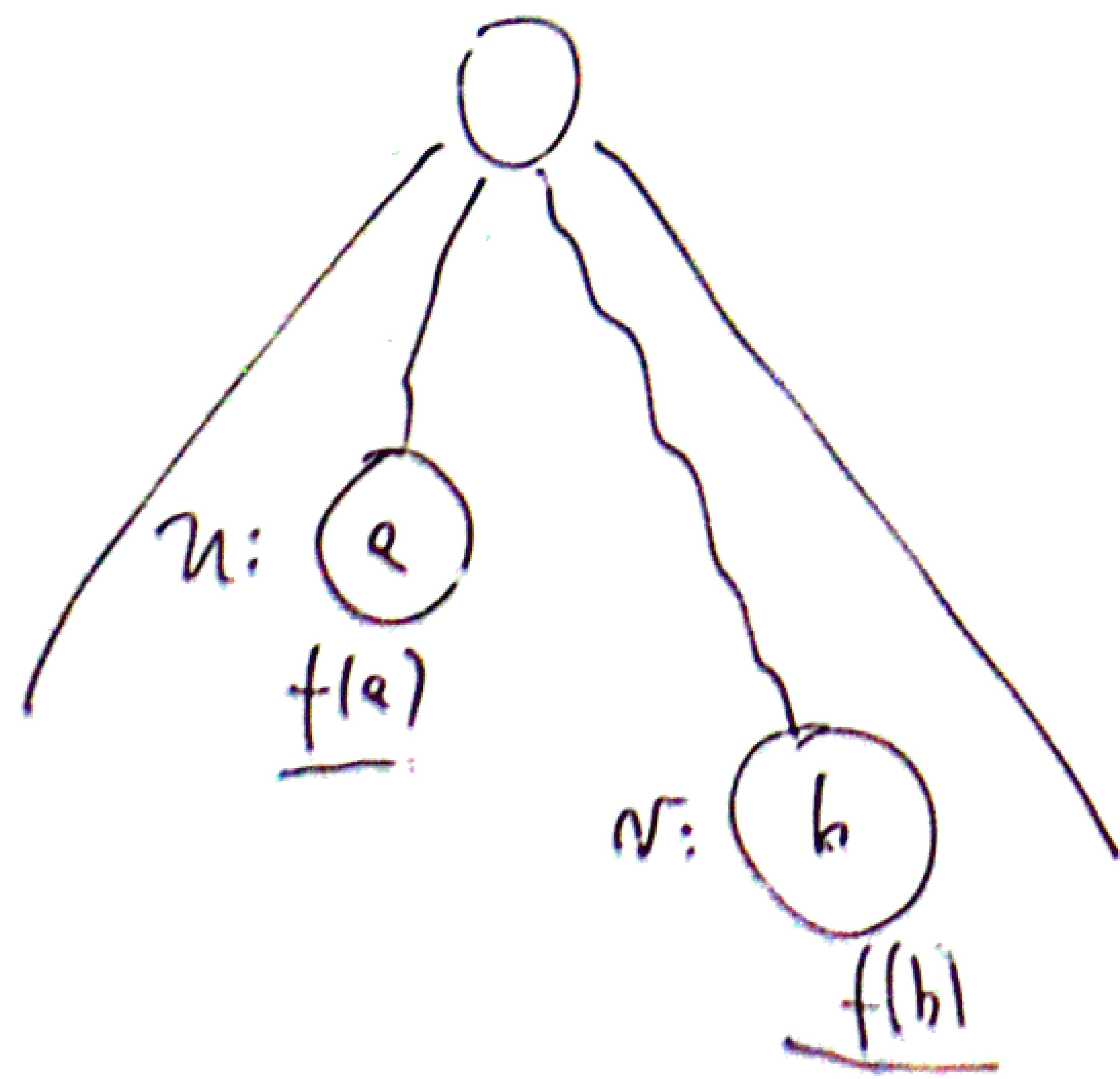


$$f(a) < f(b)$$

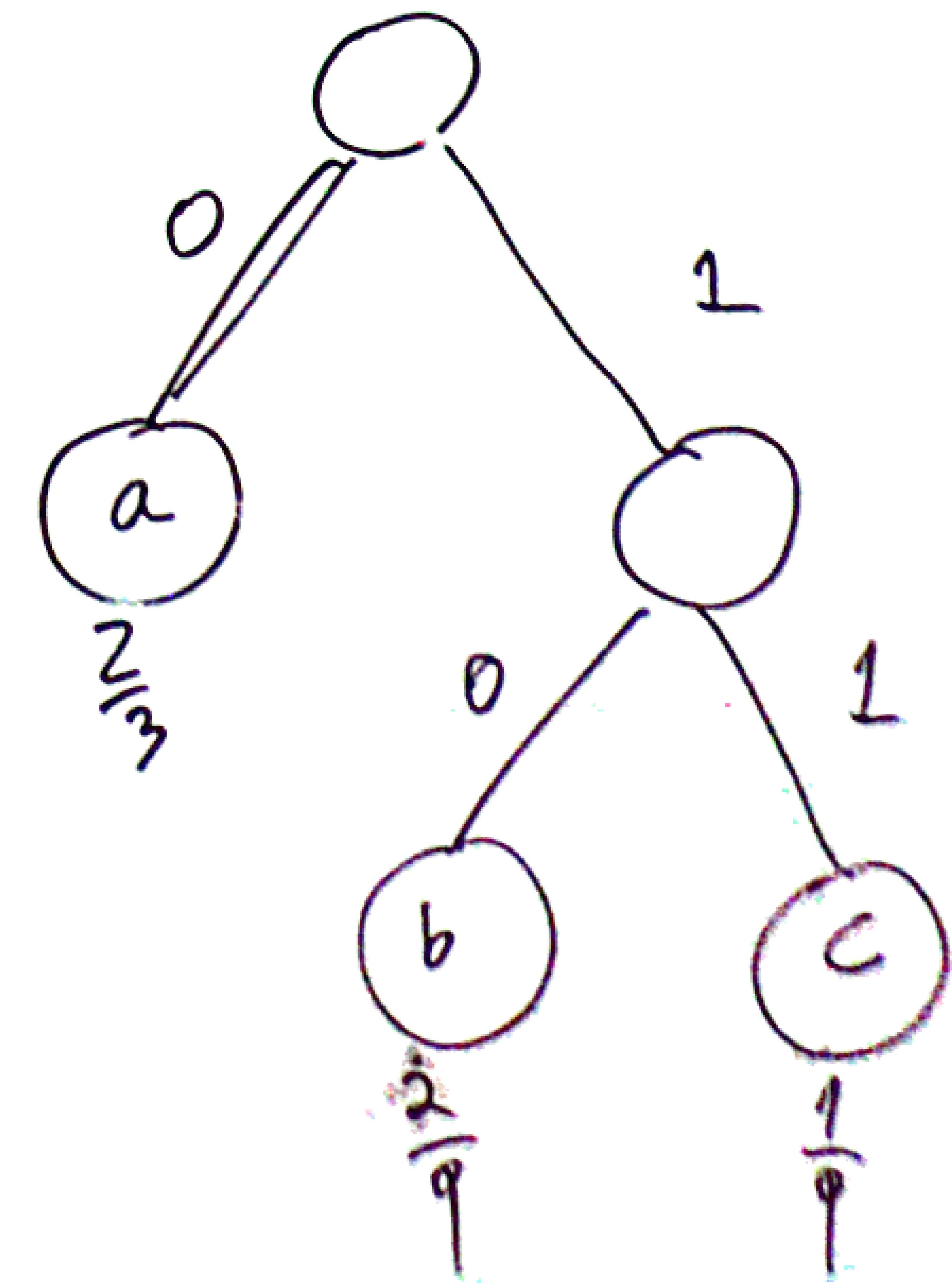
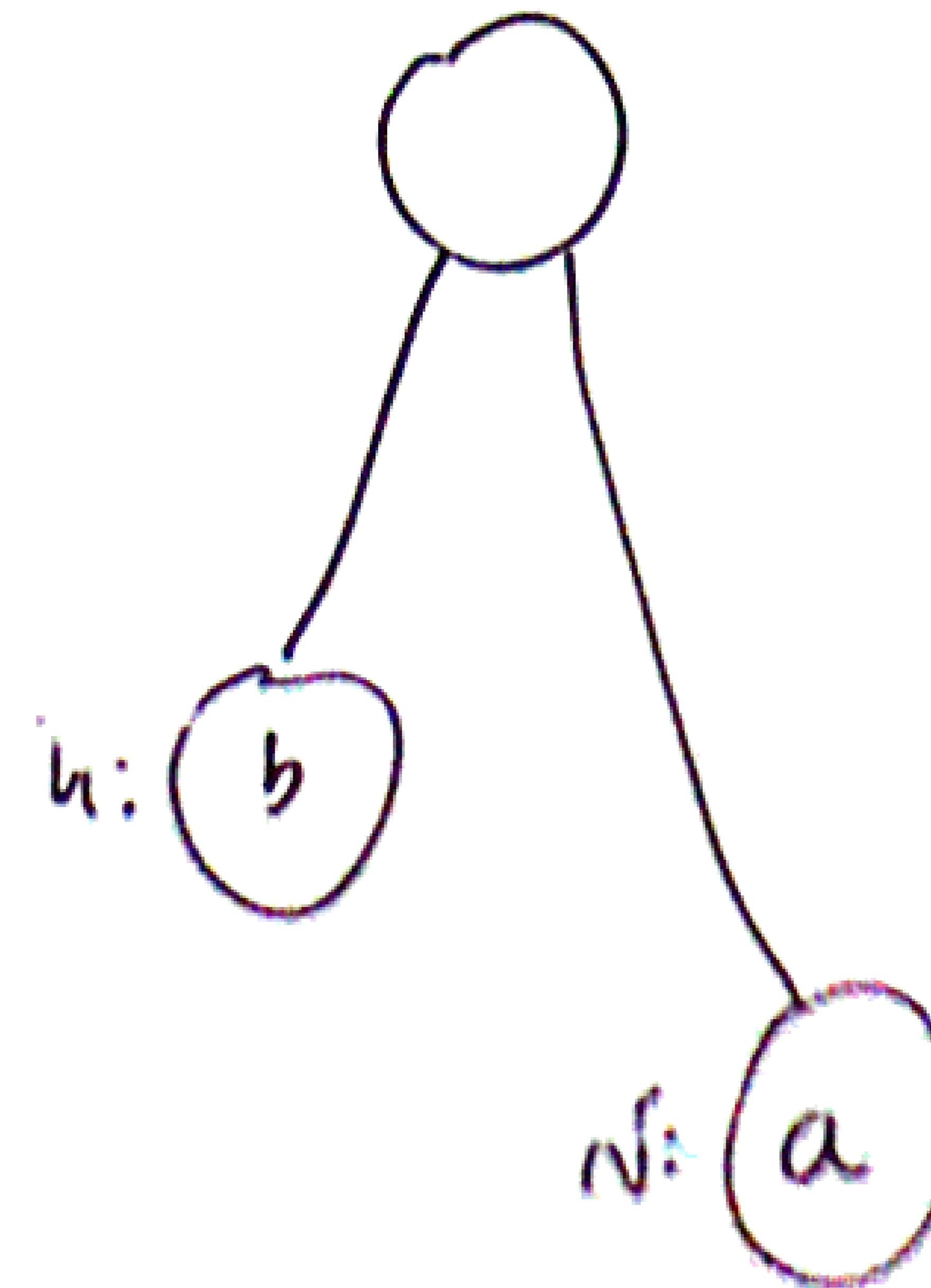


$f: \Sigma \rightarrow \{0, 1\}$

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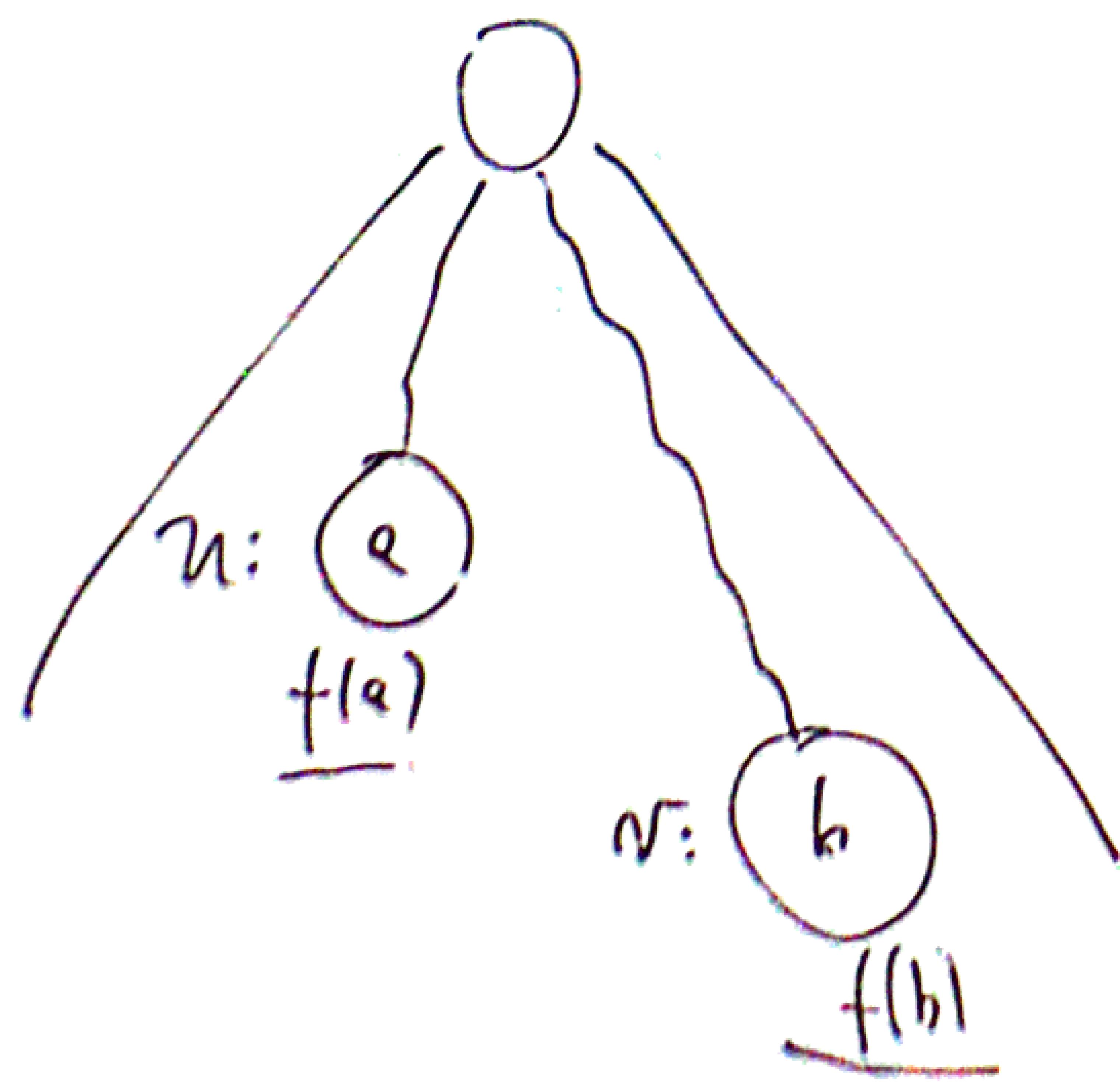


$$f(a) < f(b)$$

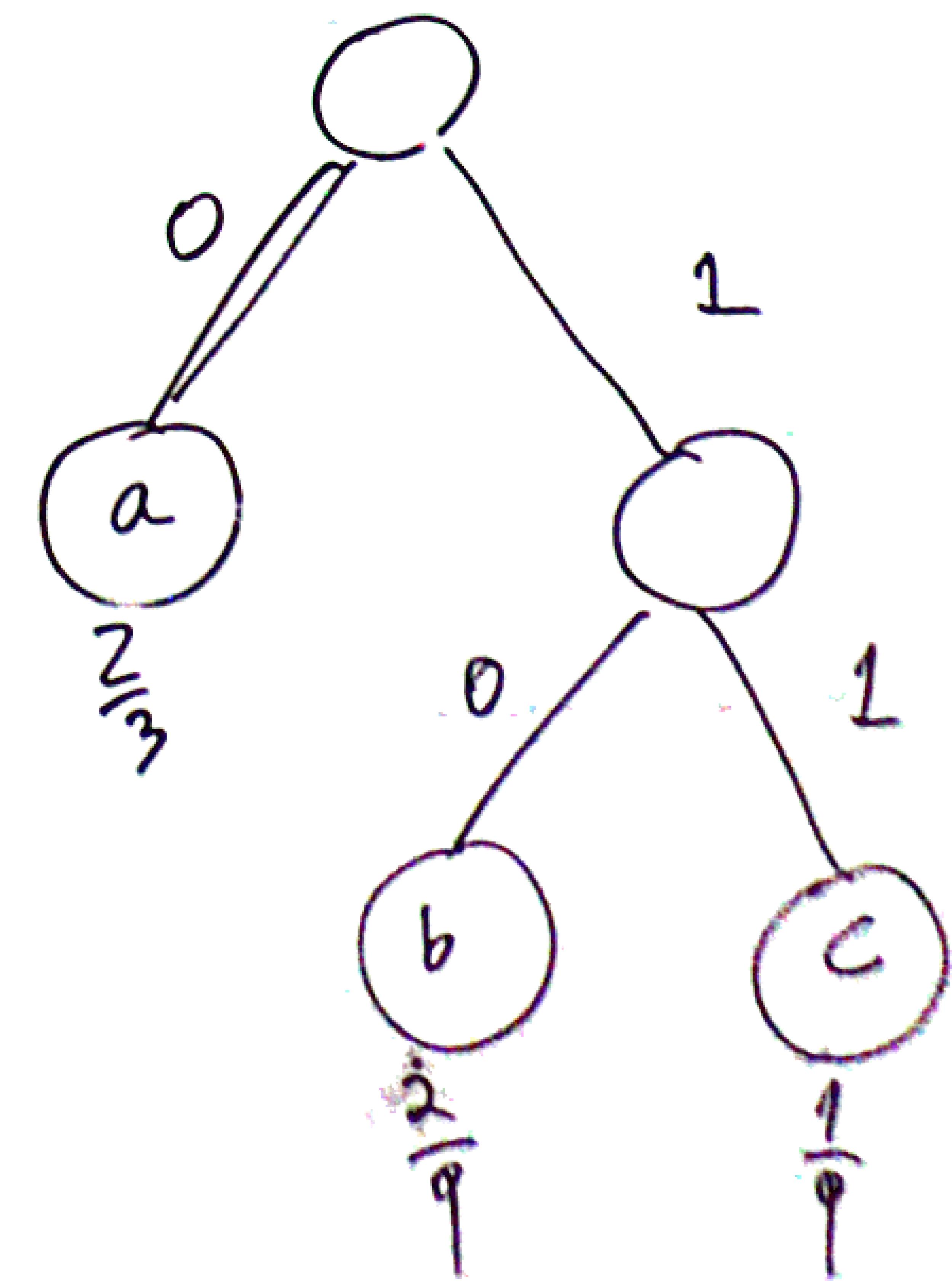
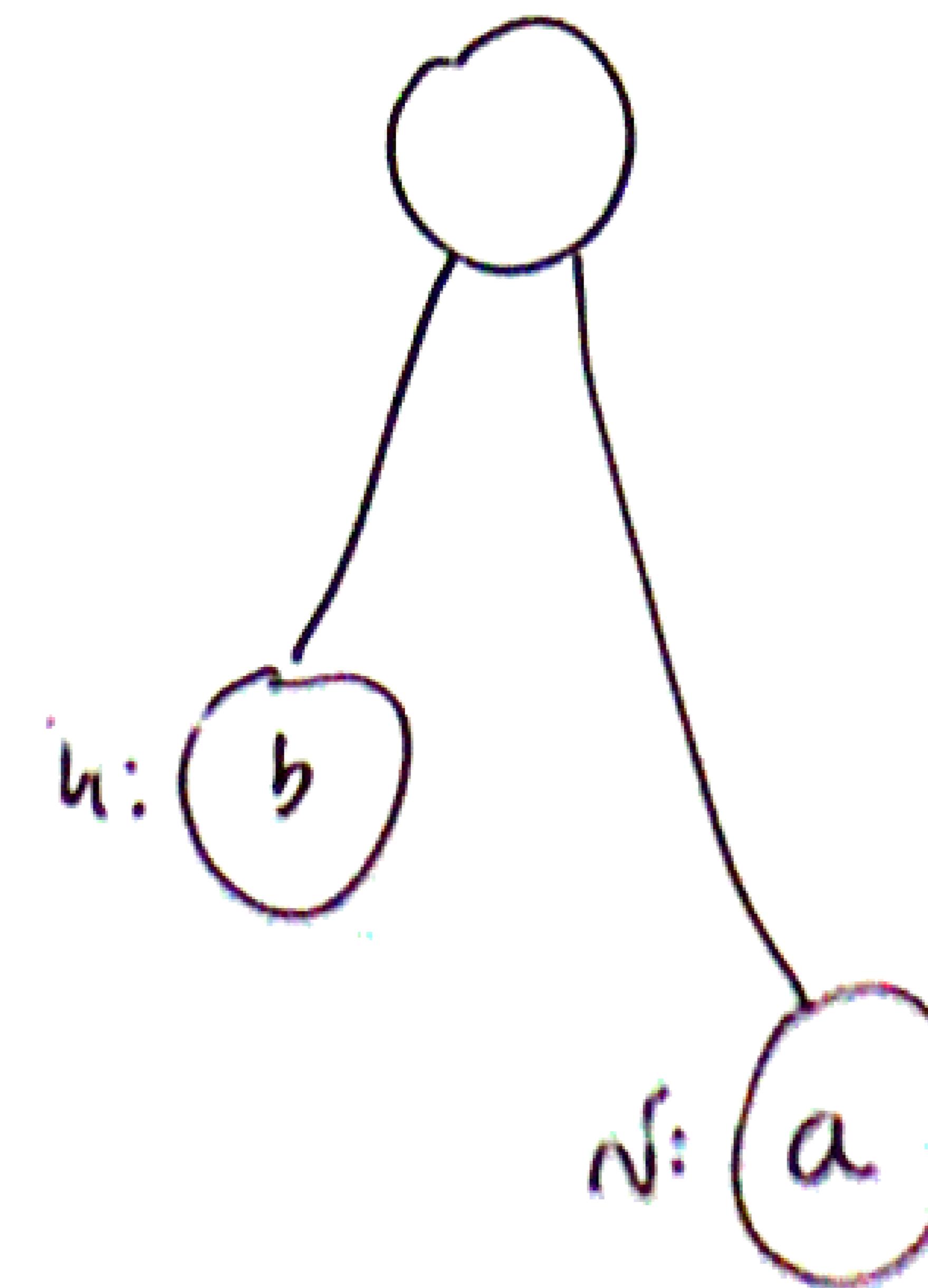


$f: \Sigma \rightarrow \{0, 1\}$

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$$f(a) < f(b)$$

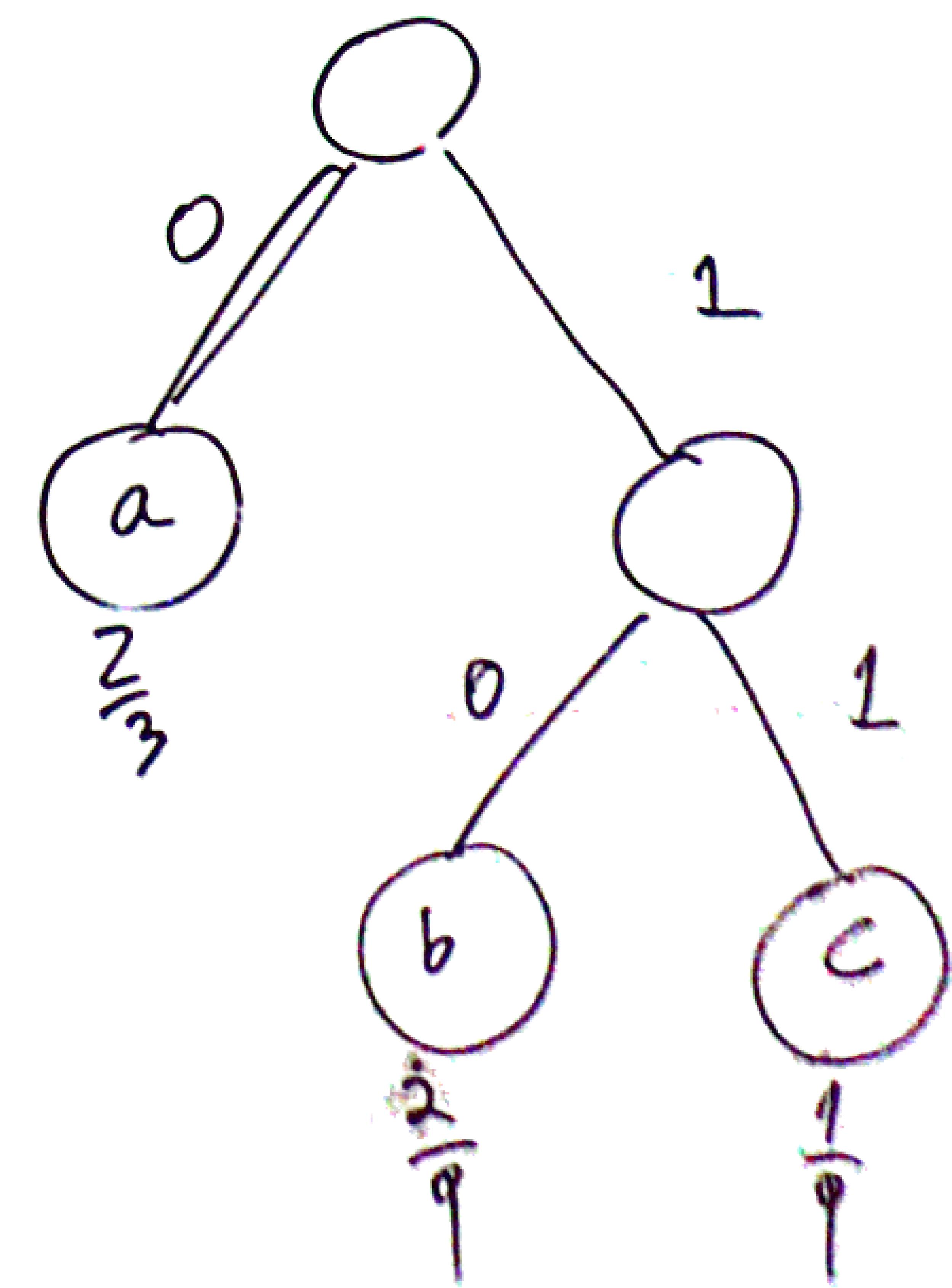
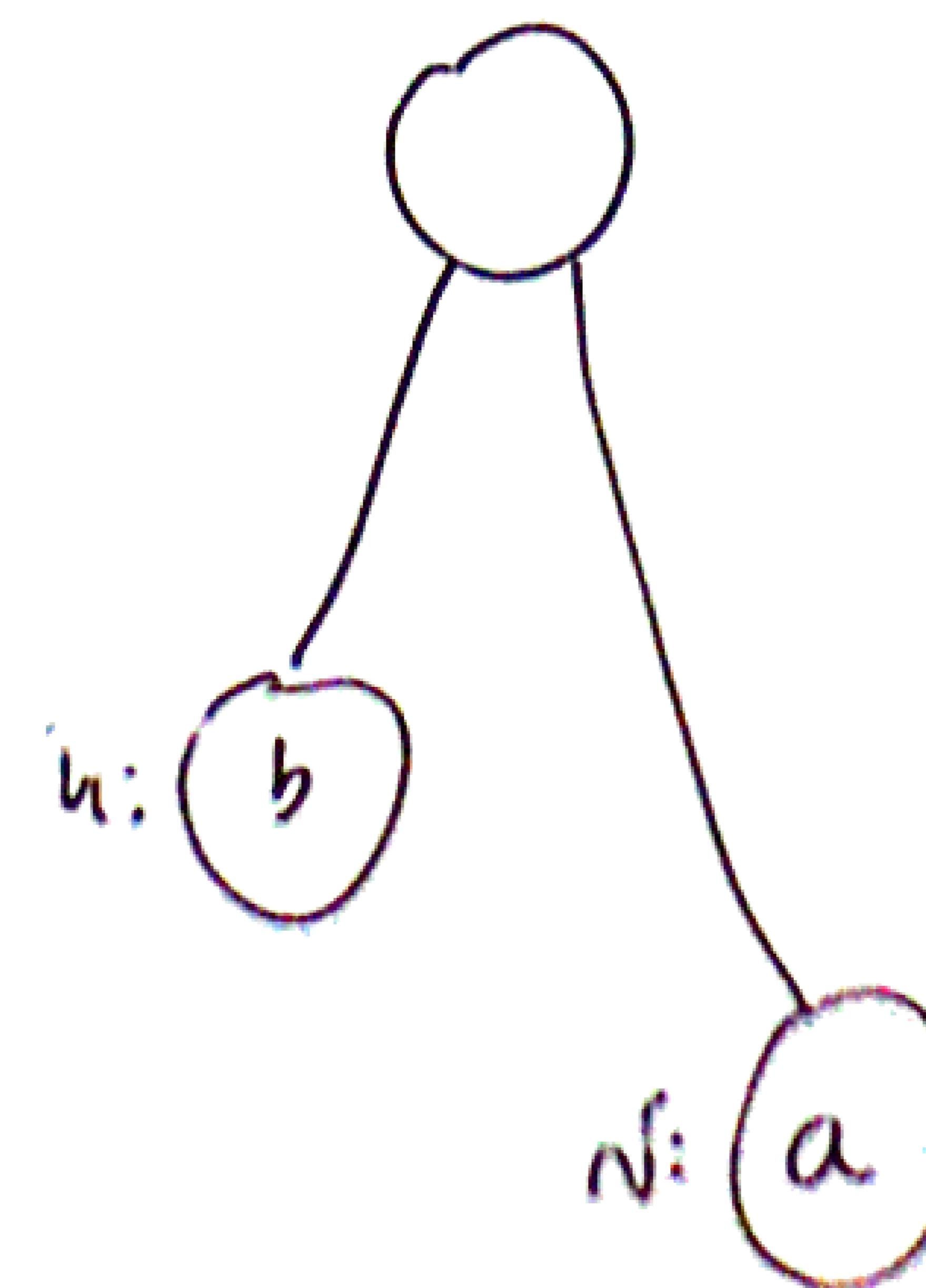


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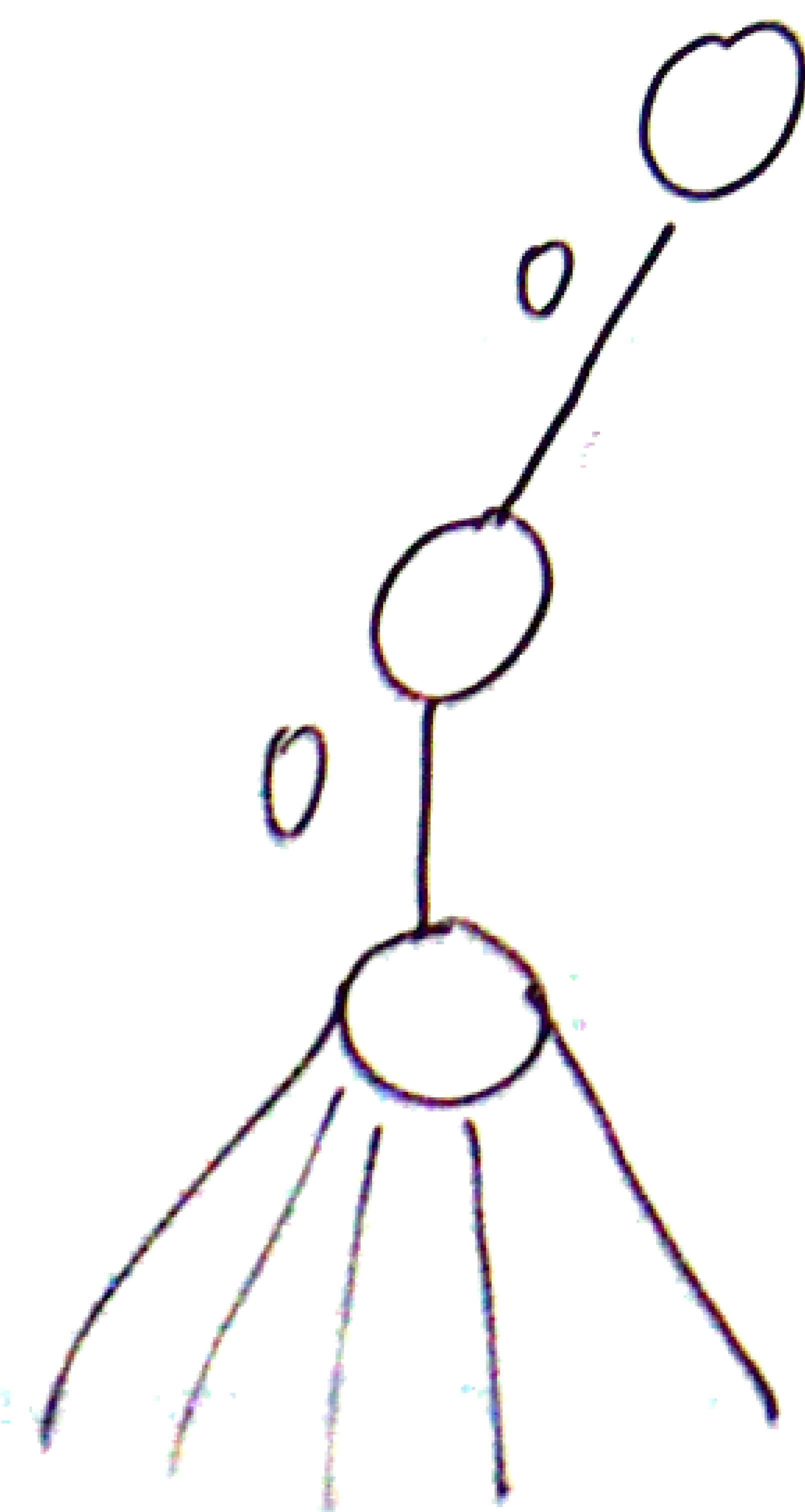


$$\underline{f(a) < f(b)}$$

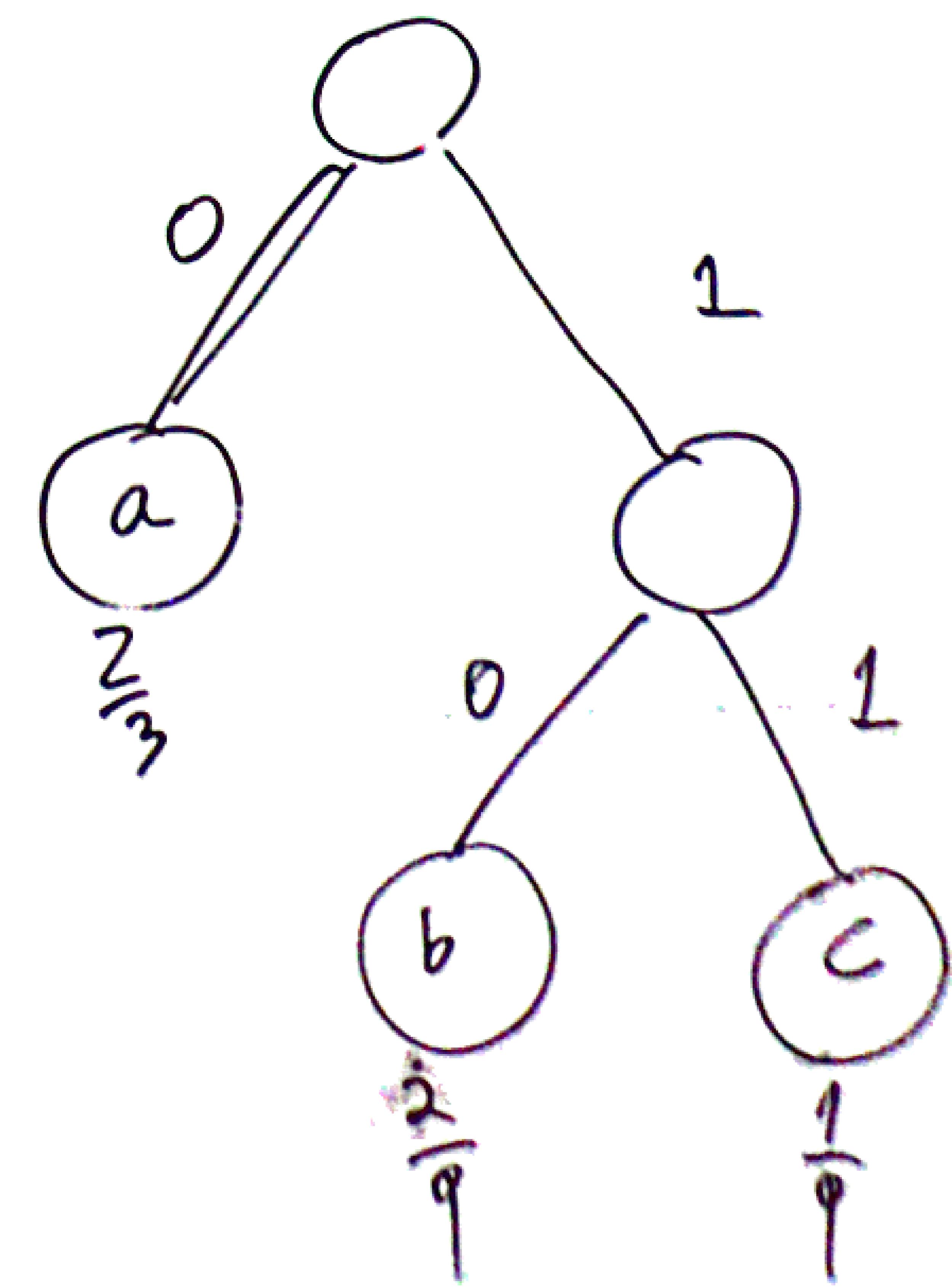
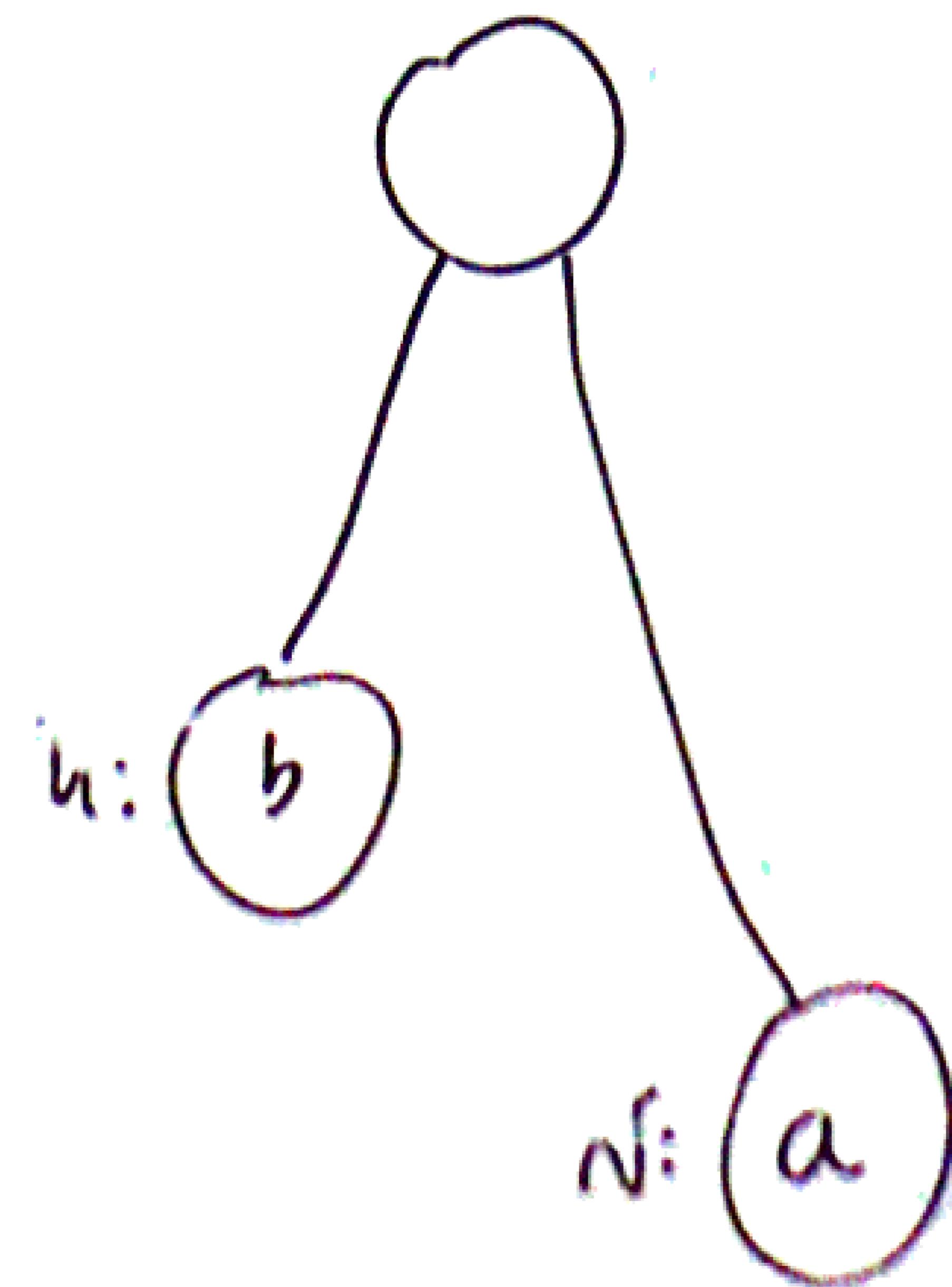


$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$



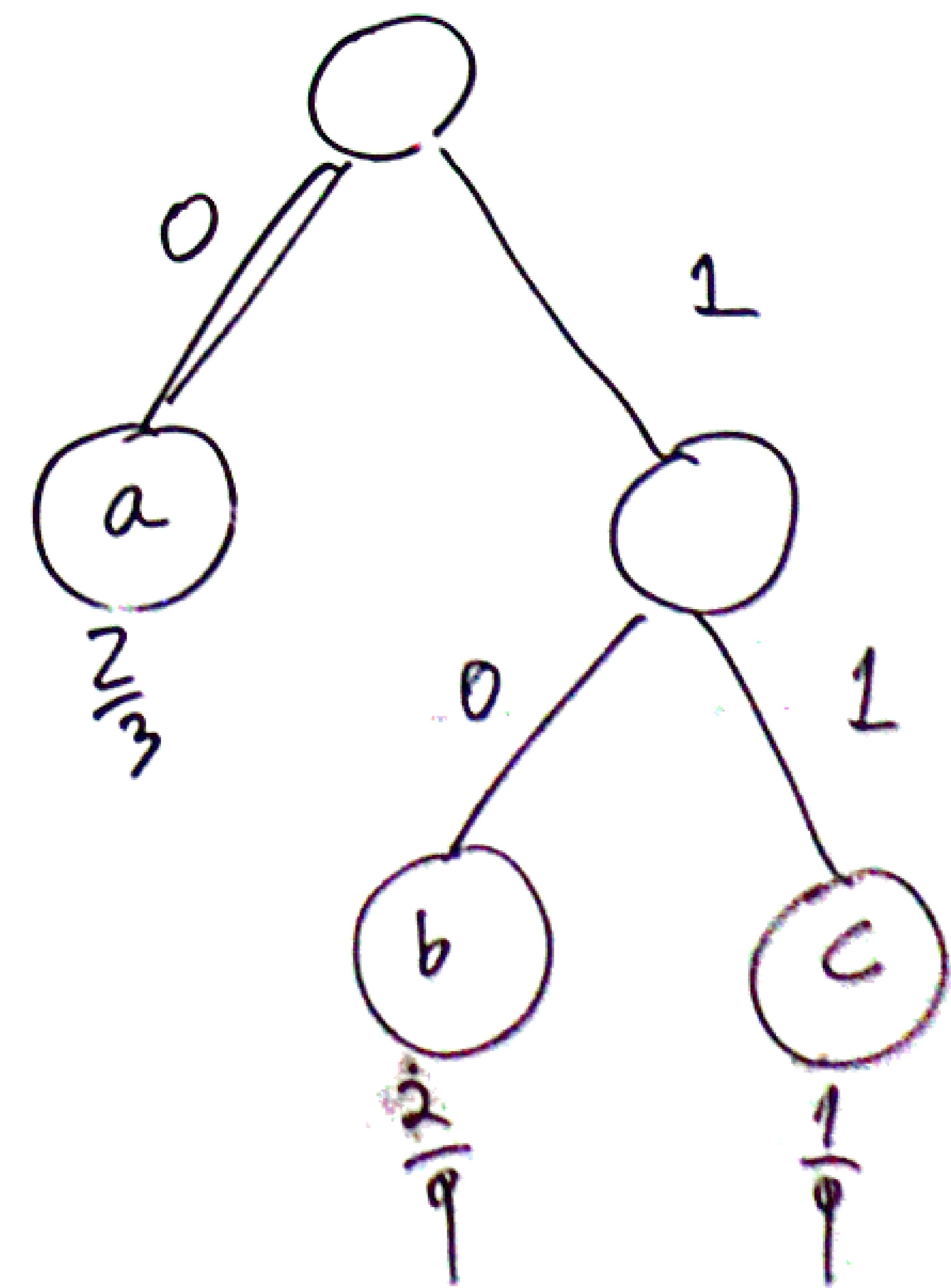
$$\underline{f(a) < f(b)}$$



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$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

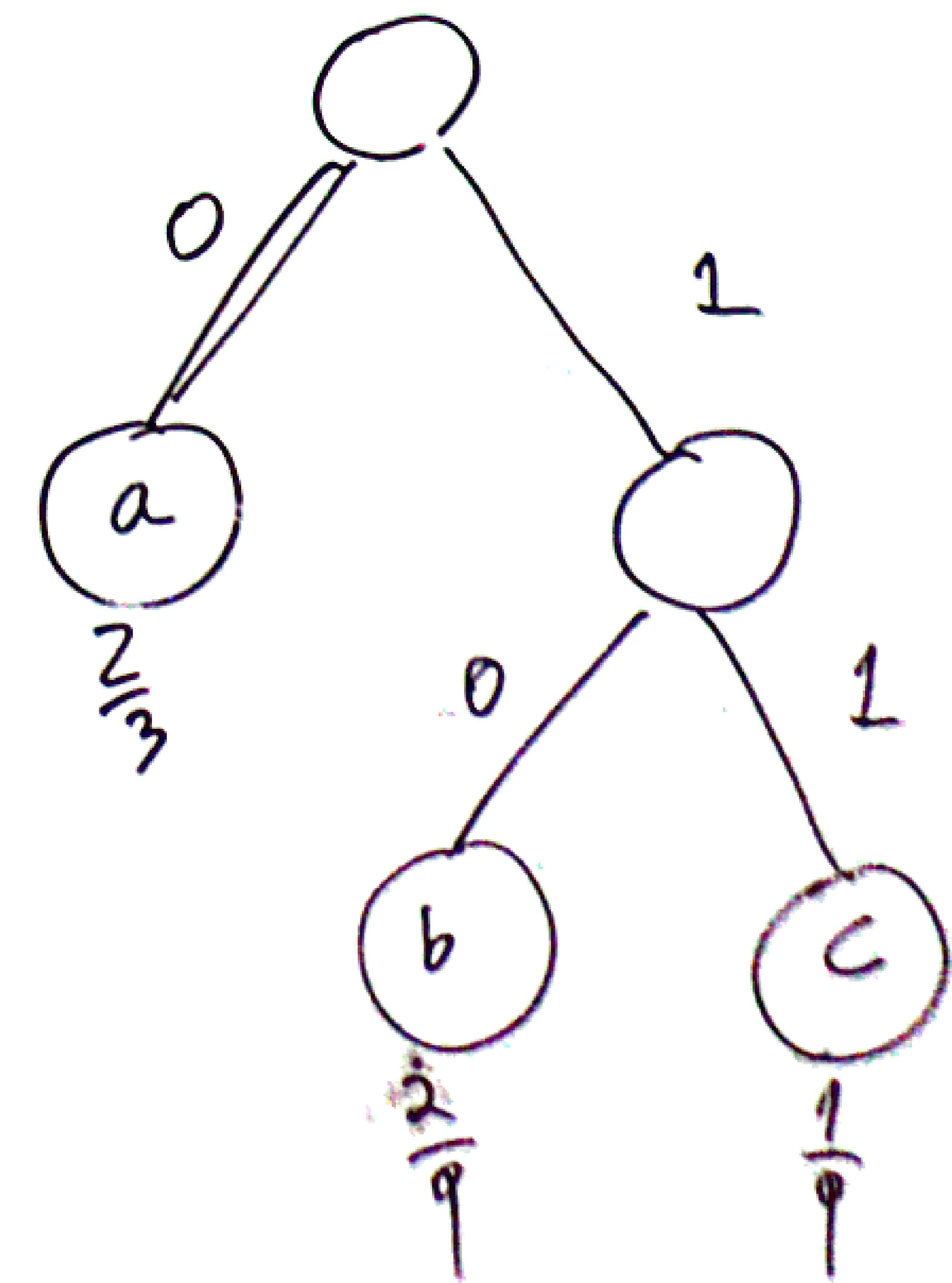
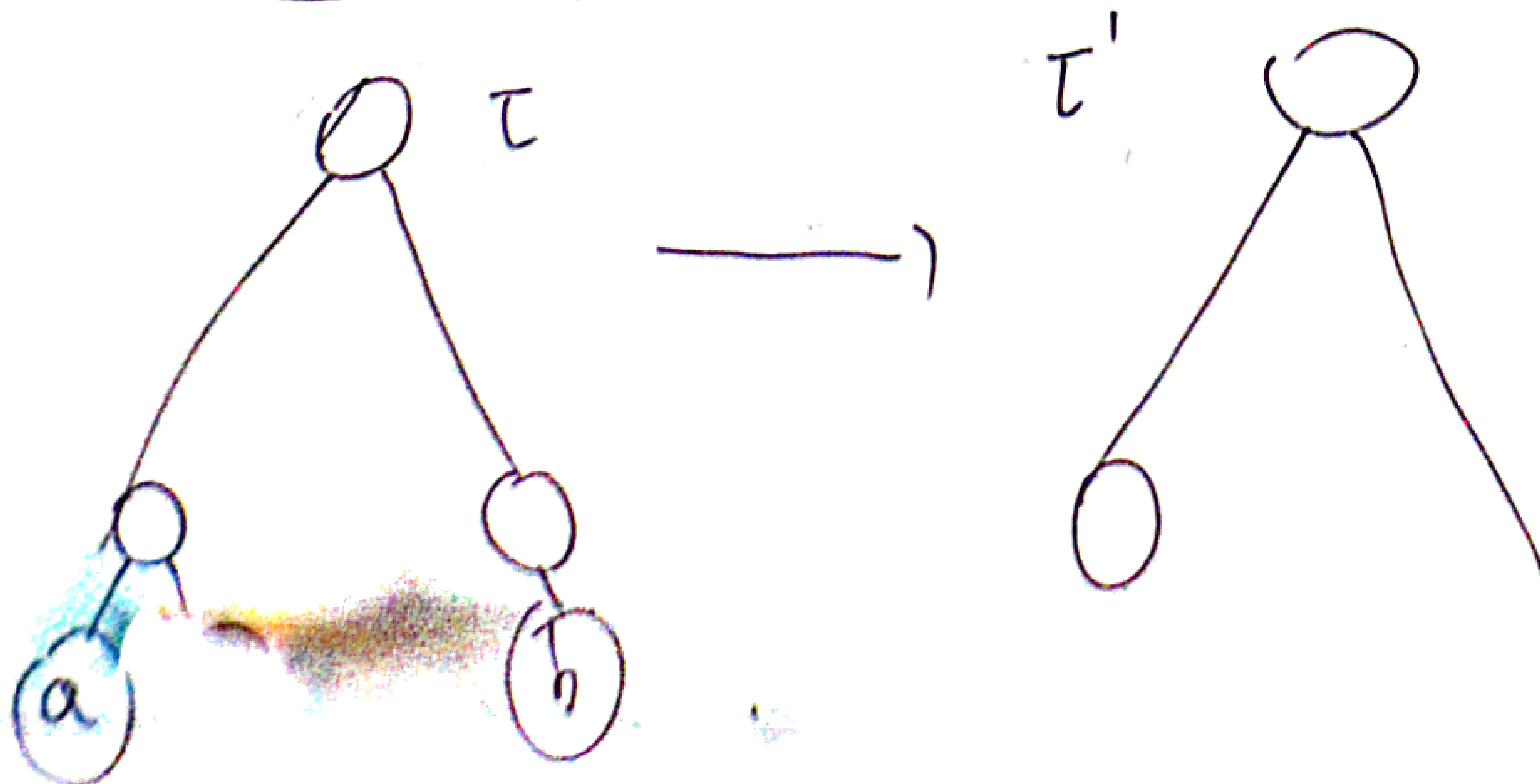
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

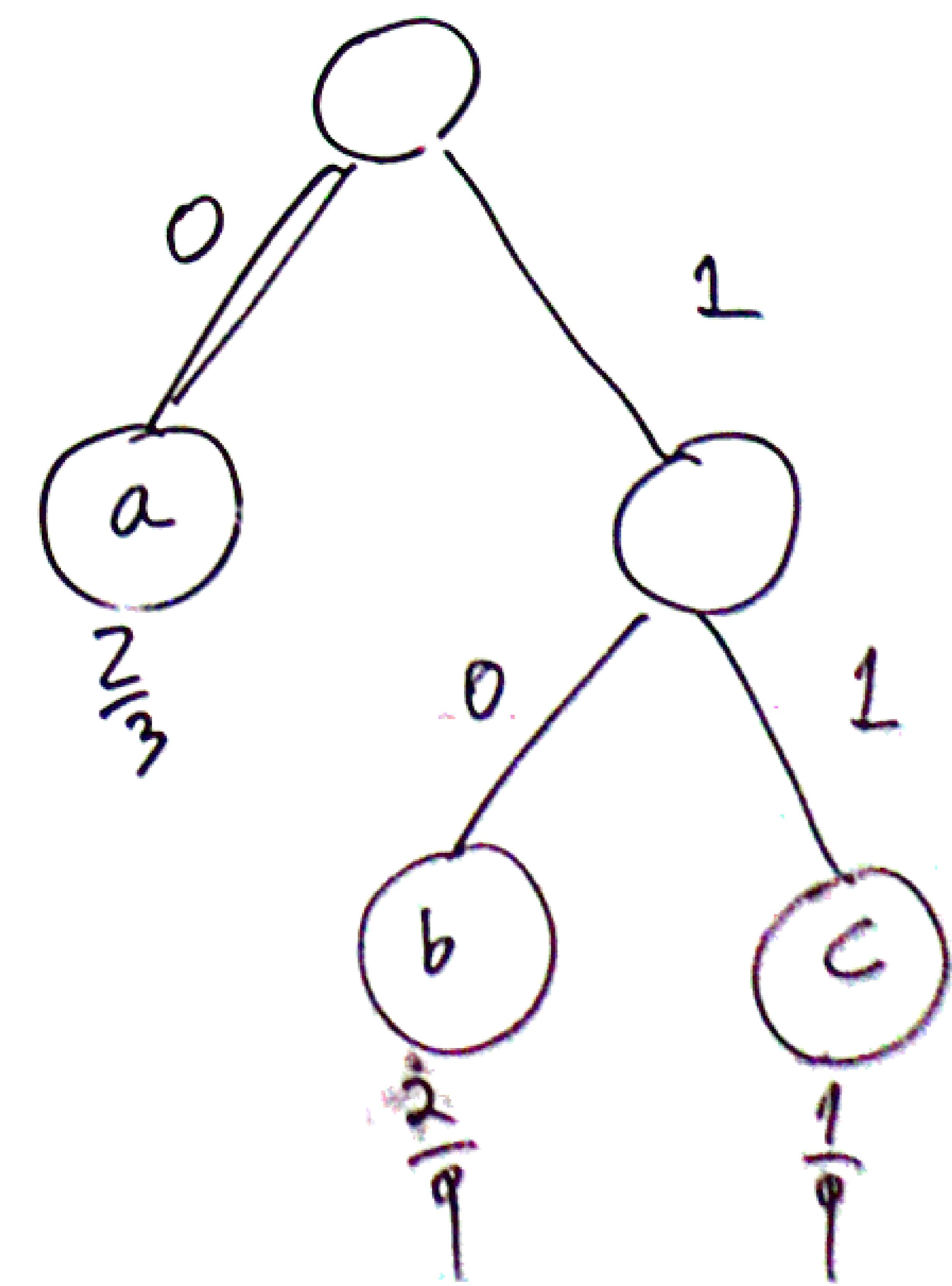
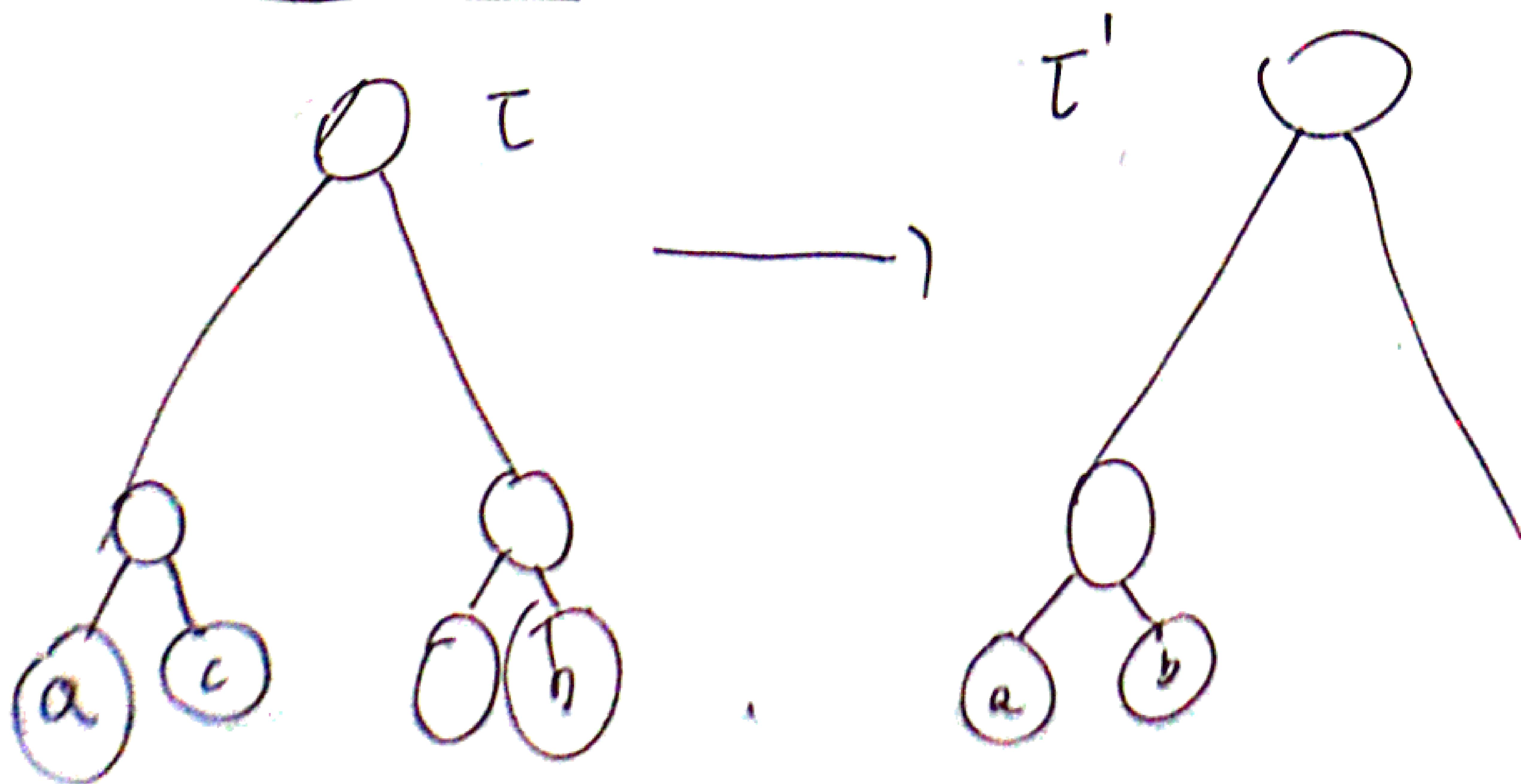


$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

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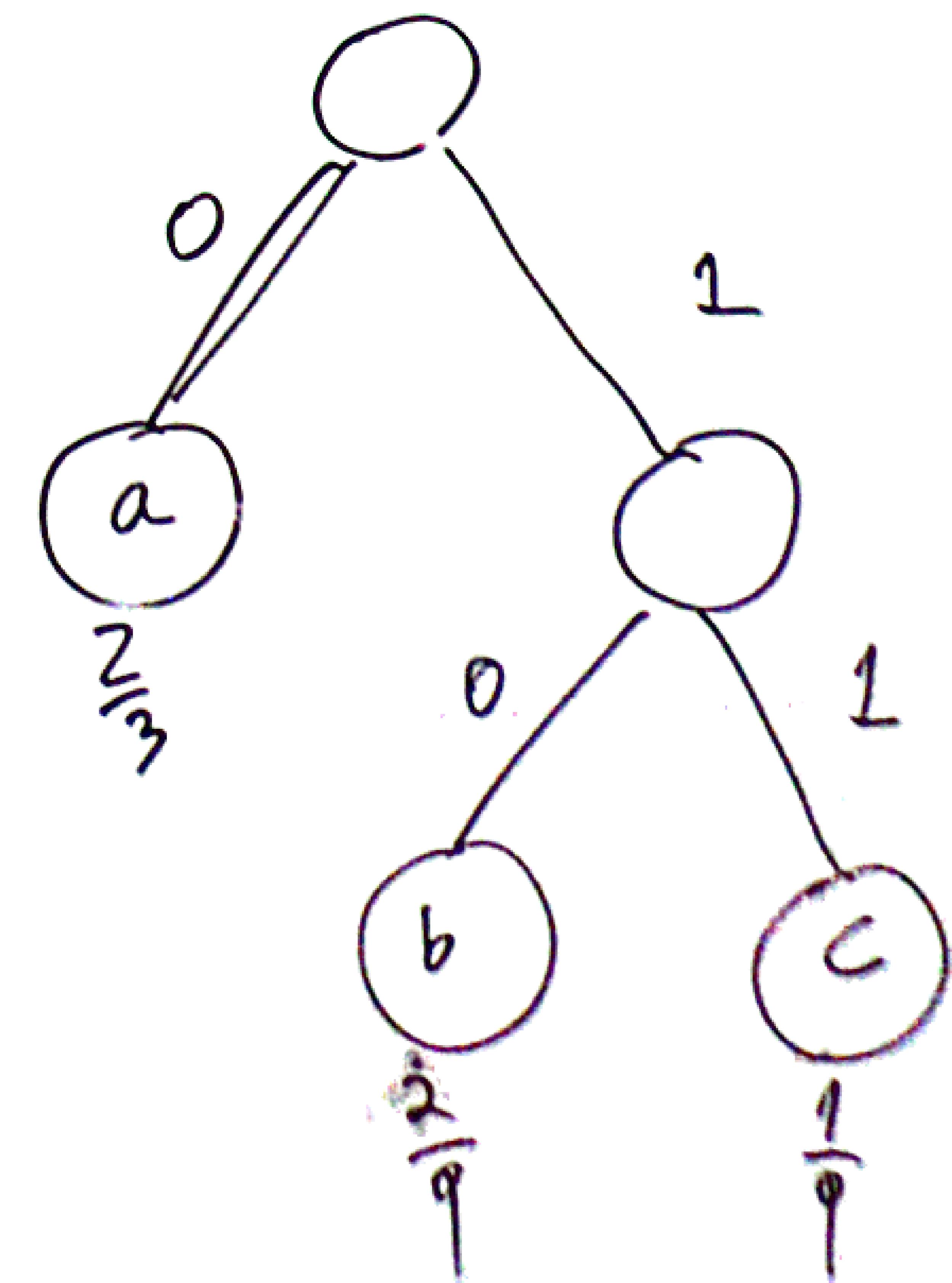
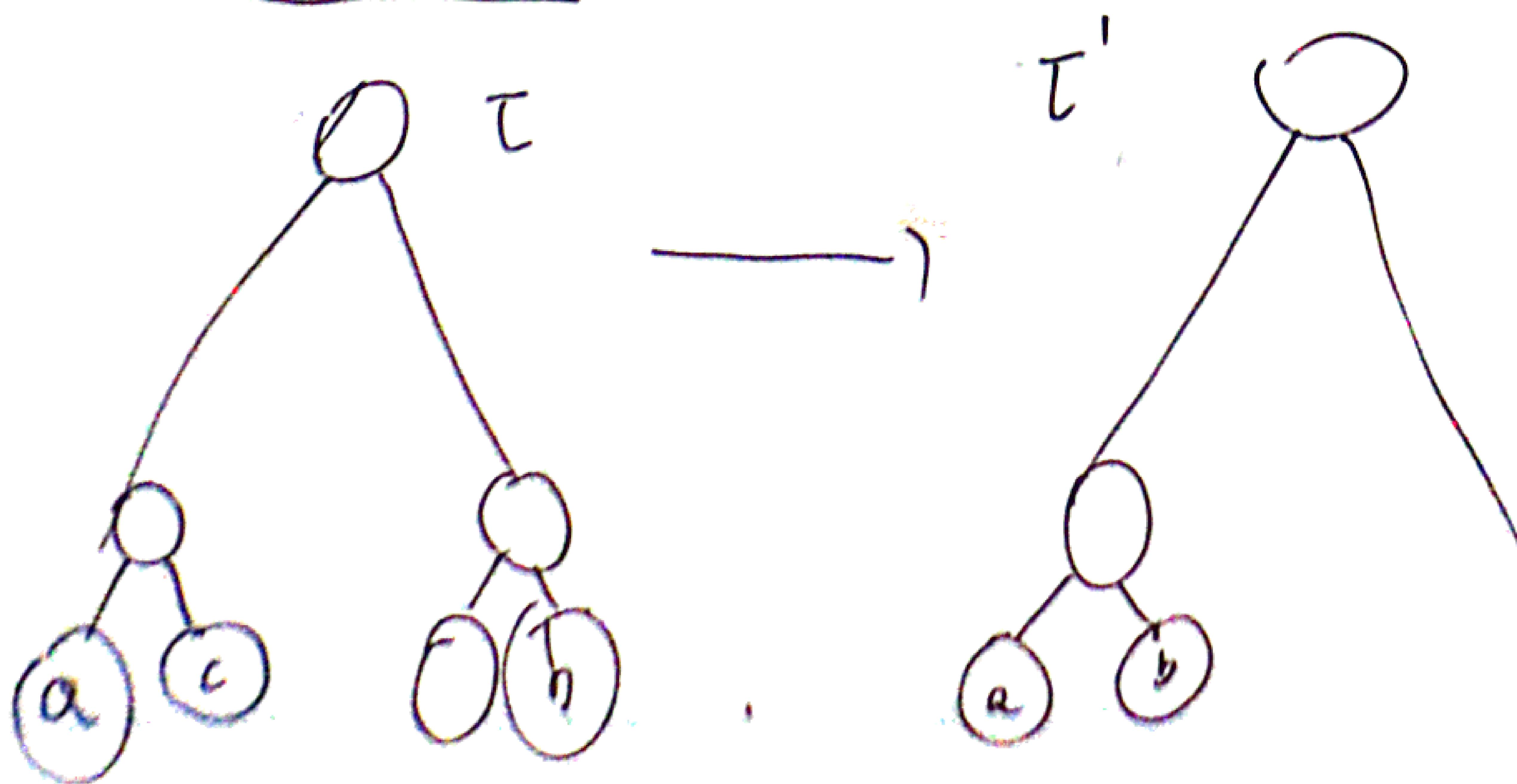


$f: \Sigma \rightarrow \{0, 1\}$ $\tau: \Sigma \rightarrow \{0, 1\}^* \quad \text{lp}_f(\tau)$ $f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$ 

$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

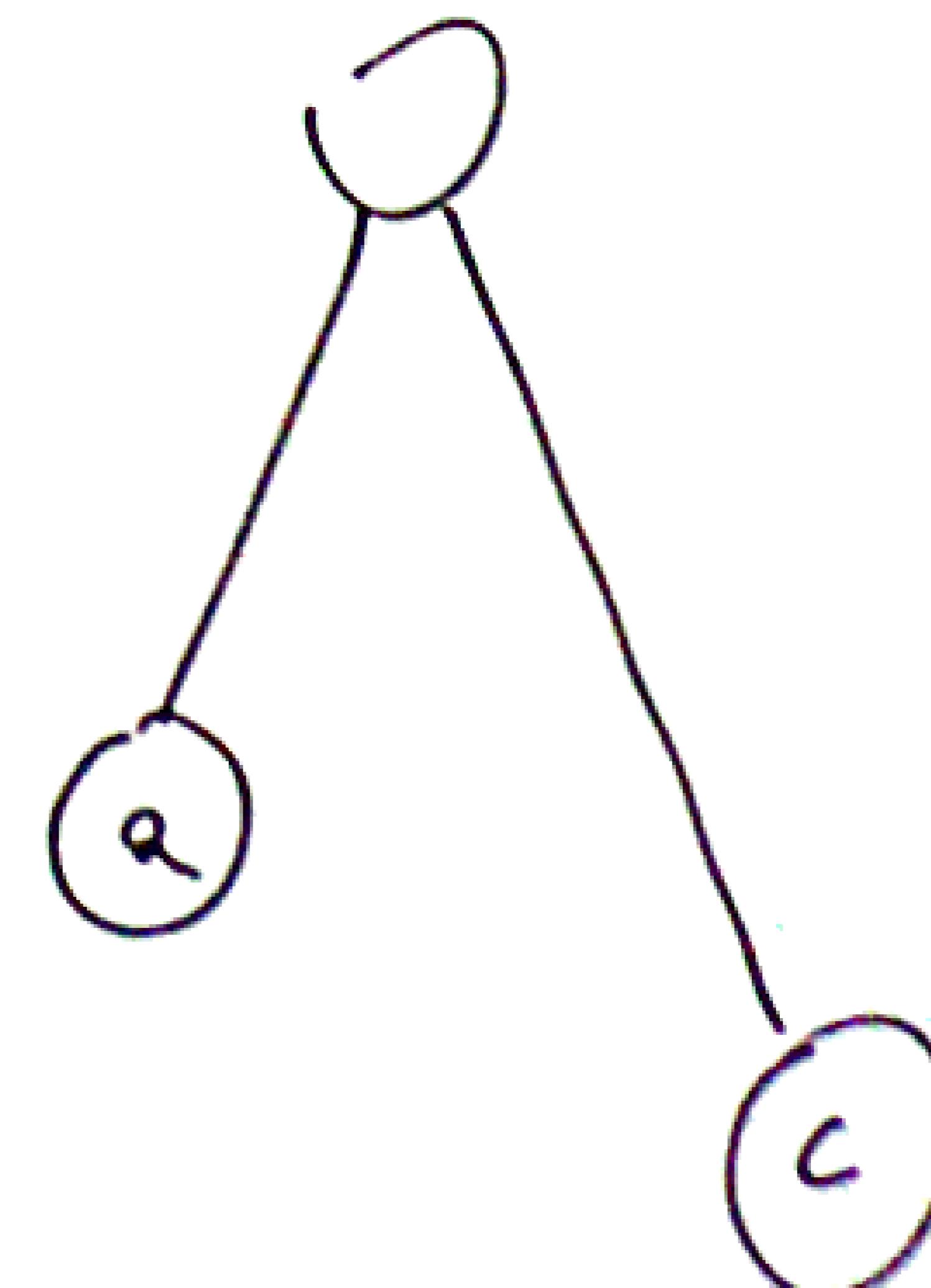
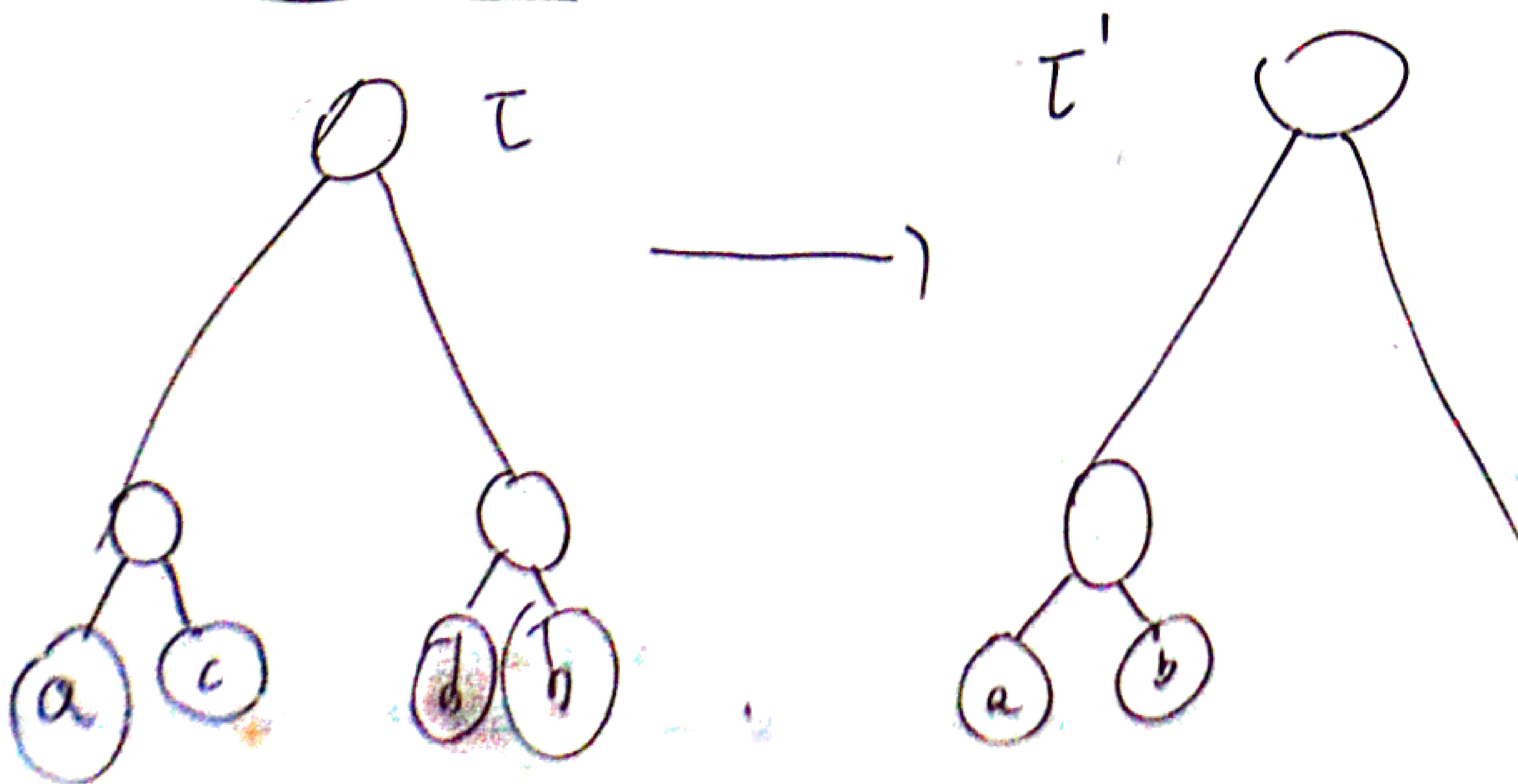
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$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

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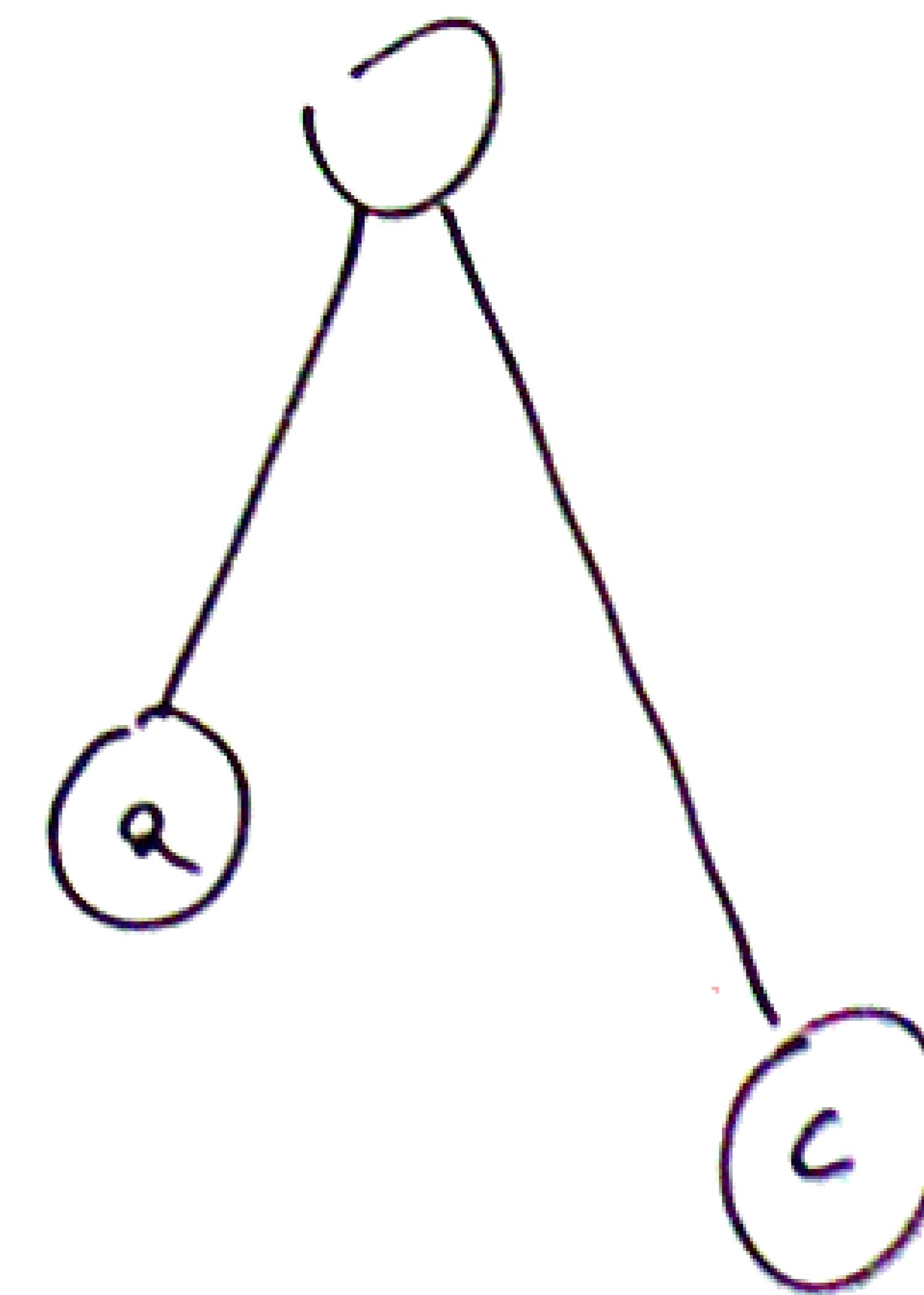
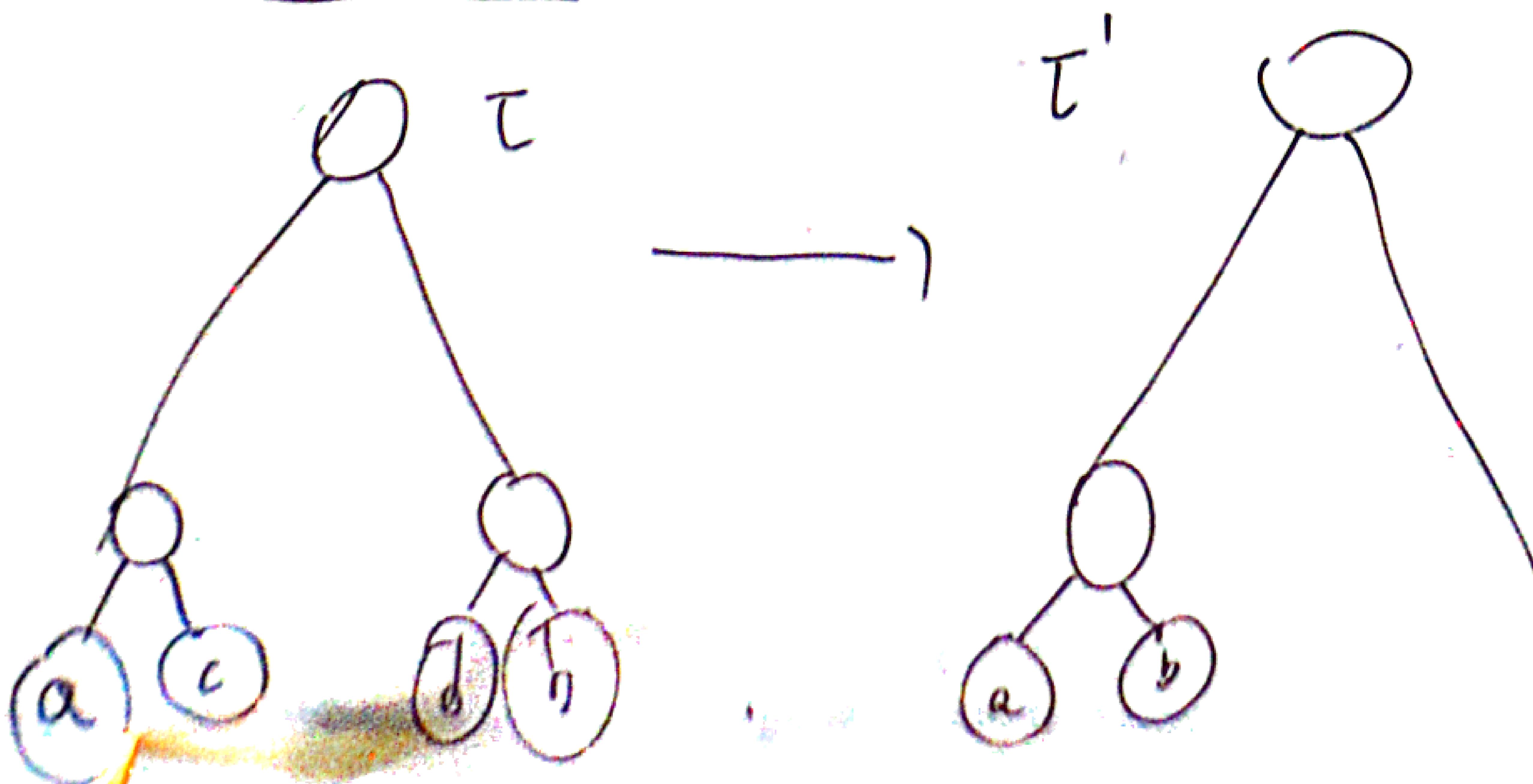


1

$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

$f(a) \leq f(b) \leq f(e) \quad \forall e \in \Sigma \setminus \{a, b\}$

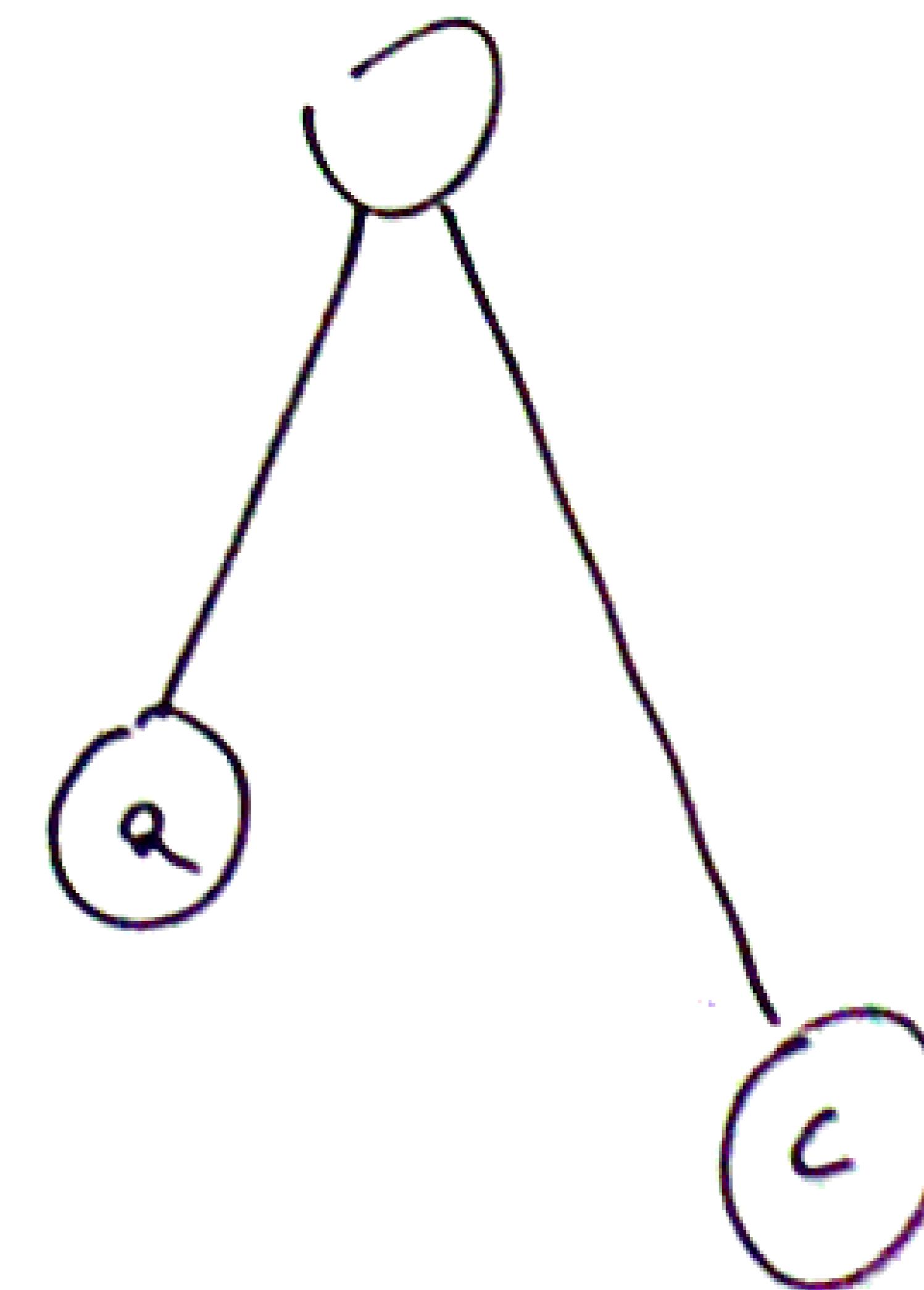
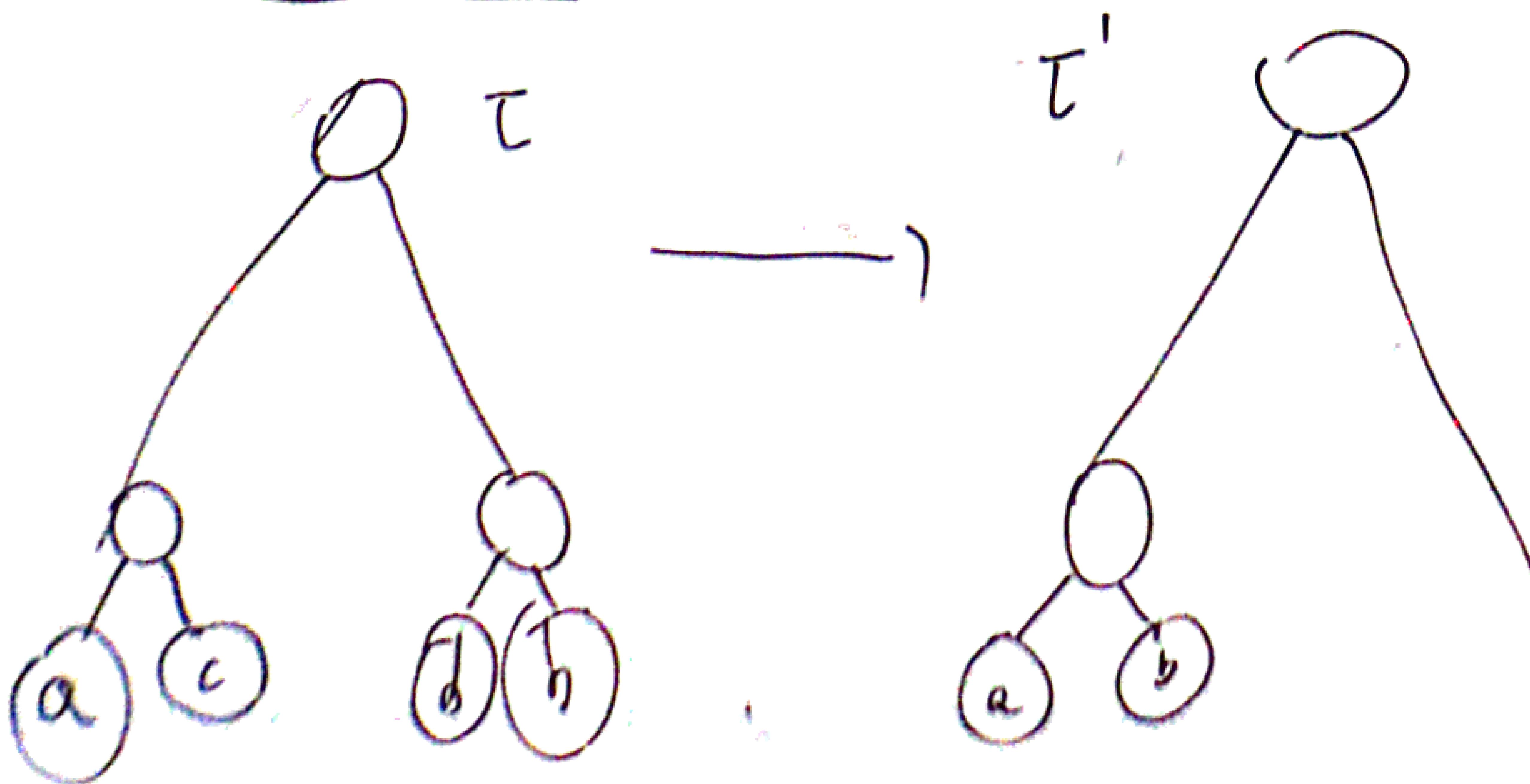


1

$f: \Sigma \rightarrow \{0, 1\}$

$T: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(T)$

$f(a) \leq f(b) \leq f(e) \quad \forall e \in \Sigma \setminus \{a, b\}$

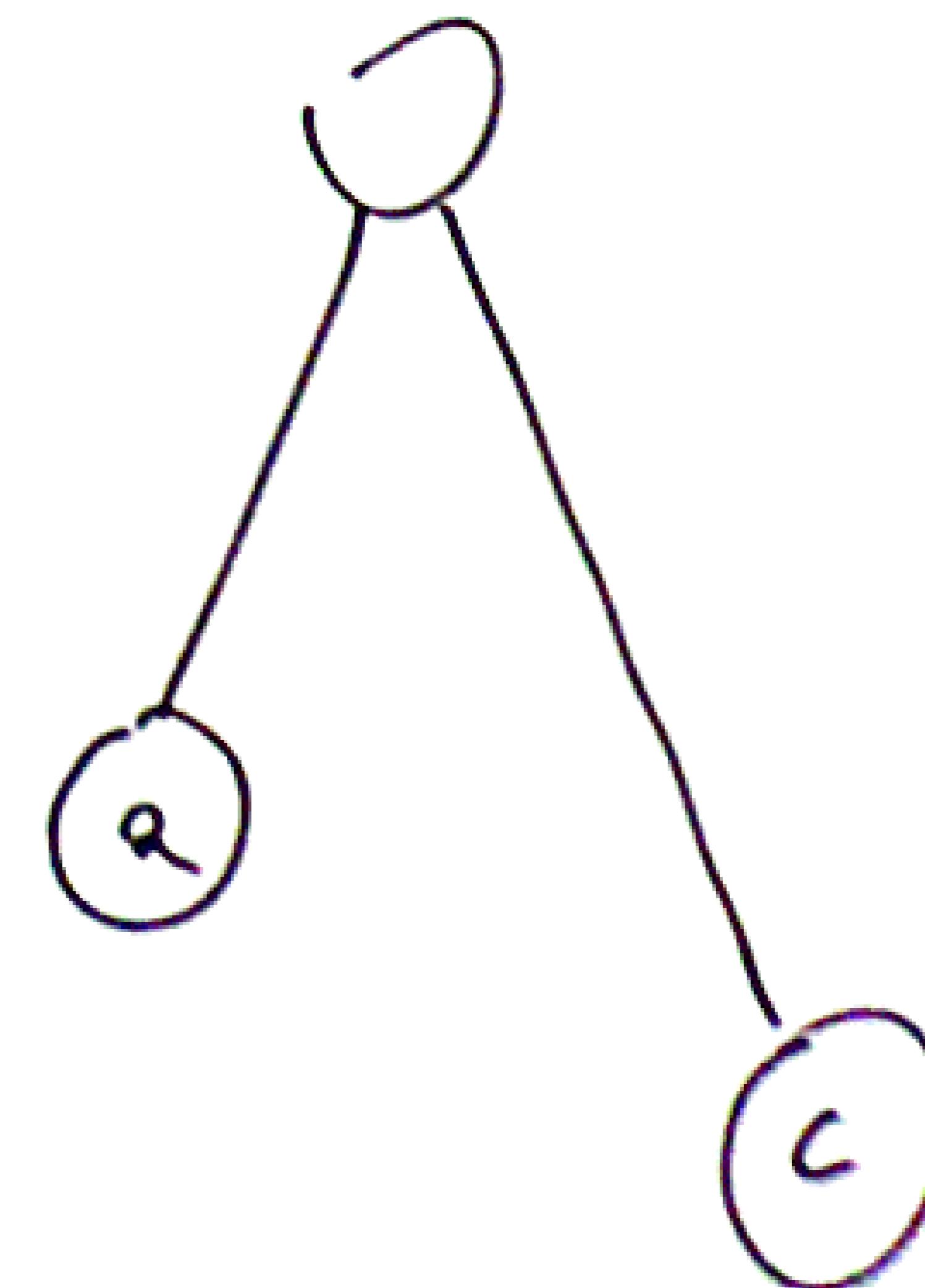
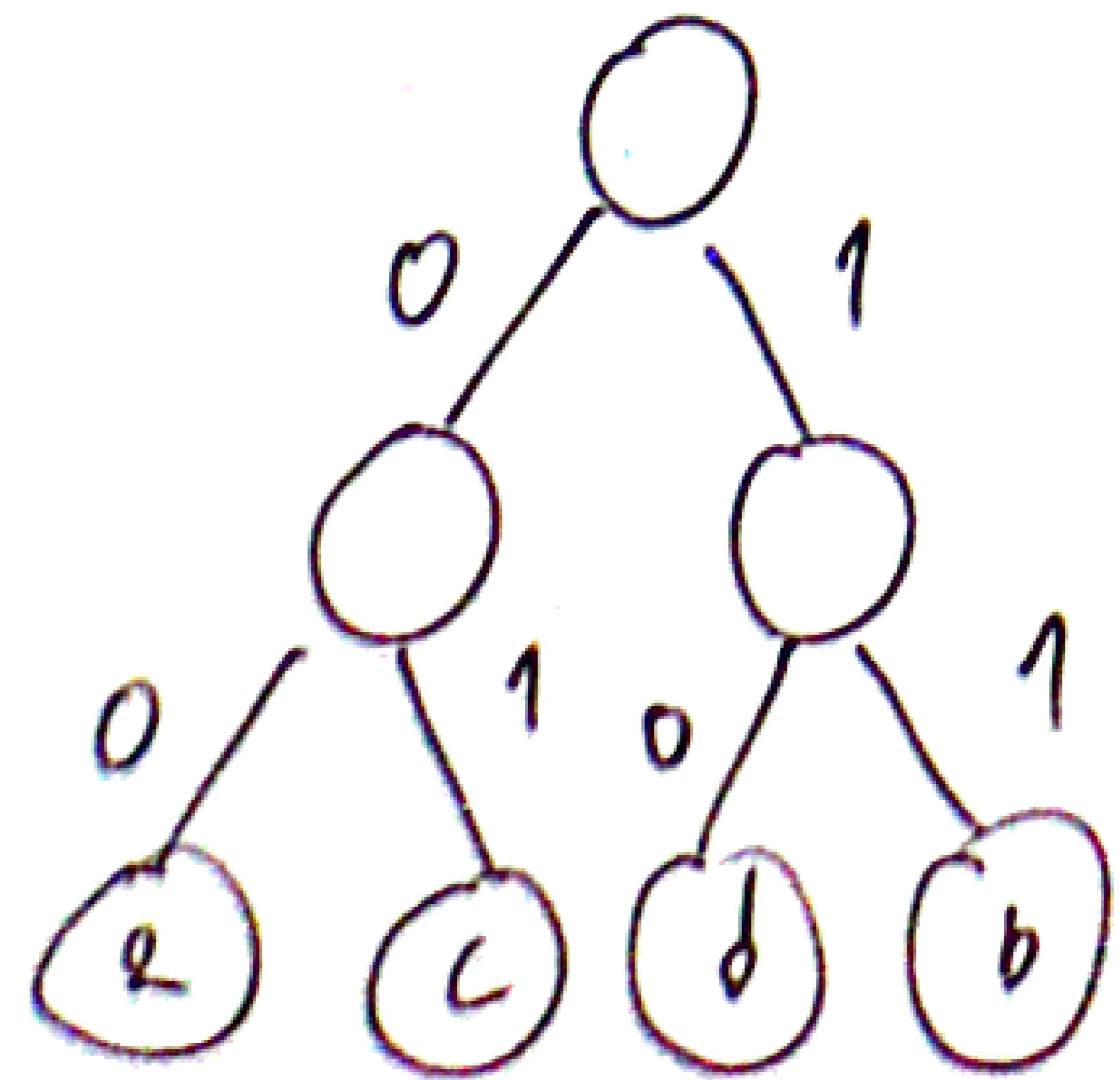


1

$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

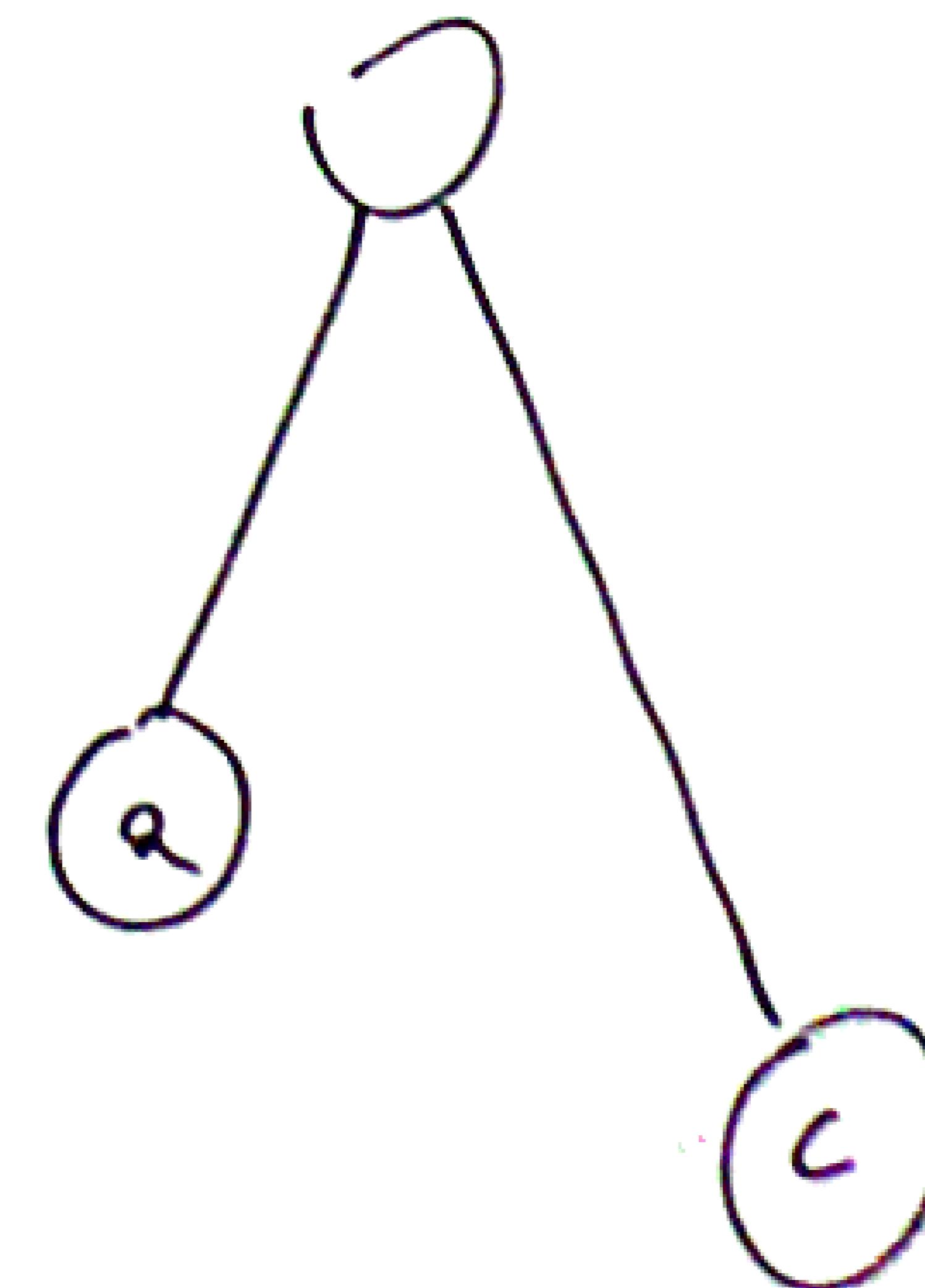
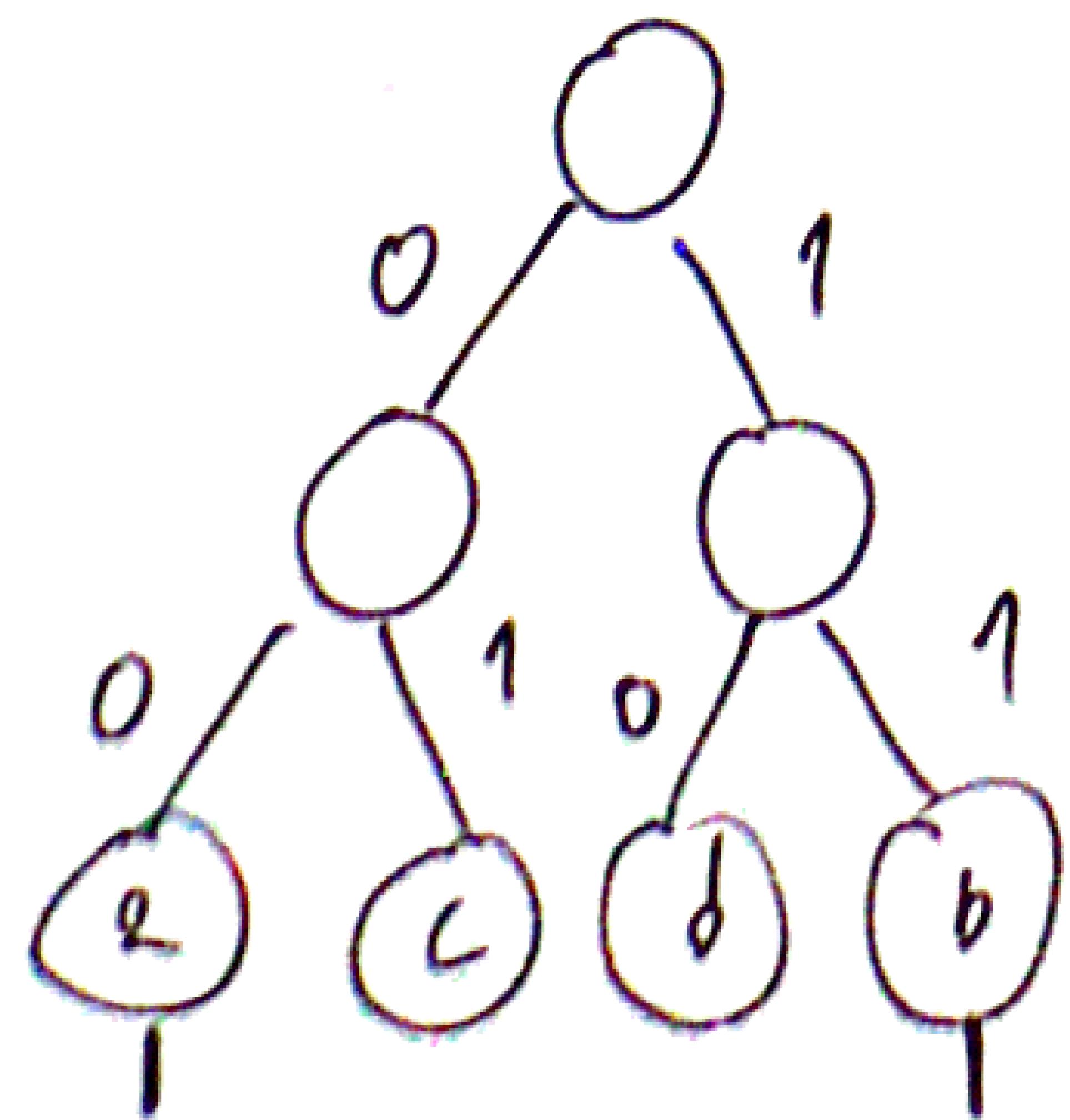
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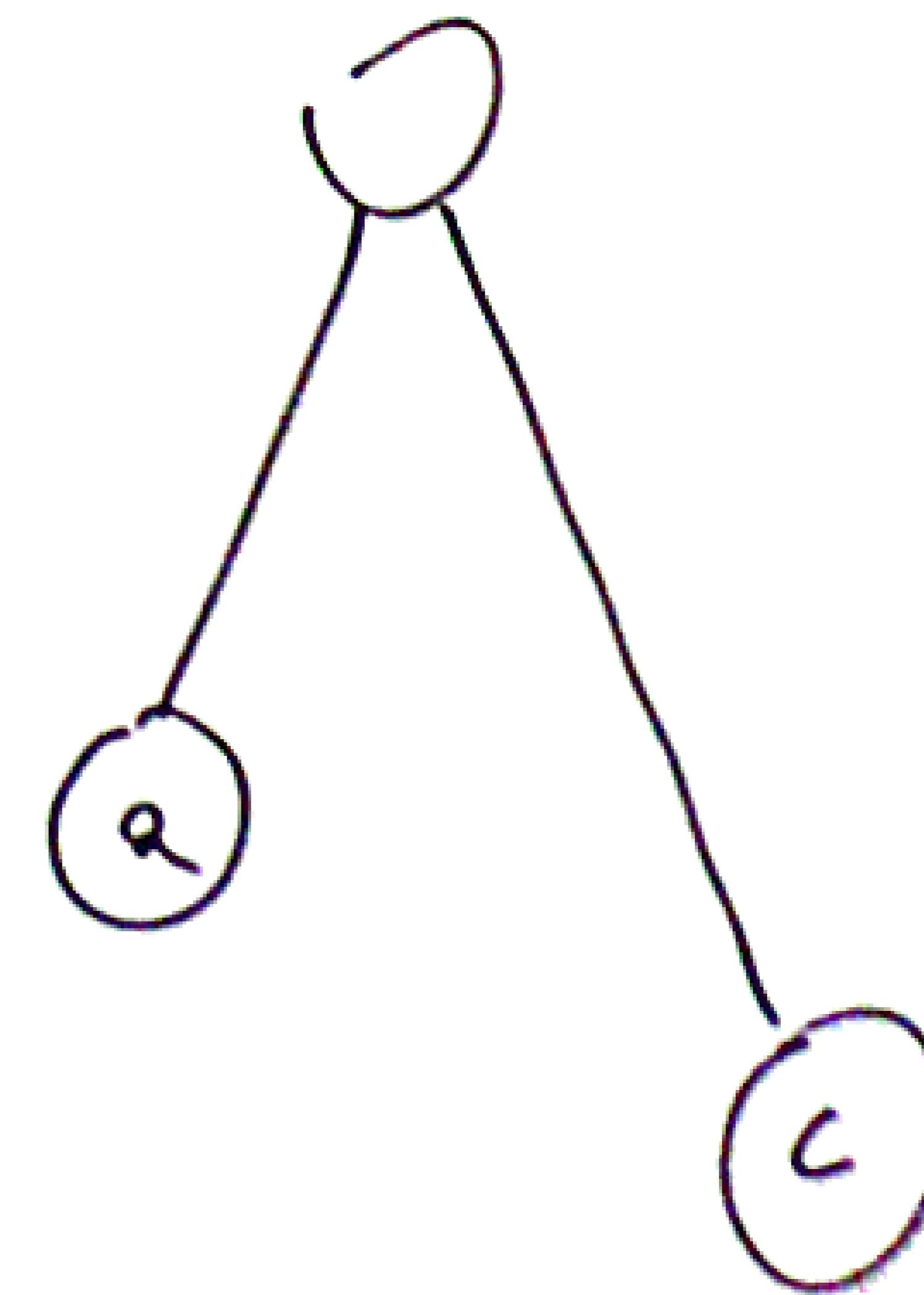
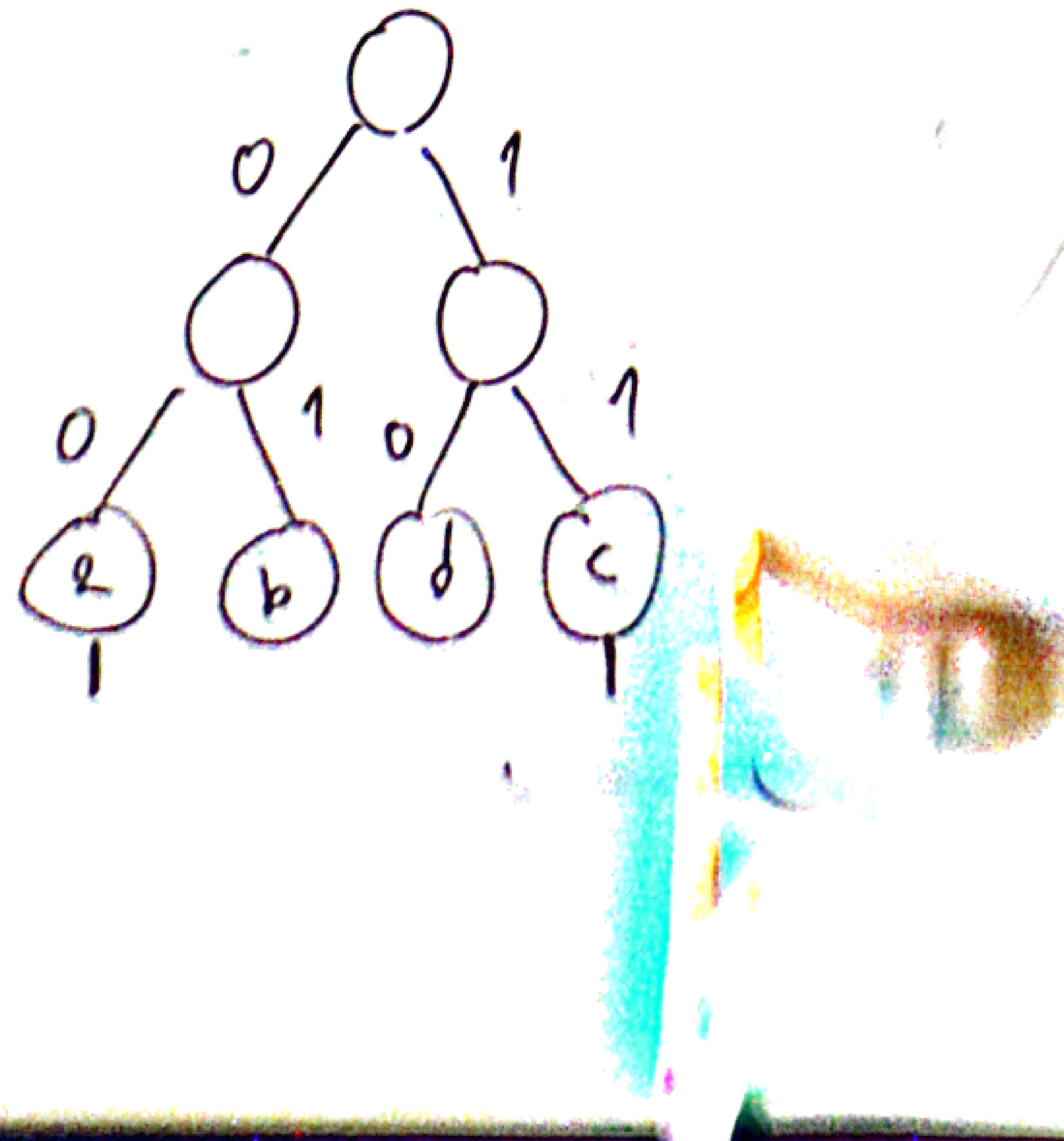
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$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

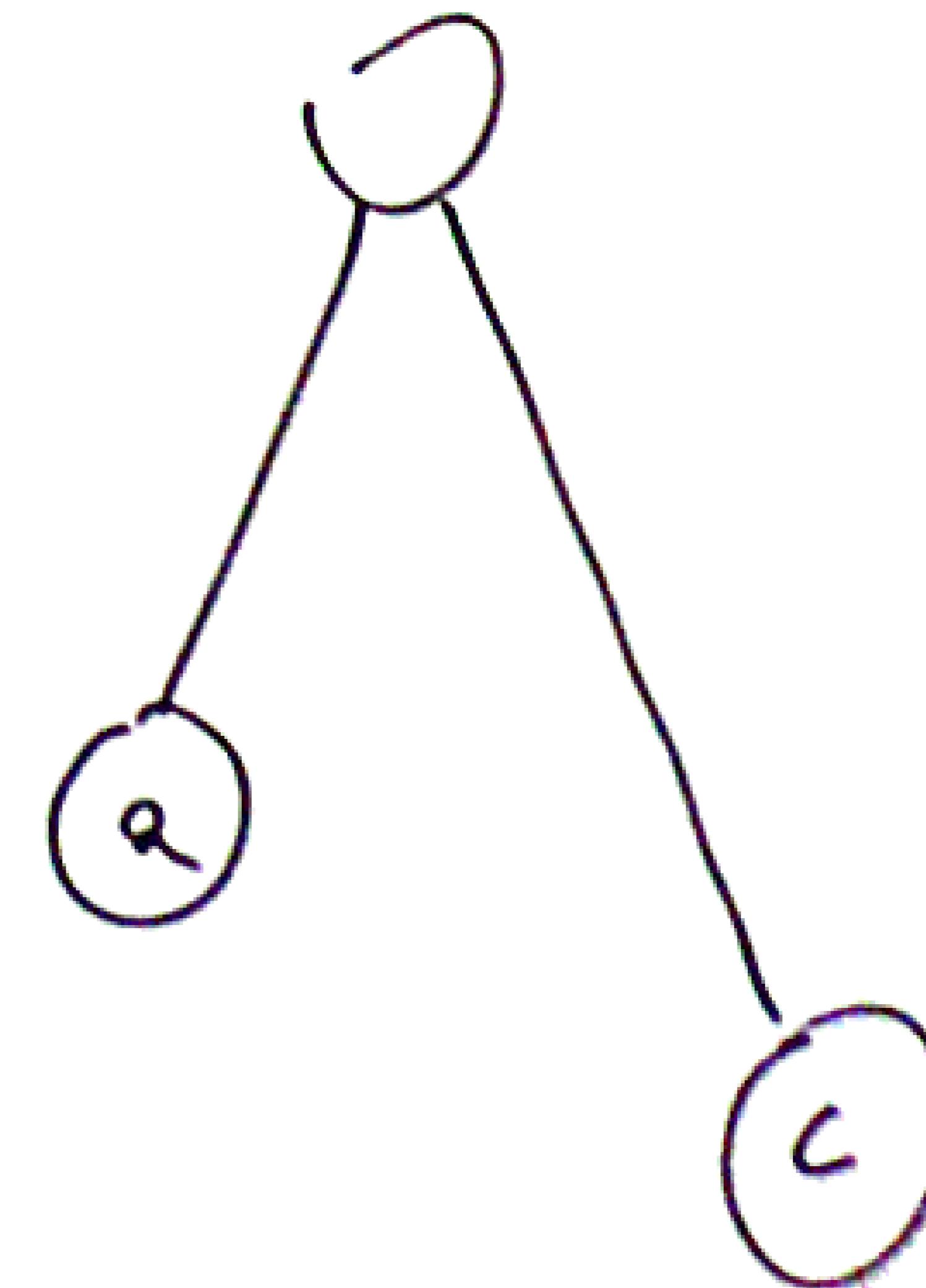
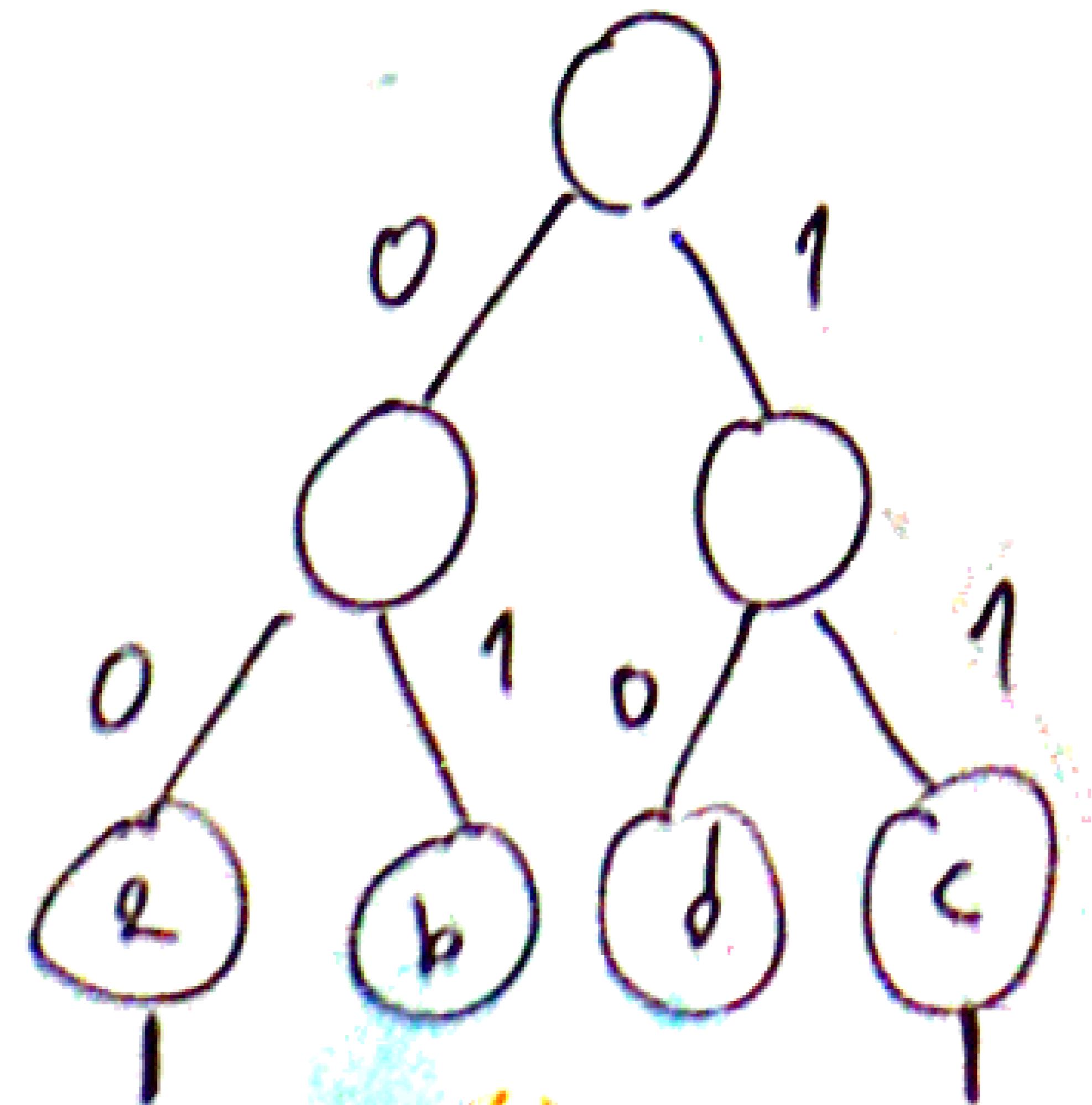
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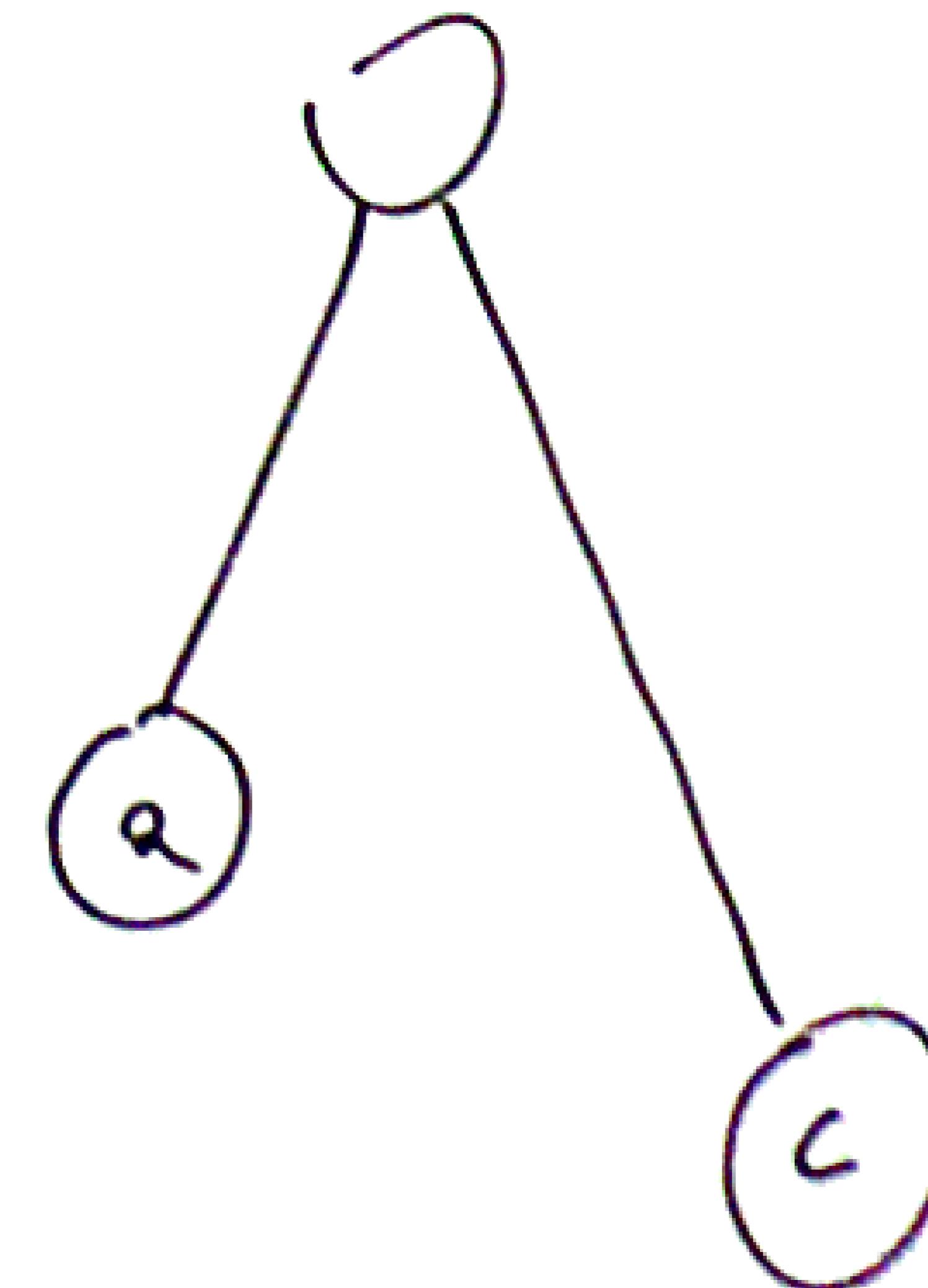
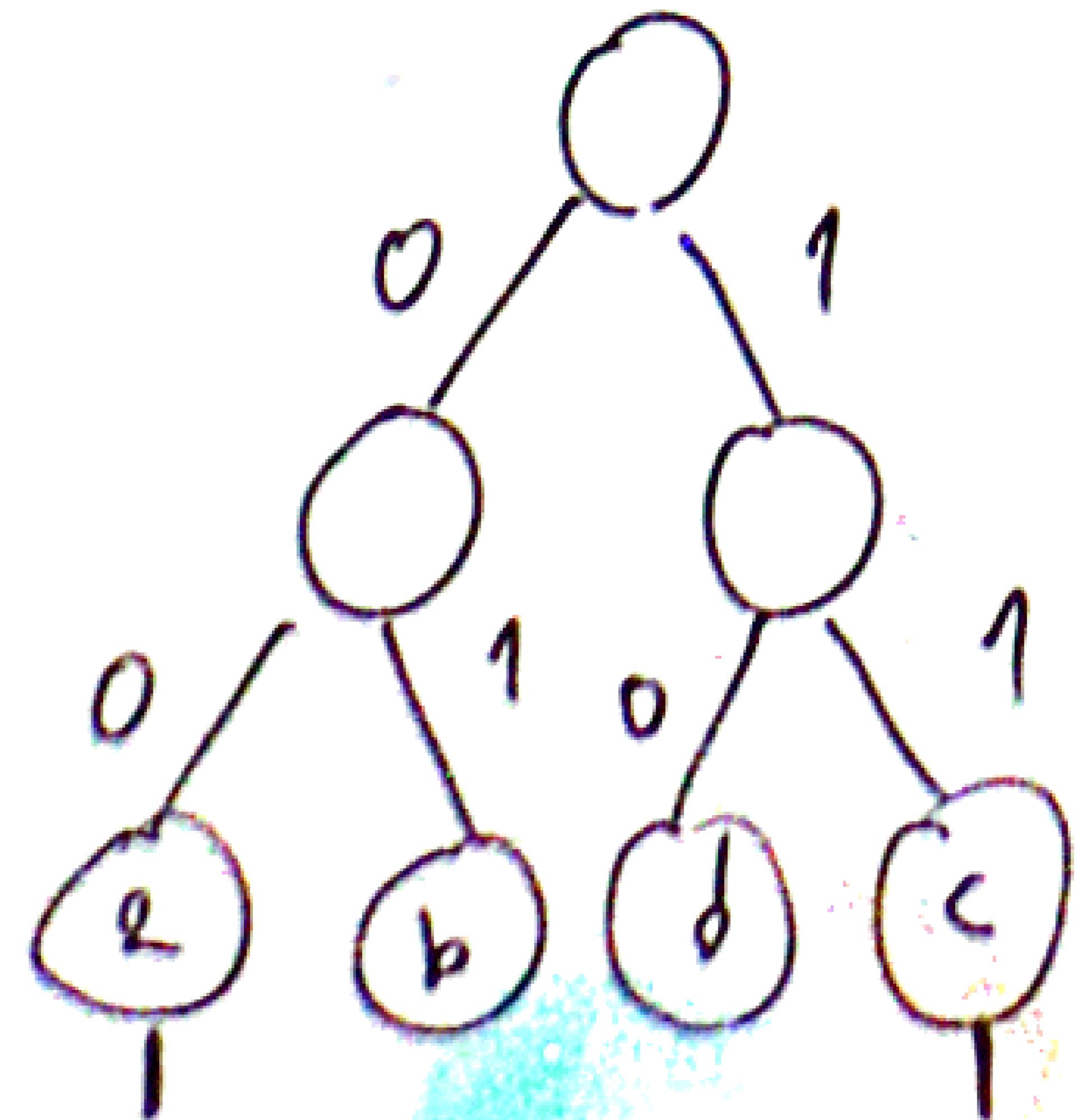
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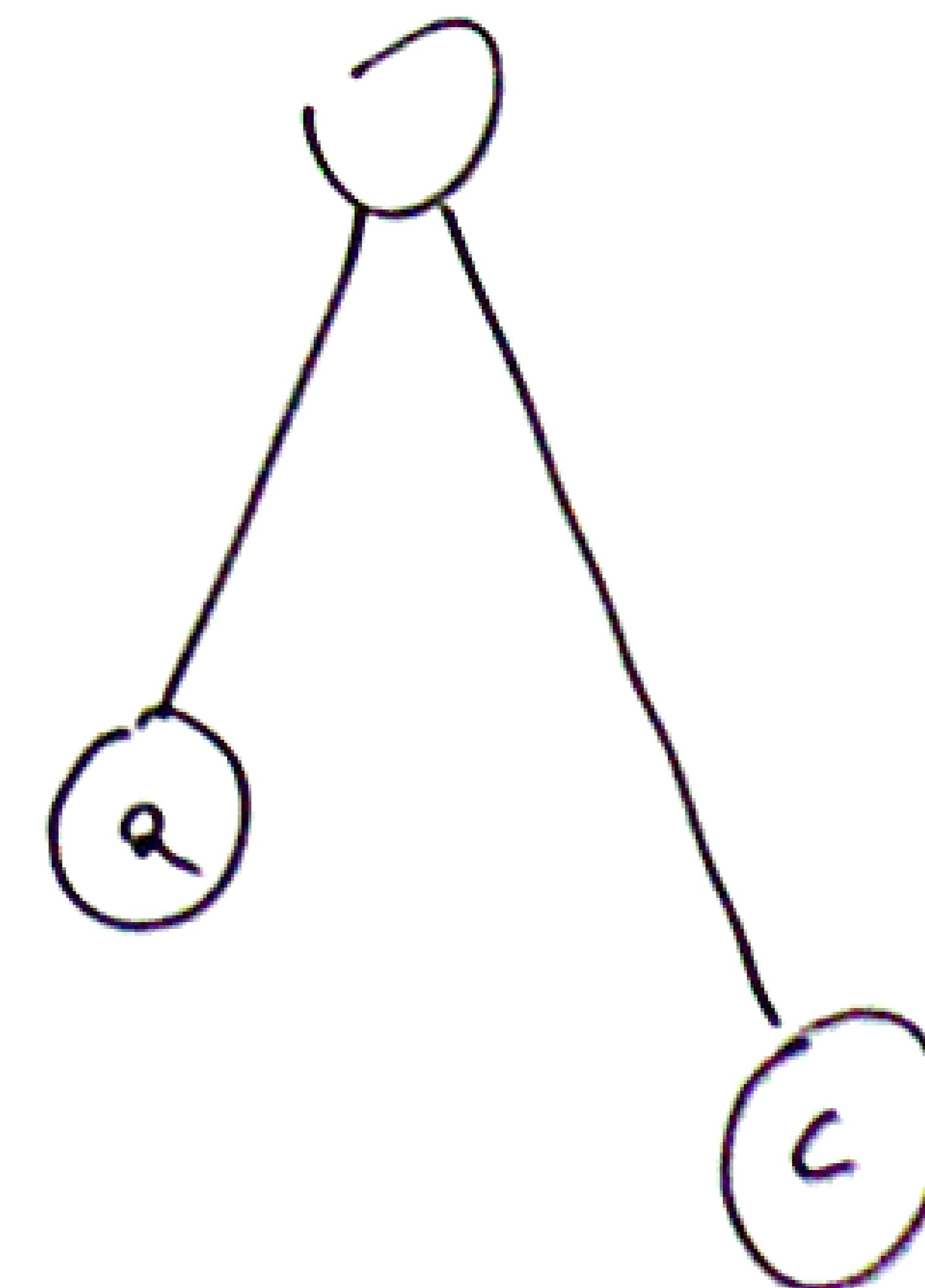
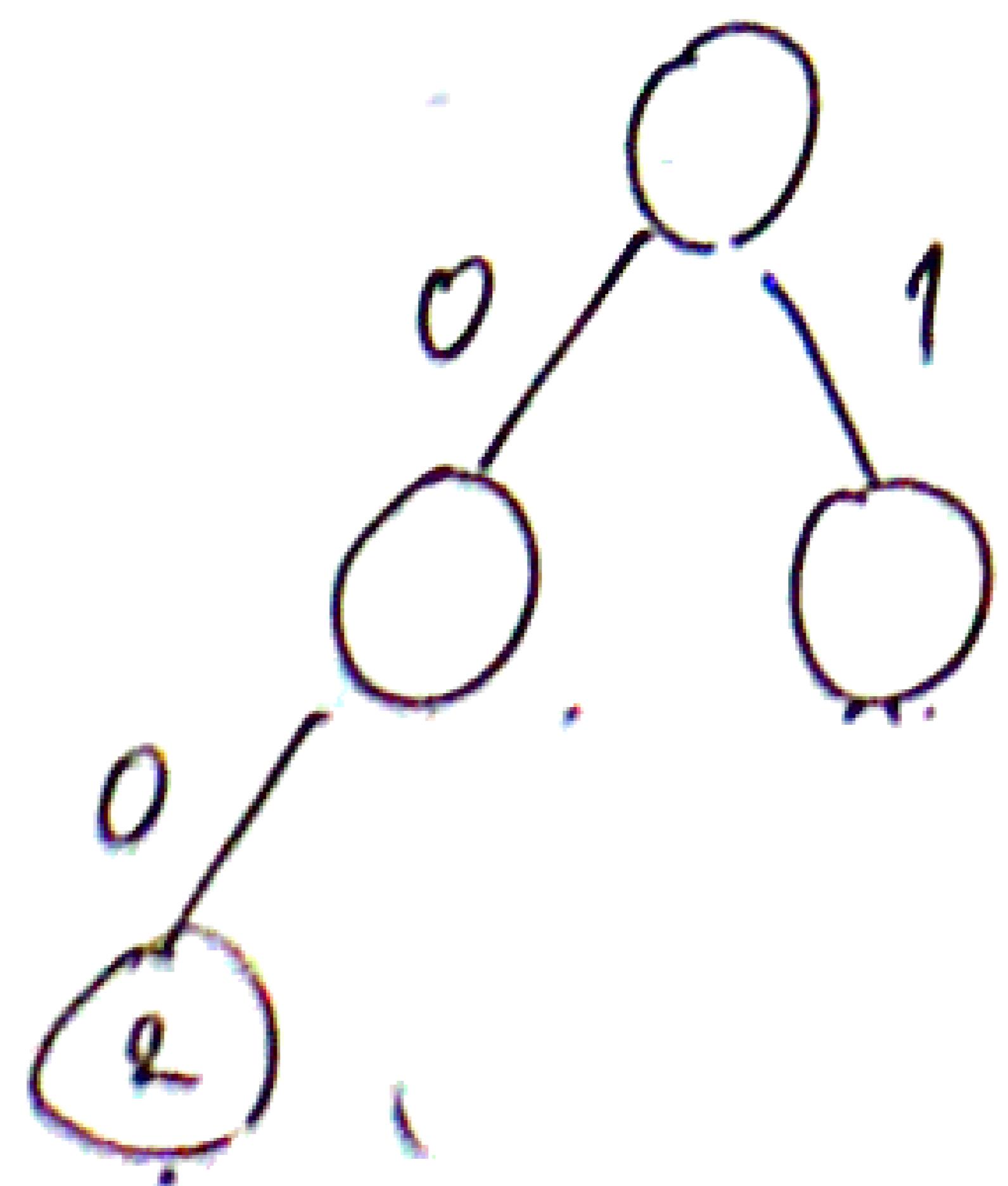
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$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

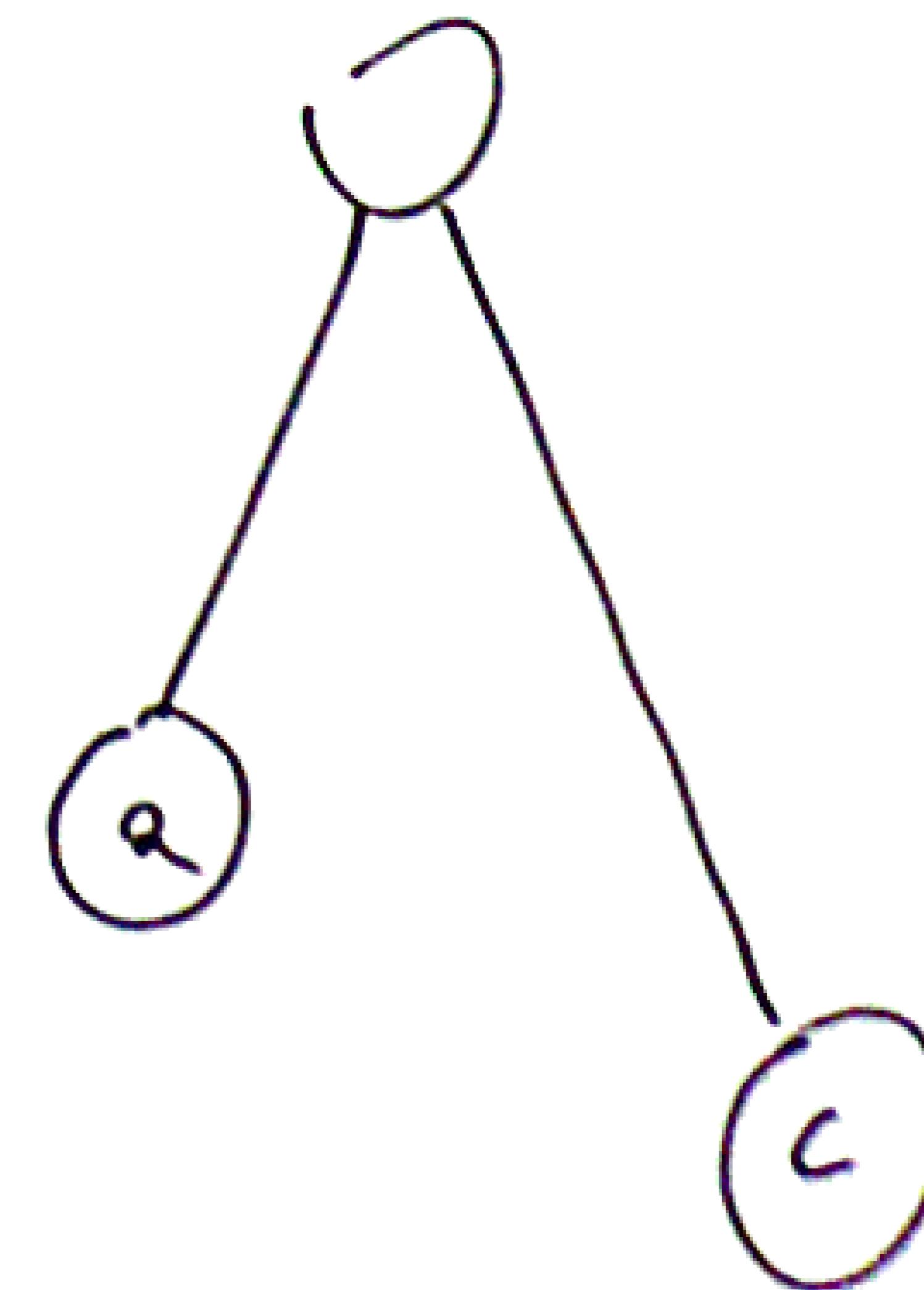
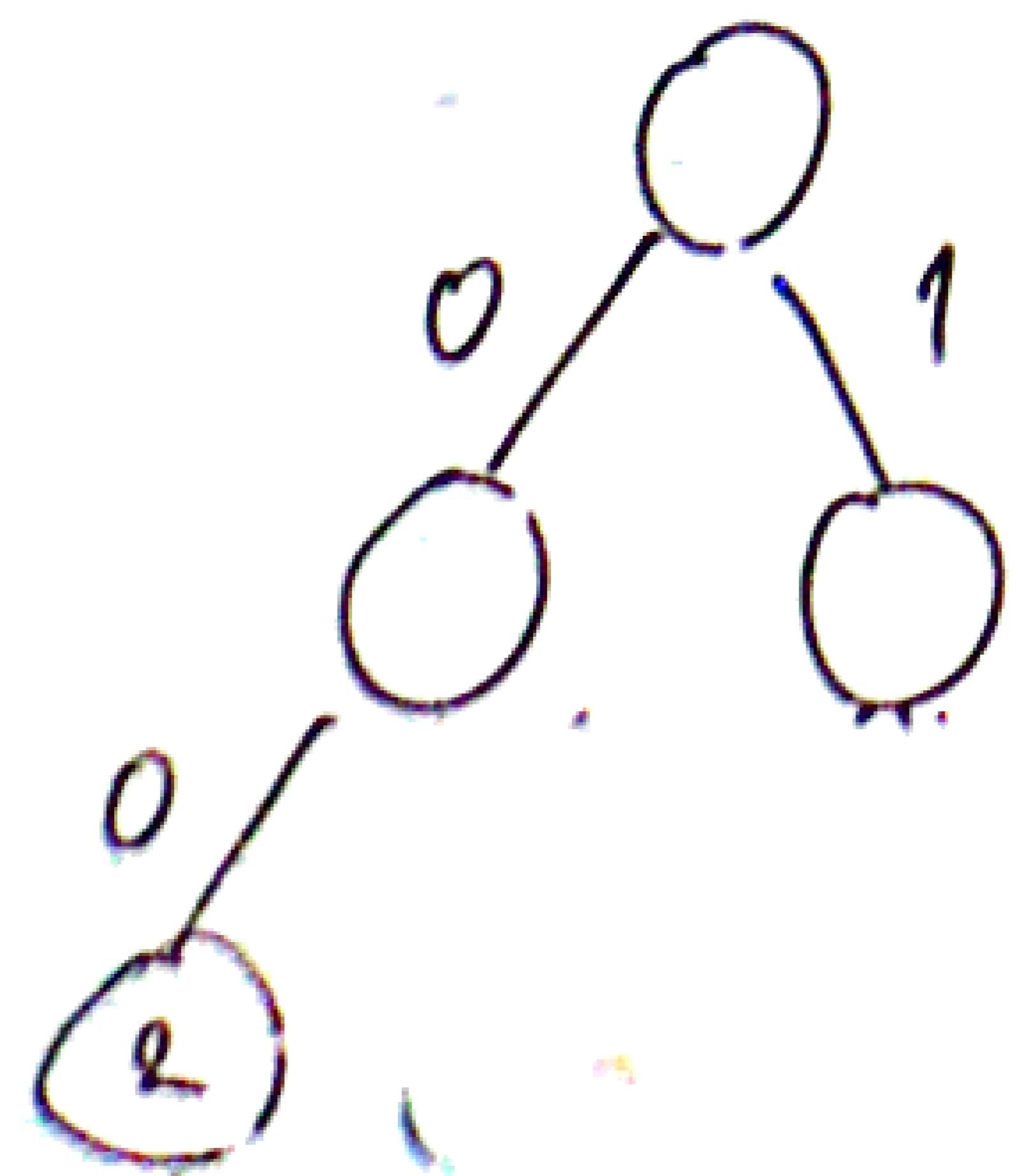
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$



$f: \Sigma \rightarrow \{0,1\}$

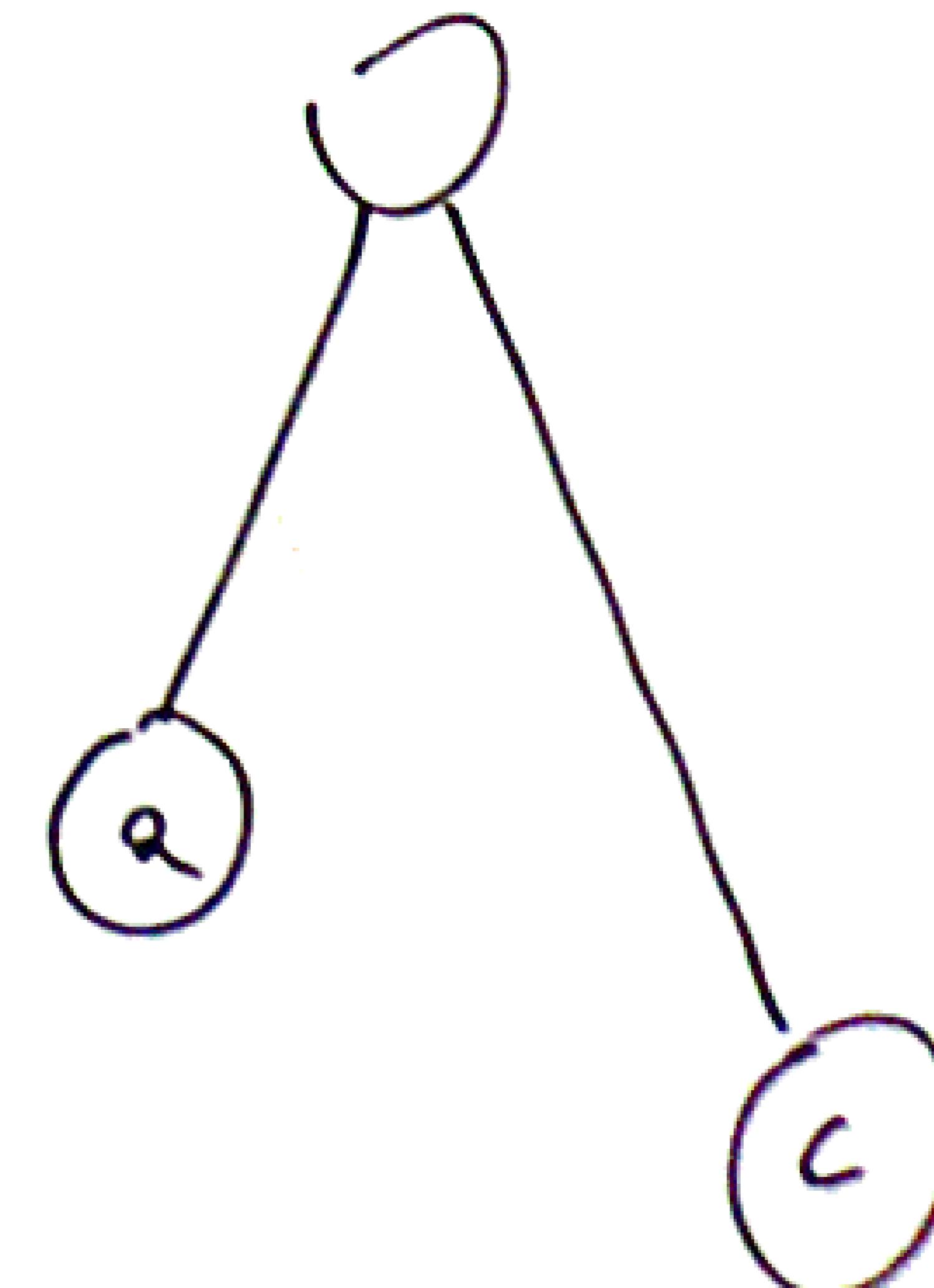
$\tau: \Sigma \rightarrow \{0,1\}^*$ $lip_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$$a \rightarrow \frac{2}{3}$$

$$b \rightarrow \frac{2}{9}$$

$$c \rightarrow \frac{1}{9}$$



$f: \Sigma \rightarrow \{0, 1\}$

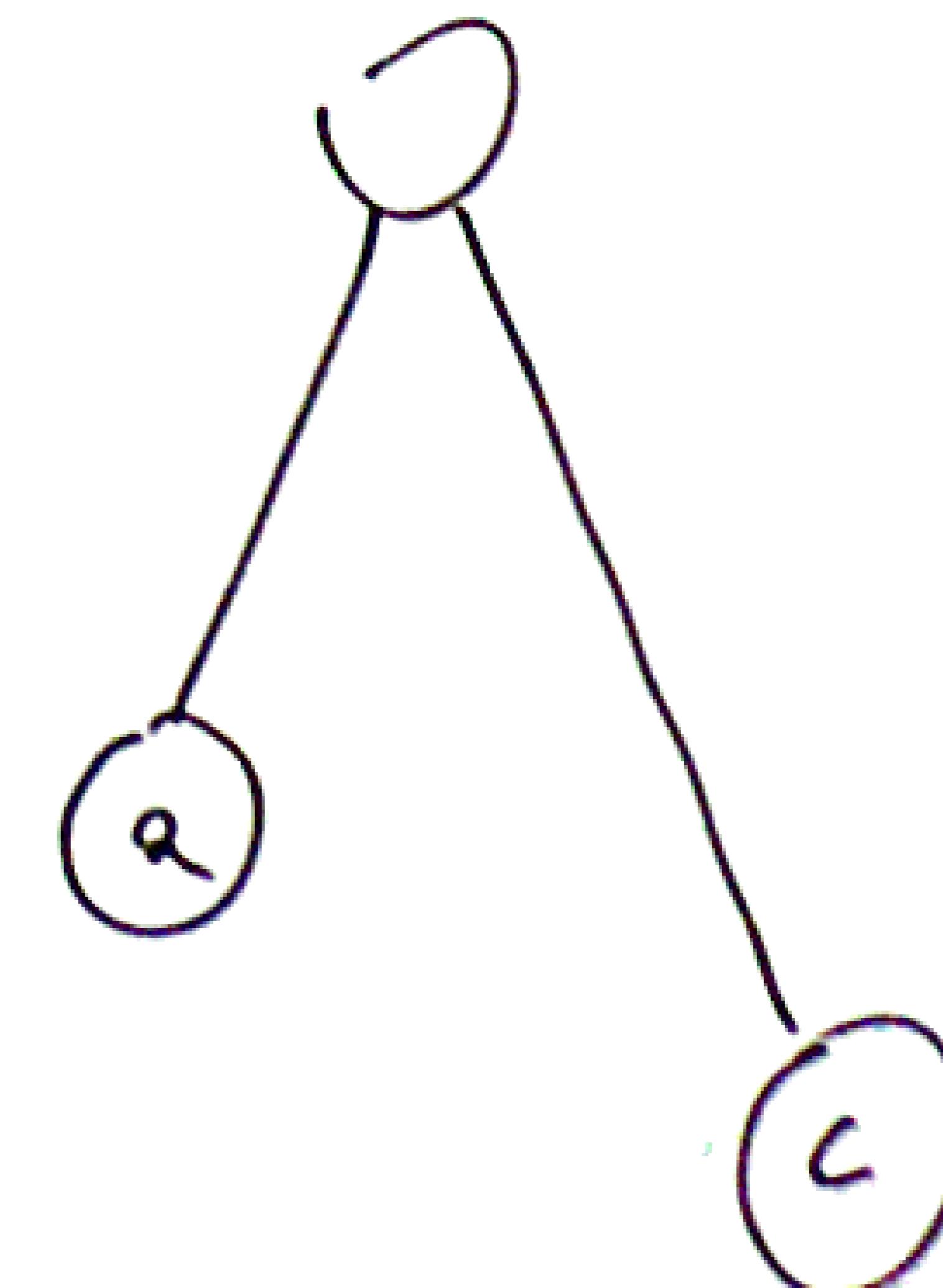
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$$a \rightarrow \frac{2}{3}$$

$$b \rightarrow \frac{2}{9}$$

$$c \rightarrow \frac{1}{9}$$



$f: \Sigma \rightarrow \{0, 1\}$

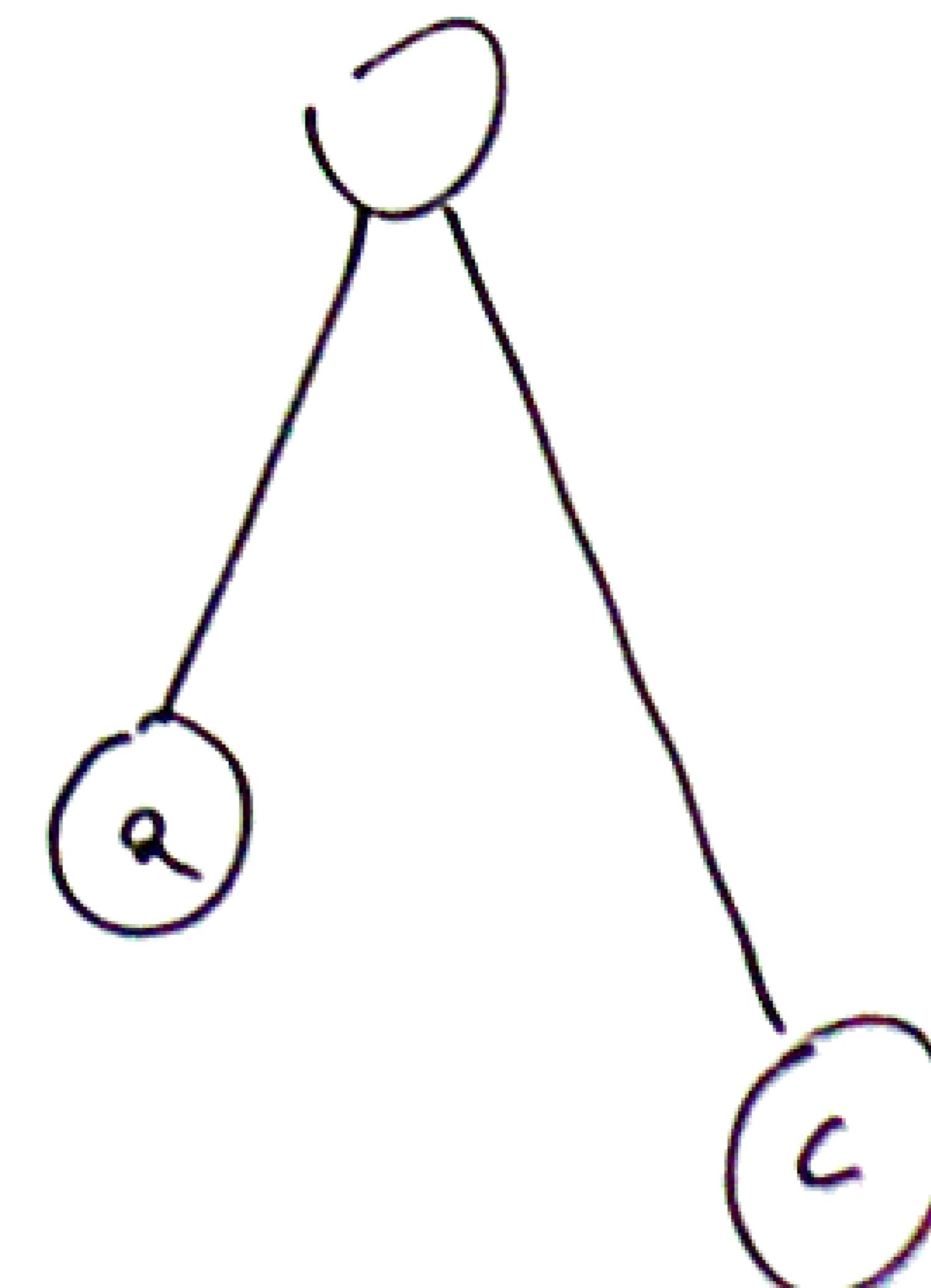
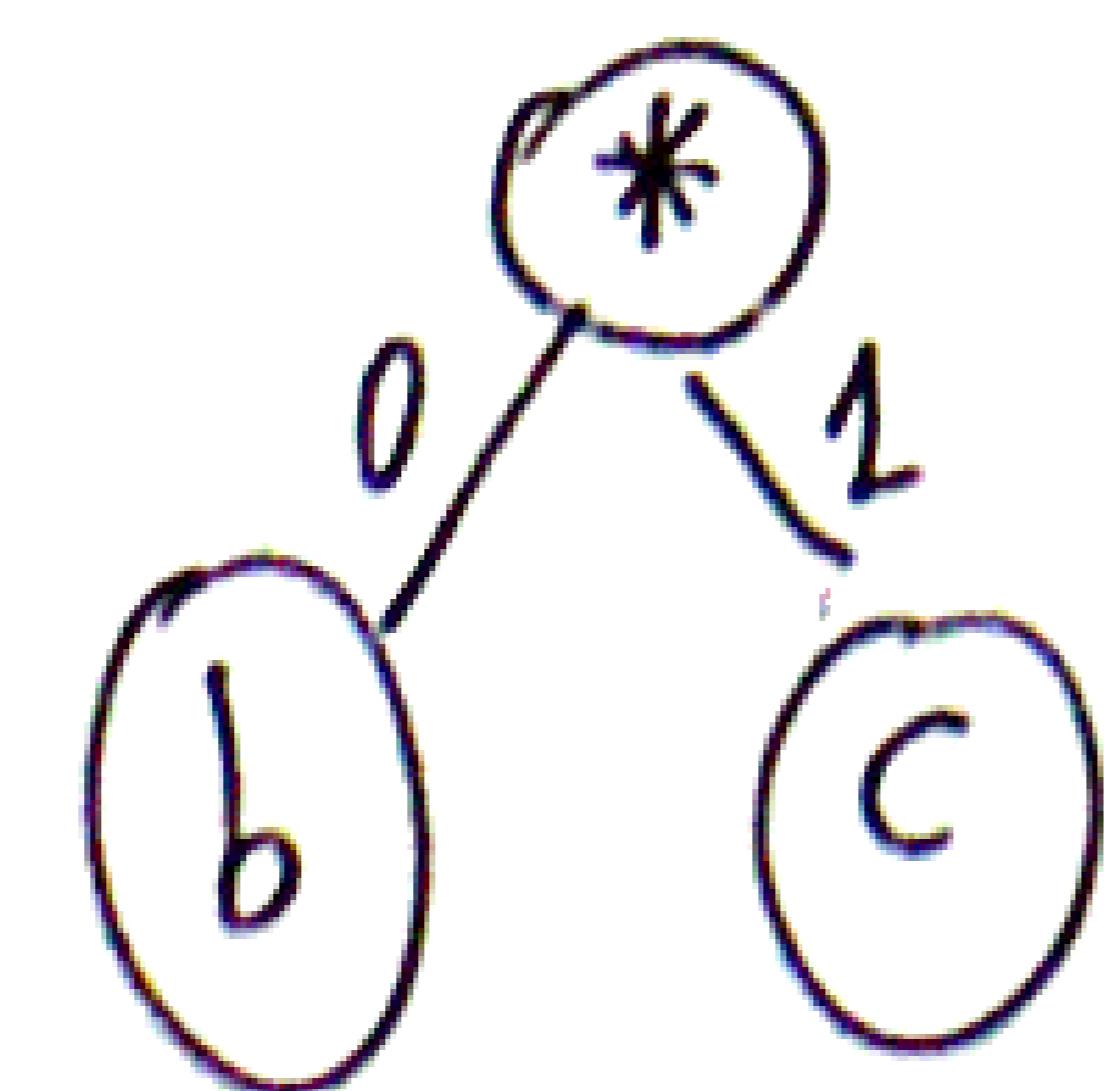
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$$a \rightarrow \frac{2}{3}$$

$$b \rightarrow \frac{2}{9}$$

$$c \rightarrow \frac{1}{9}$$



1

$f: \Sigma \rightarrow \{0, 1\}$

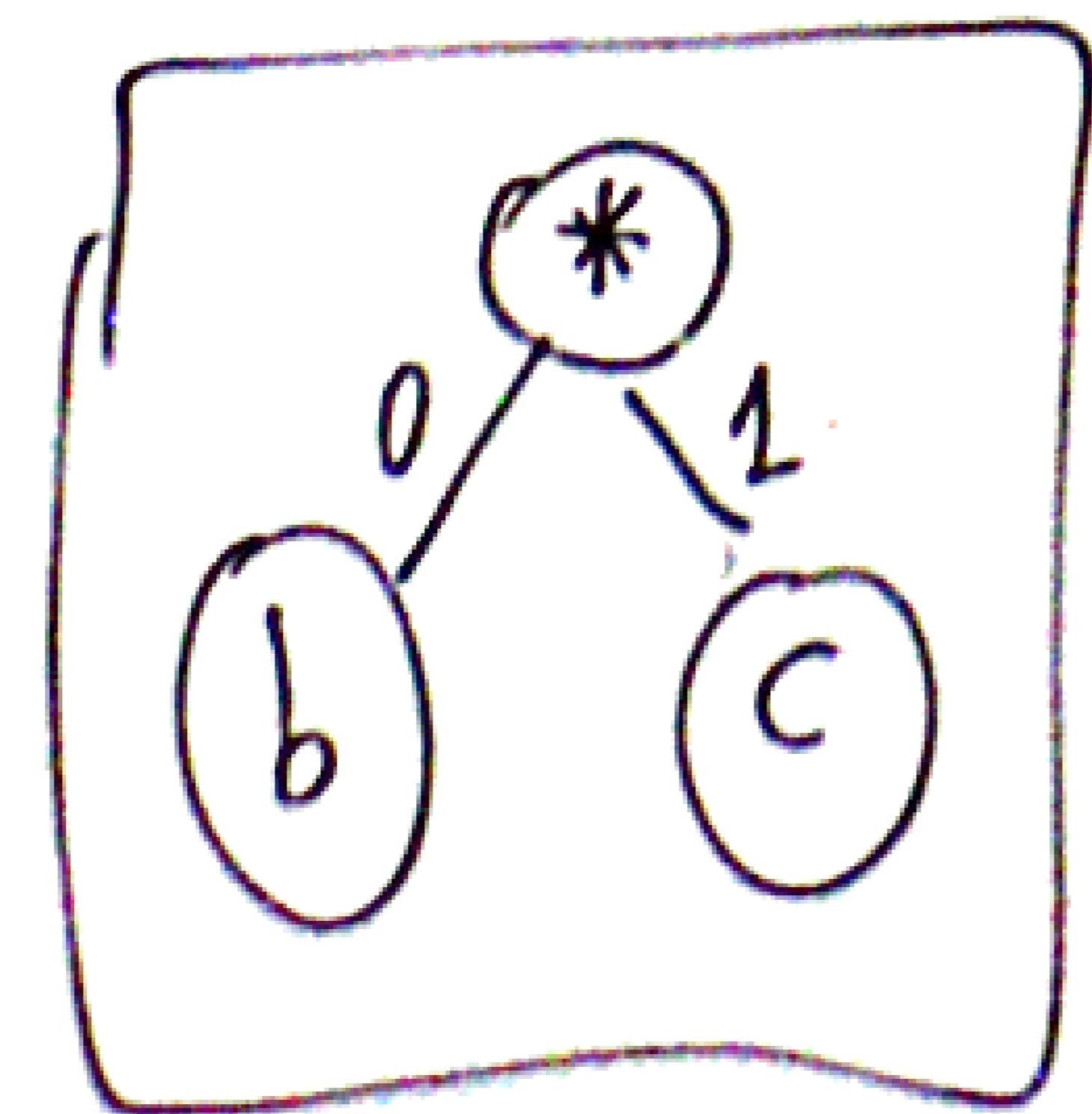
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lip_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

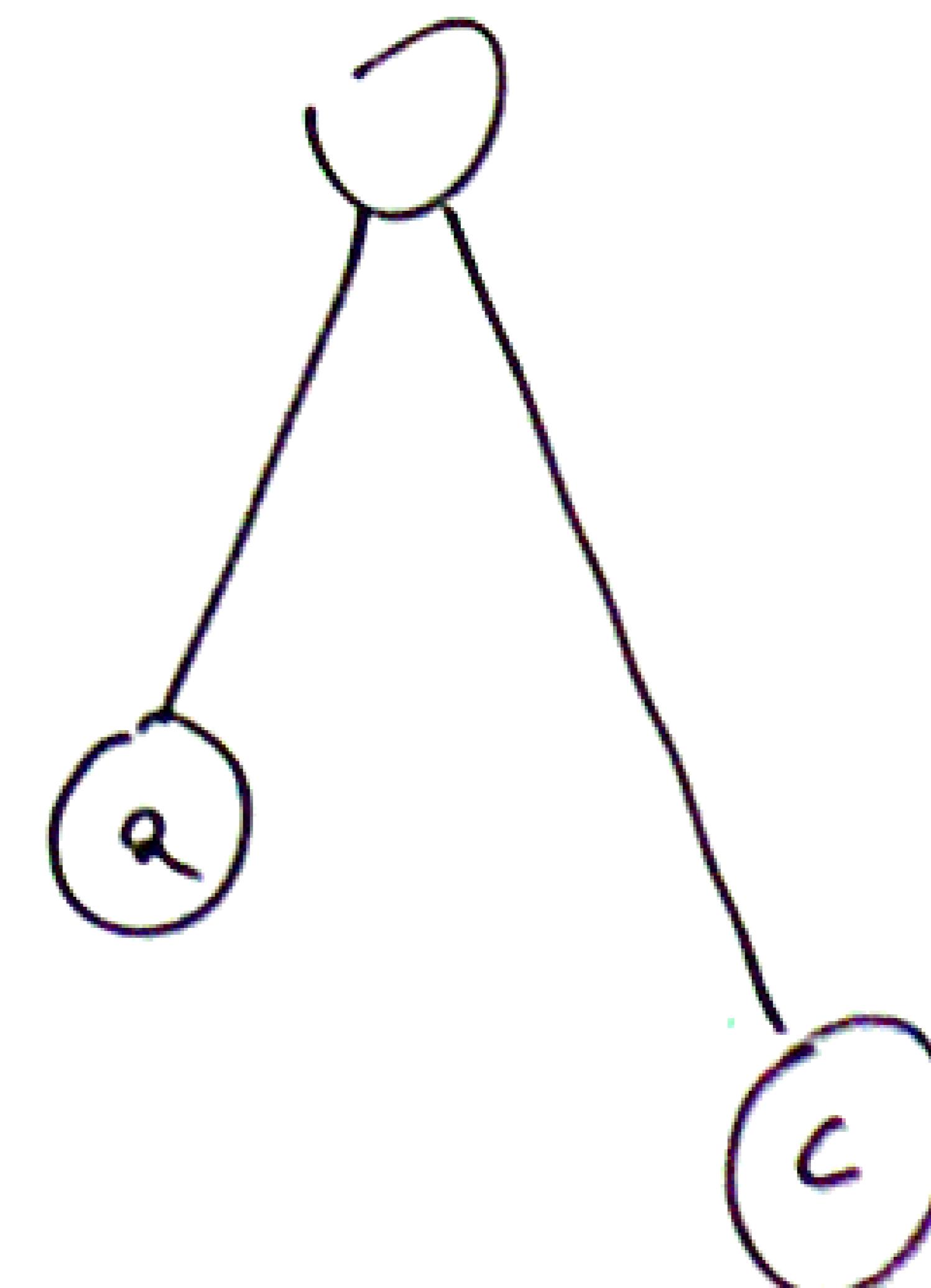
$$a \rightarrow \frac{2}{3}$$

$$b \rightarrow \frac{2}{9}$$

$$c \rightarrow \frac{1}{9}$$



$$a \rightarrow \frac{2}{3}$$

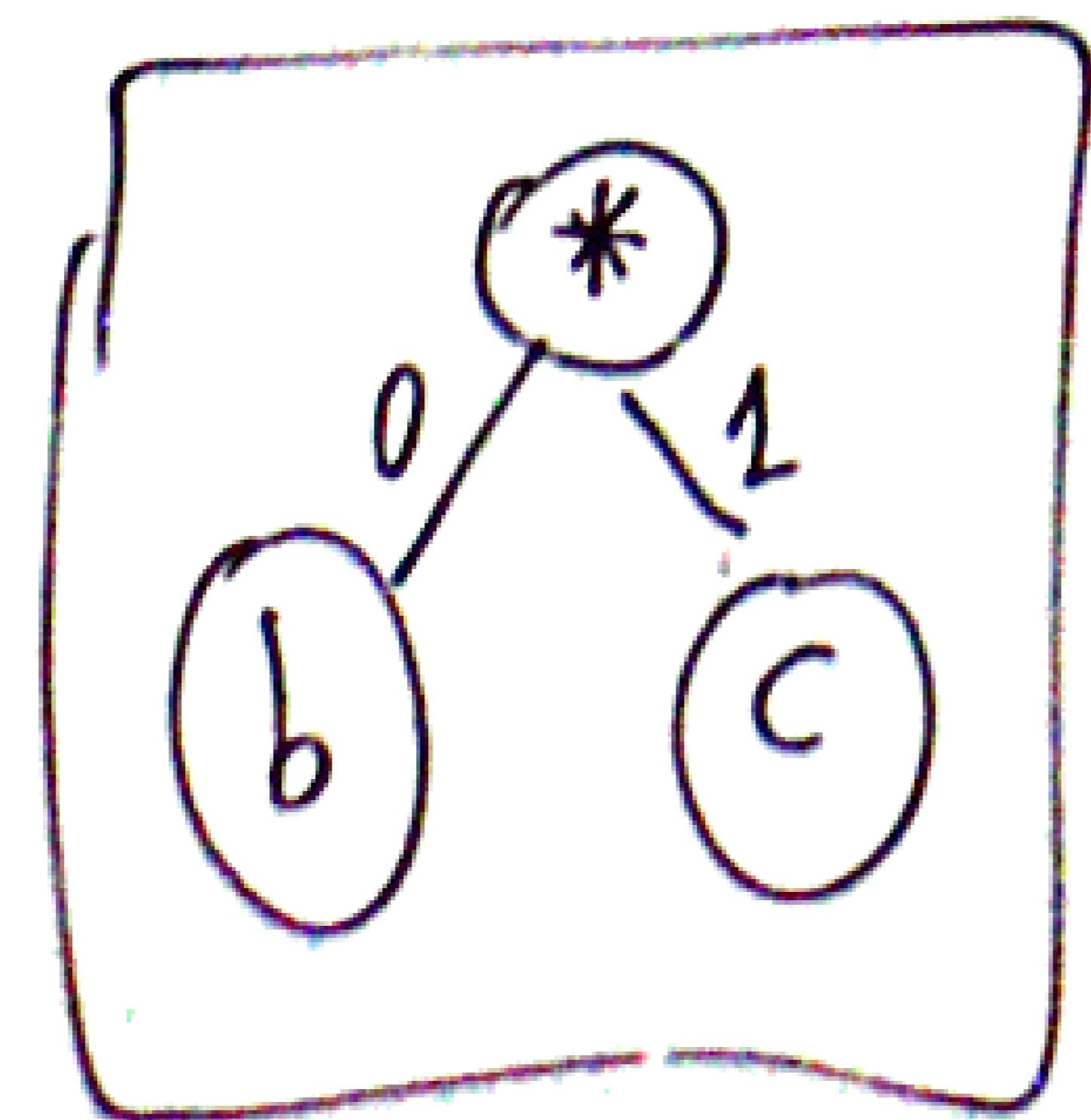


$f: \Sigma \rightarrow \{0, 1\}$

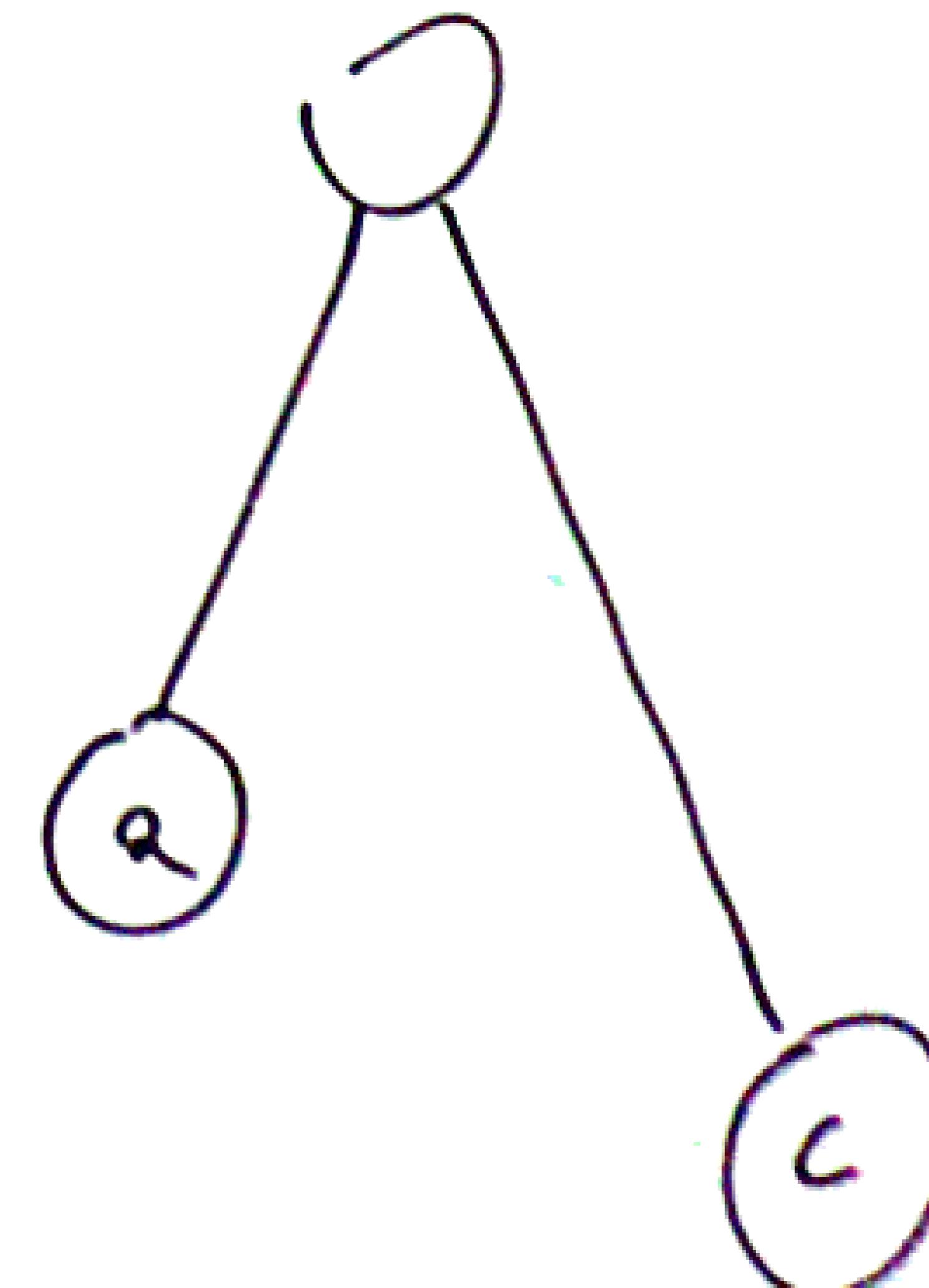
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$$a \rightarrow \frac{2}{3}$$
$$b \rightarrow \frac{2}{9}$$
$$c \rightarrow \frac{1}{9}$$



$$a \rightarrow \frac{2}{3}$$
$$* \rightarrow \frac{1}{3}$$

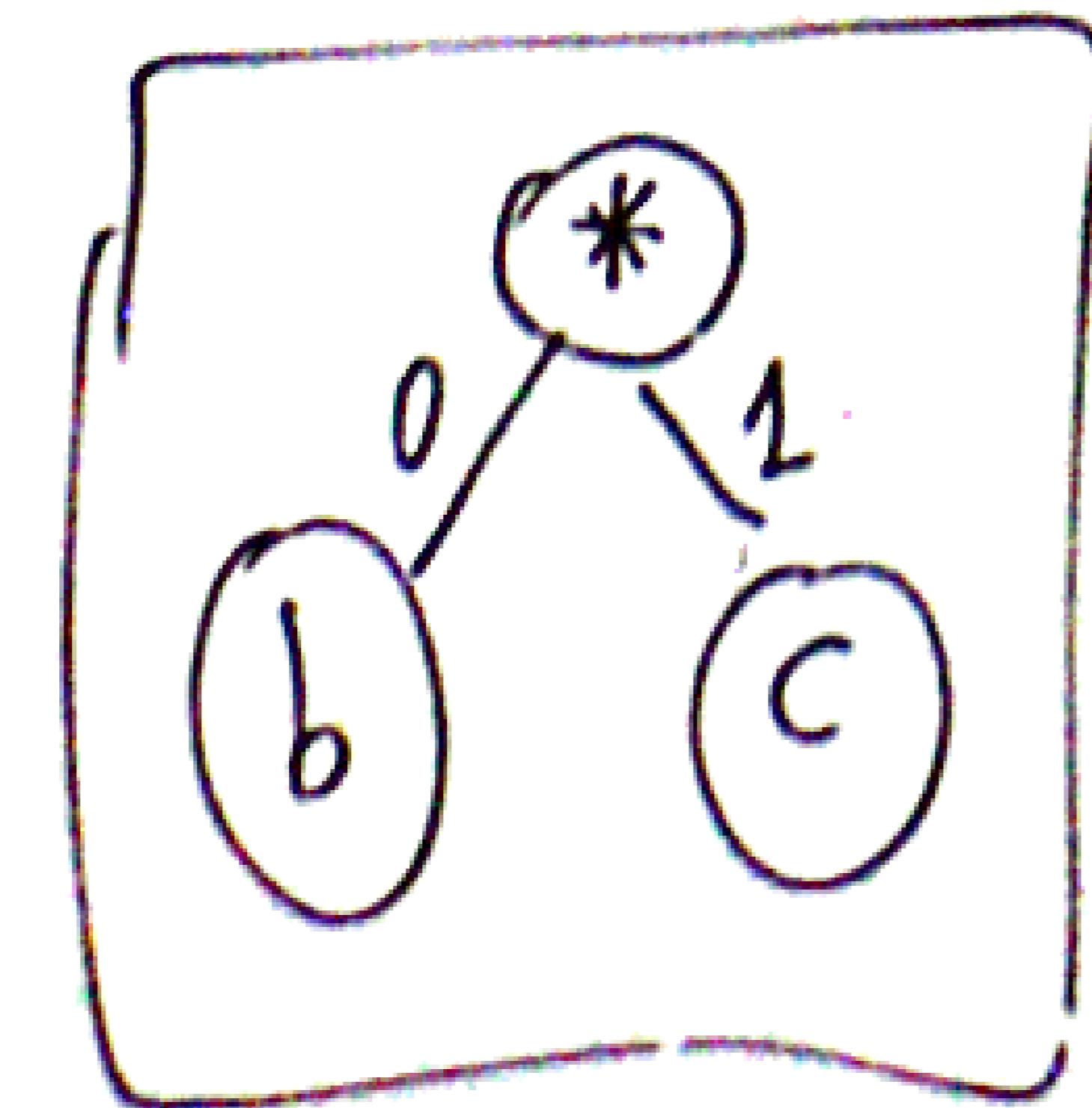


$f: \Sigma \rightarrow \{0, 1\}$

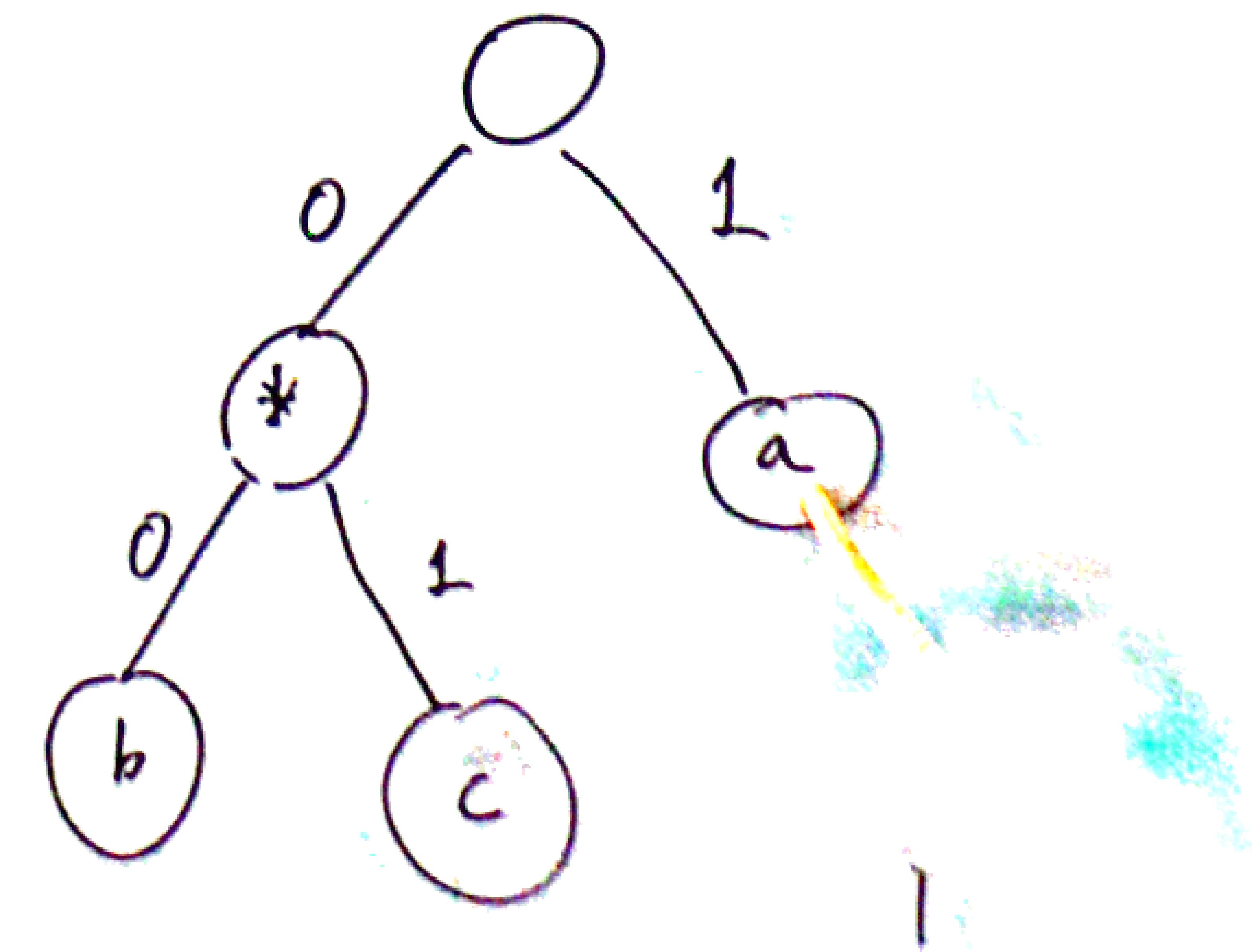
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lip_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$$\begin{aligned} a &\rightarrow \frac{2}{3} \\ b &\rightarrow \frac{2}{9} \\ c &\rightarrow \frac{1}{9} \end{aligned}$$



$$\begin{aligned} a &\rightarrow \frac{2}{3} \\ * &\rightarrow \frac{1}{3} \end{aligned}$$

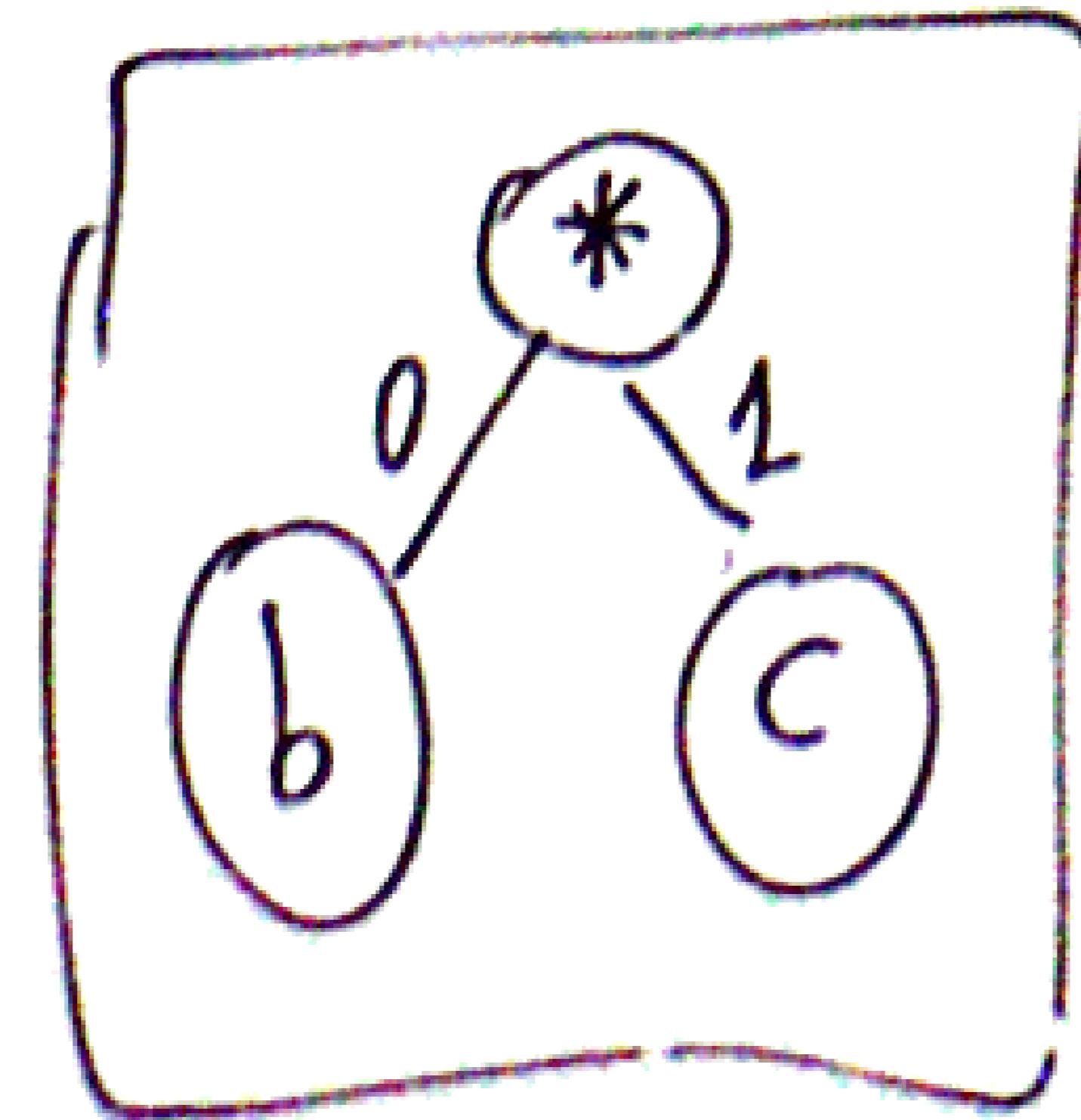


$f: \Sigma \rightarrow \{0, 1\}$

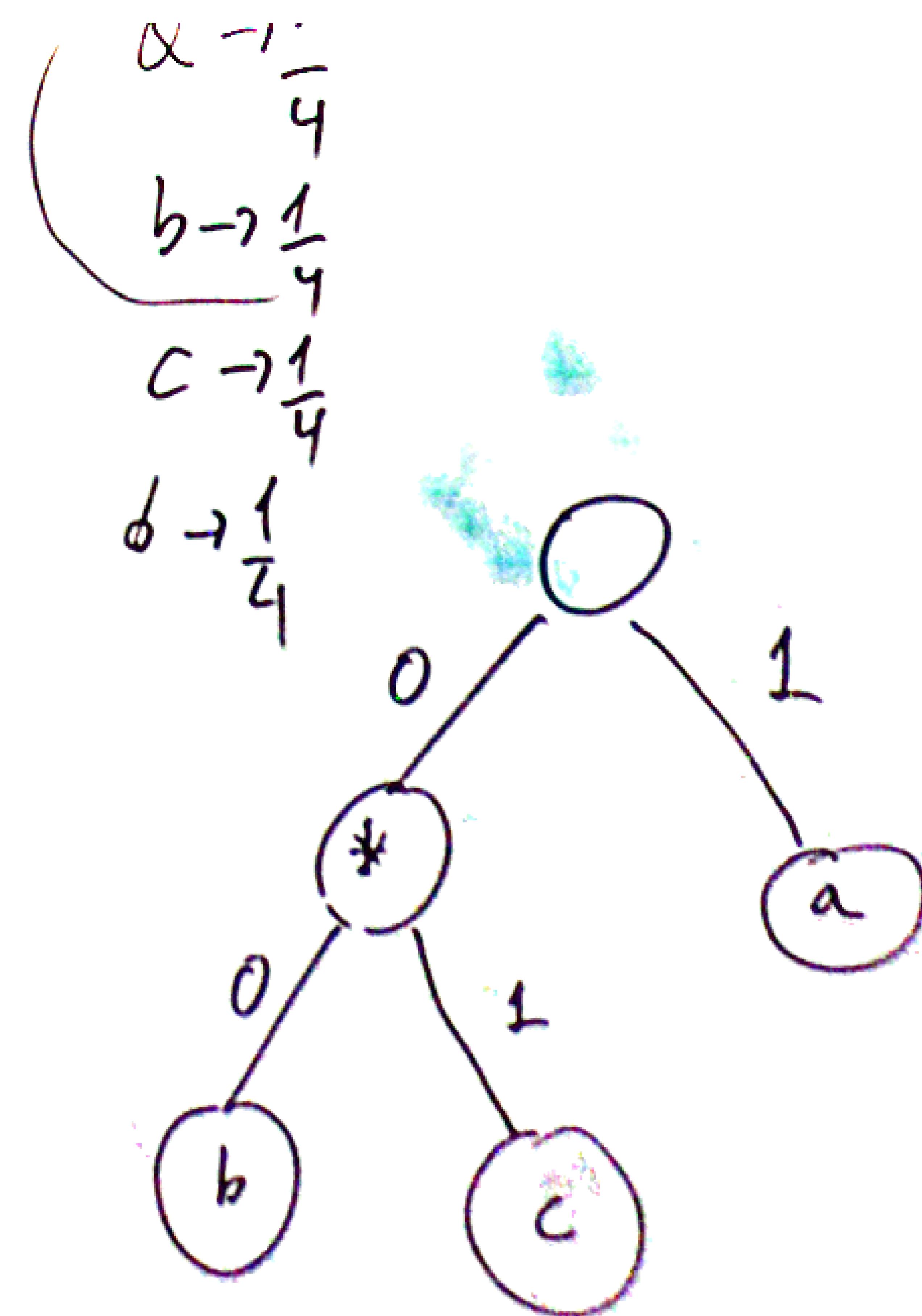
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$$\begin{aligned} a &\rightarrow \frac{2}{3} \\ b &\rightarrow \frac{2}{9} \\ c &\rightarrow \frac{1}{9} \end{aligned}$$



$$\begin{aligned} a &\rightarrow \frac{2}{3} \\ * &\rightarrow \frac{1}{3} \end{aligned}$$

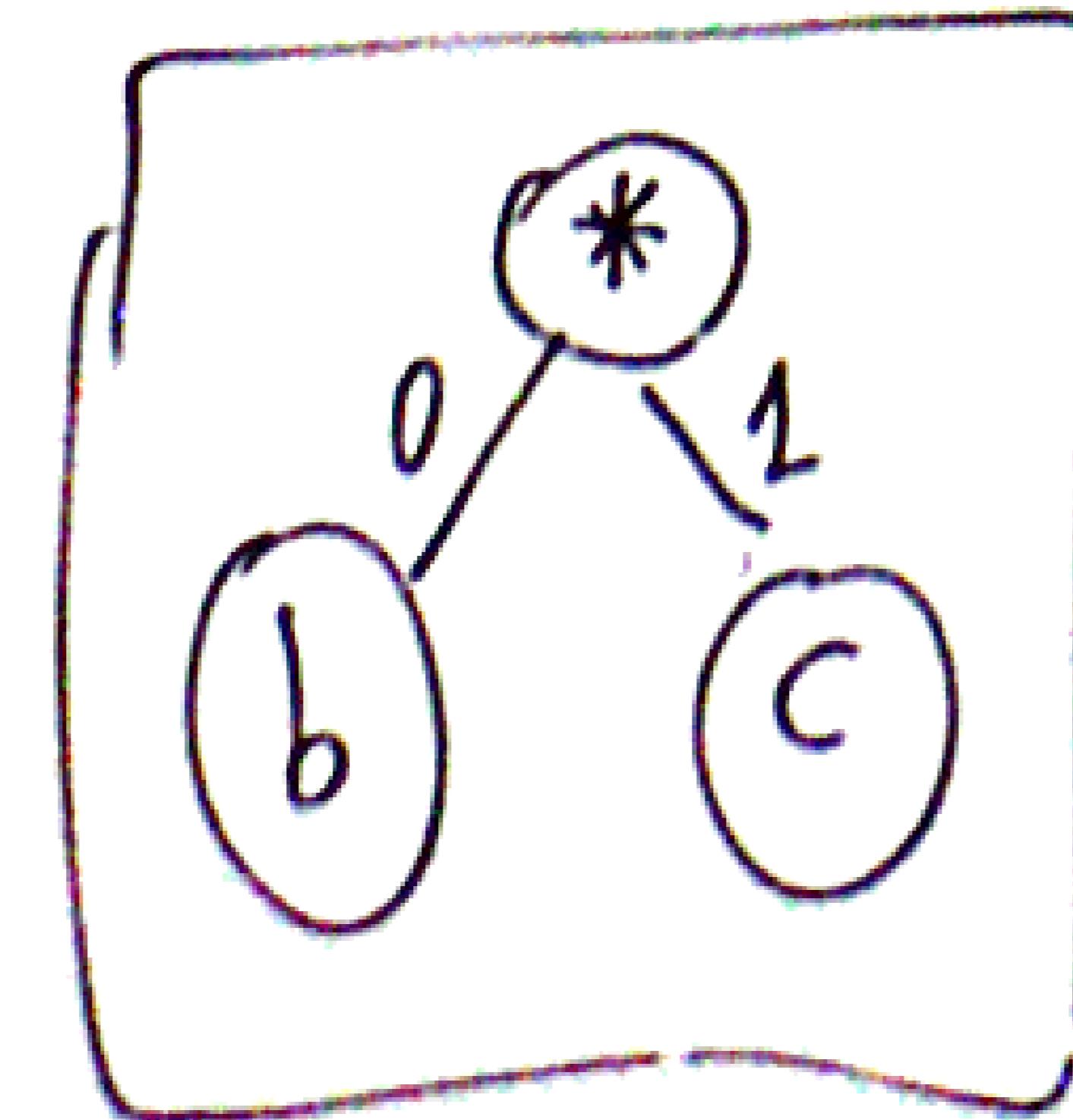


$f: \Sigma \rightarrow \{0, 1\}$

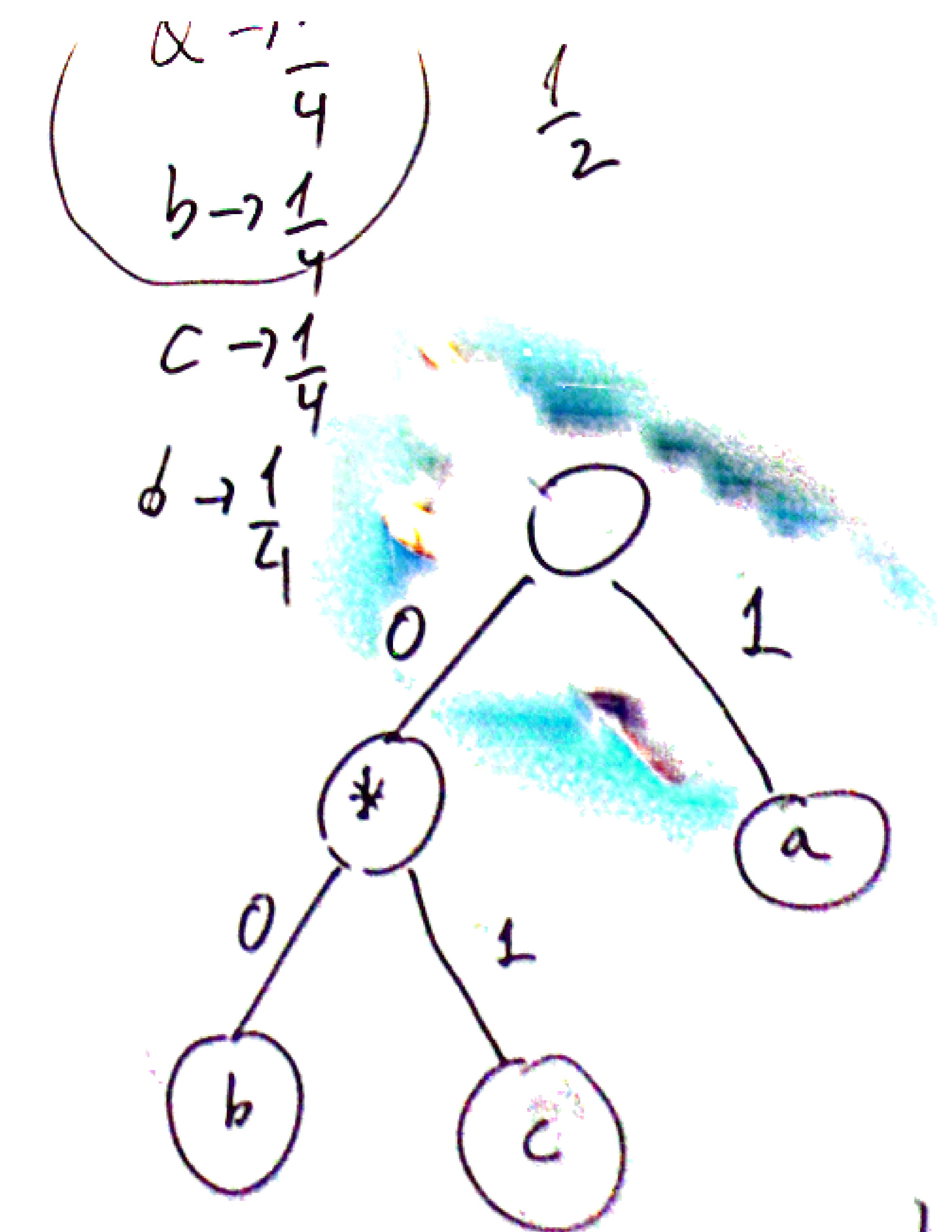
$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow \frac{2}{3}$
 $b \rightarrow \frac{2}{9}$
 $c \rightarrow \frac{1}{9}$



$a \rightarrow \frac{2}{3}$
 $* \rightarrow \frac{1}{3}$



$f: \Sigma \rightarrow \{0,1\}$

$\tau: \Sigma \rightarrow \{0,1\}^*$ $l_{p_f}(\tau)$

$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$

$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^* \text{ lpr}_f(\tau)$

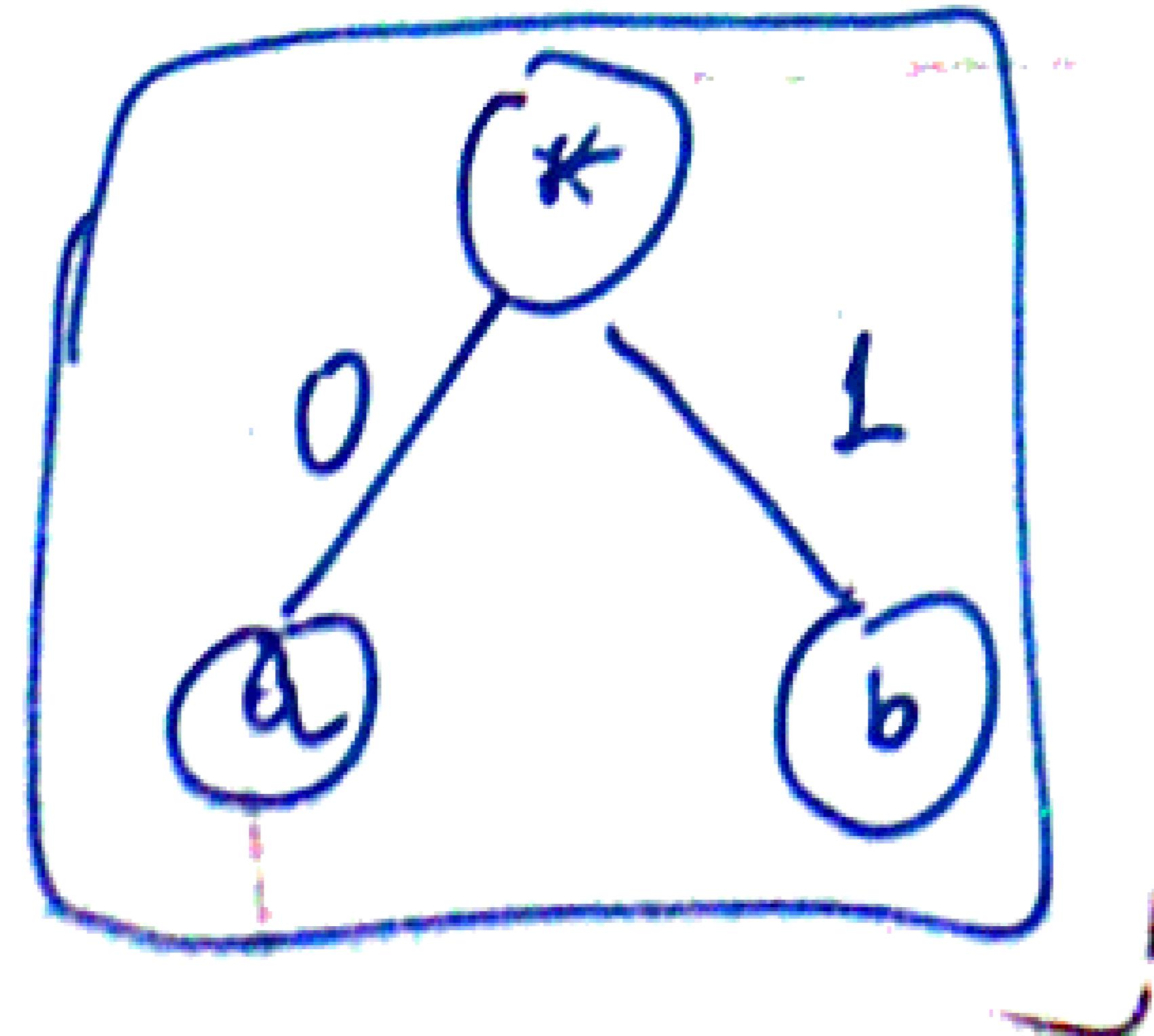
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

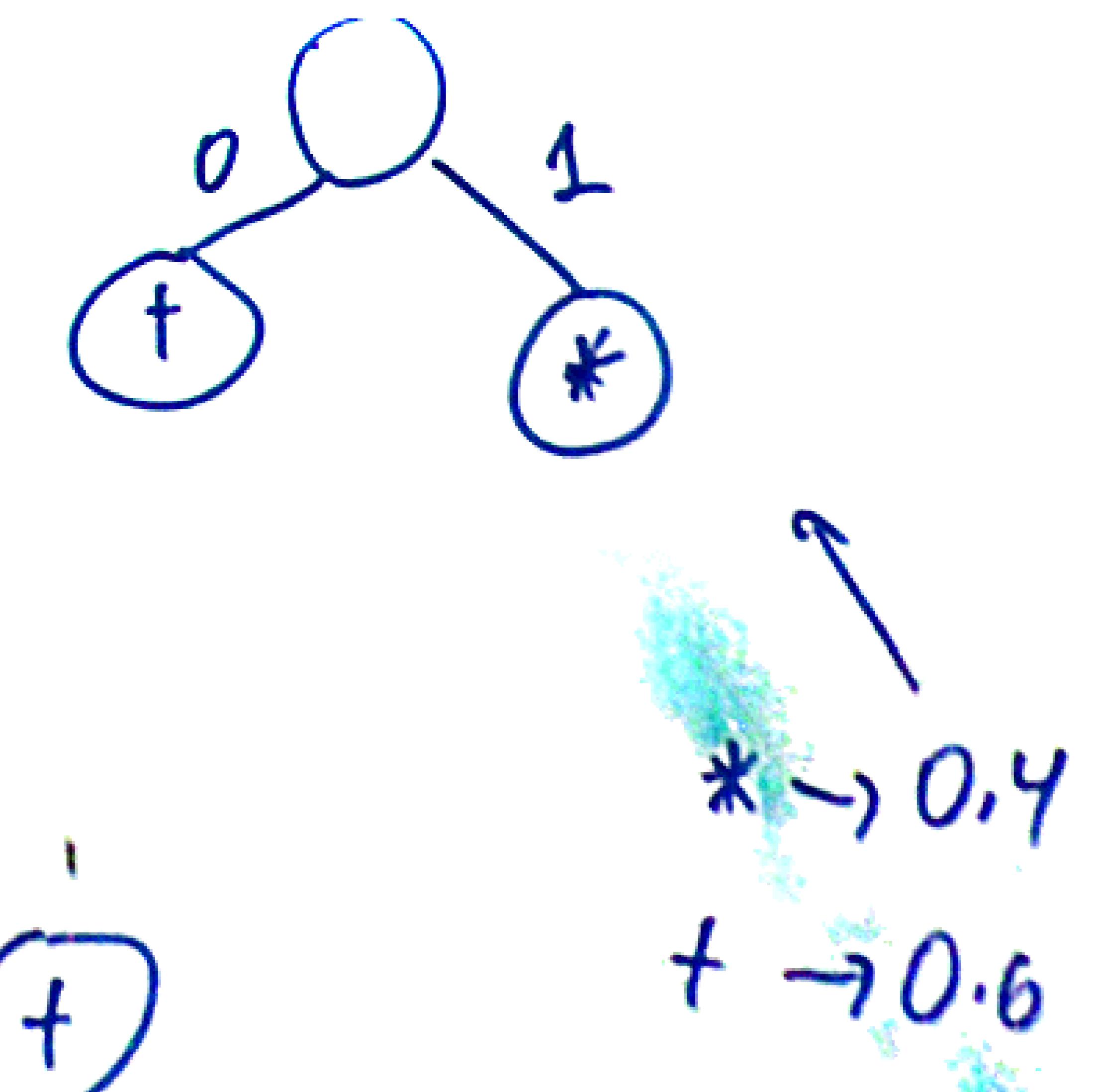
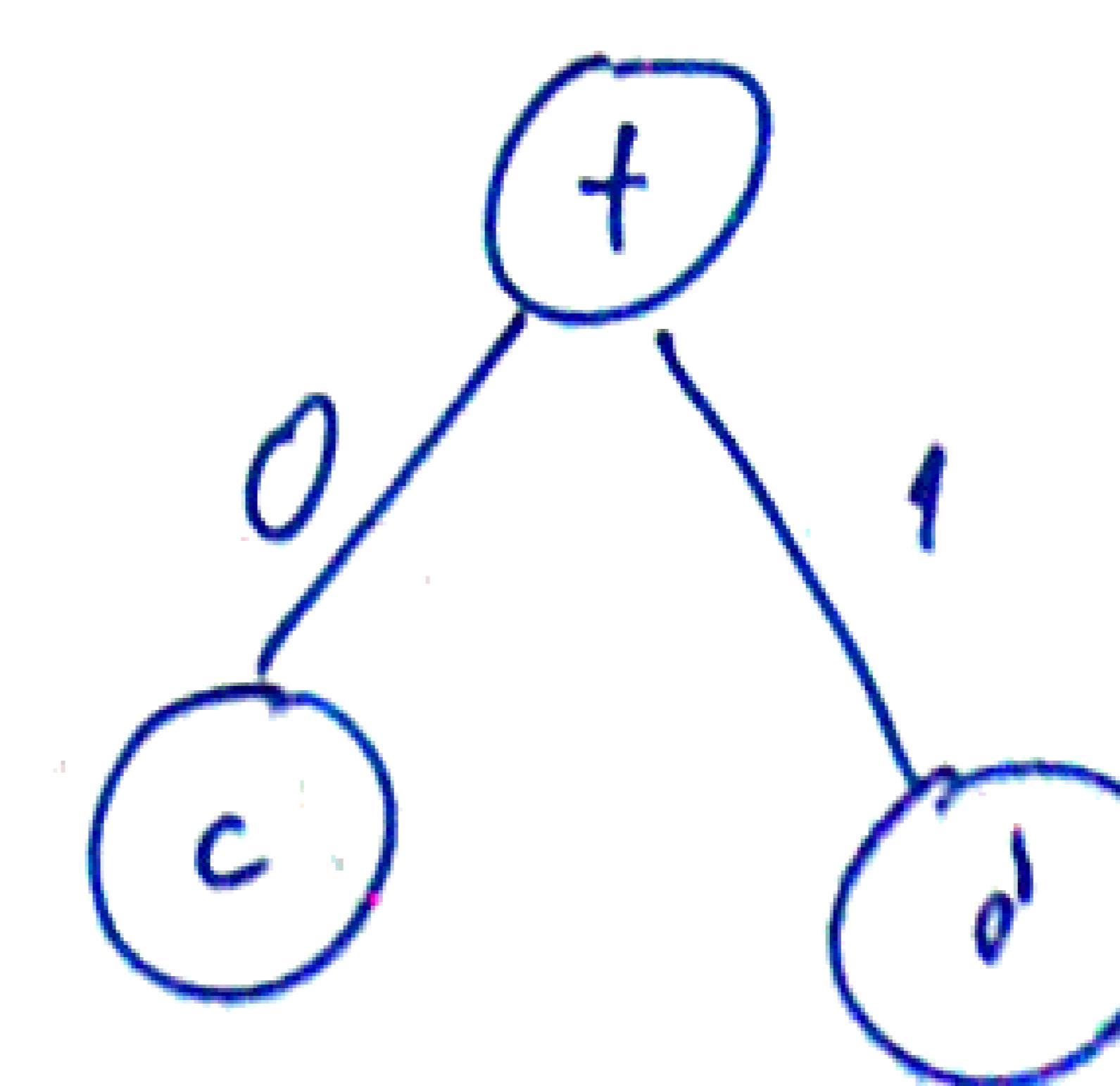
$d \rightarrow 0.3$



$* \rightarrow 0.4$

$c \rightarrow 0.3$

$d \rightarrow 0.3$



$$f: \Sigma \rightarrow \{0, 1\}$$

$$\tau: \Sigma \rightarrow \{0, 1\}^* \quad \text{lp}_f(\tau)$$

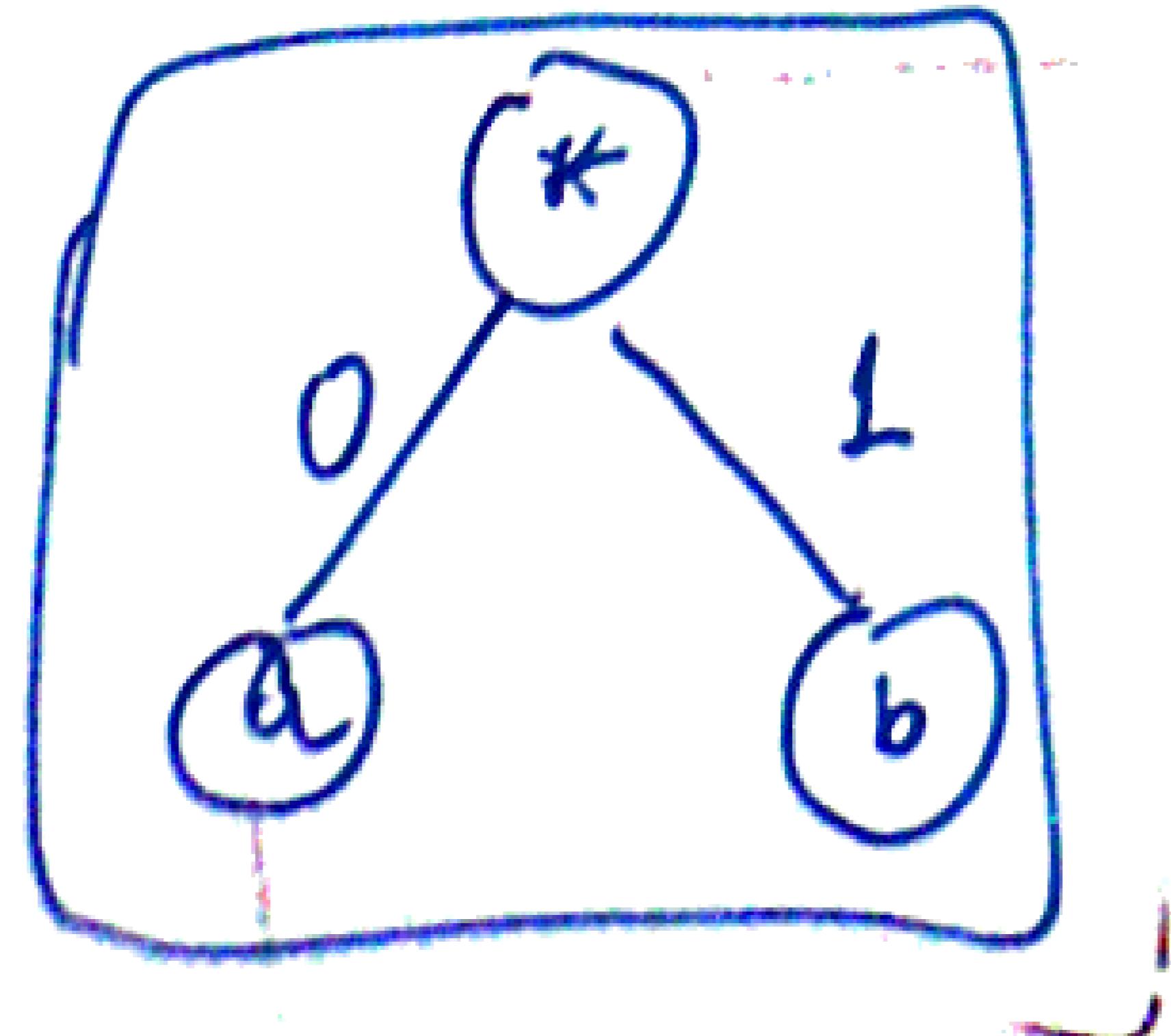
$$\underline{f(a) \leq f(b) \leq f(c)} \quad \forall c \in \Sigma \setminus \{a, b\}$$

$$a \rightarrow 0.2$$

$$b \rightarrow 0.2$$

$$c \rightarrow 0.3$$

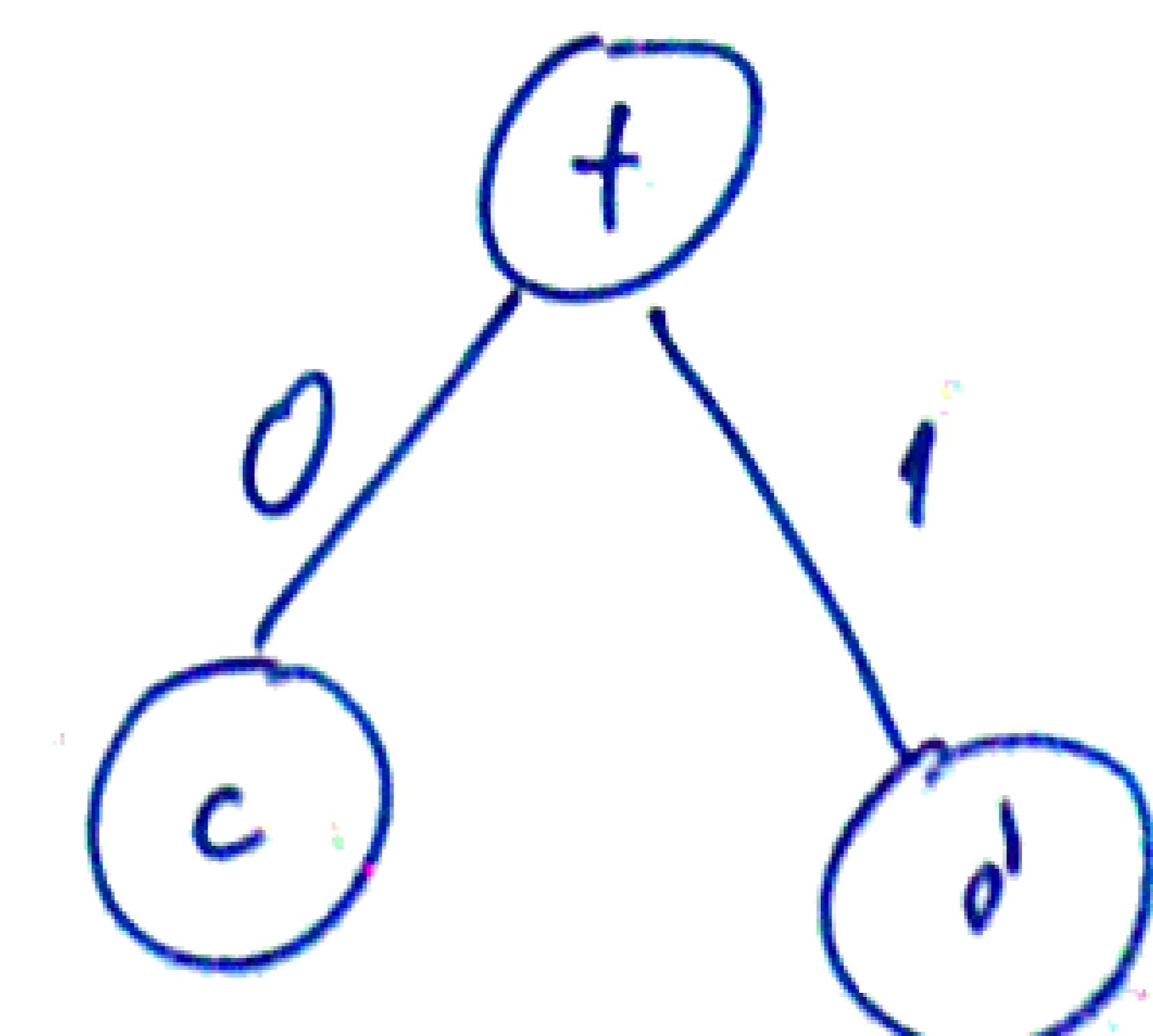
$$d \rightarrow 0.3$$



$$* \rightarrow 0.4$$

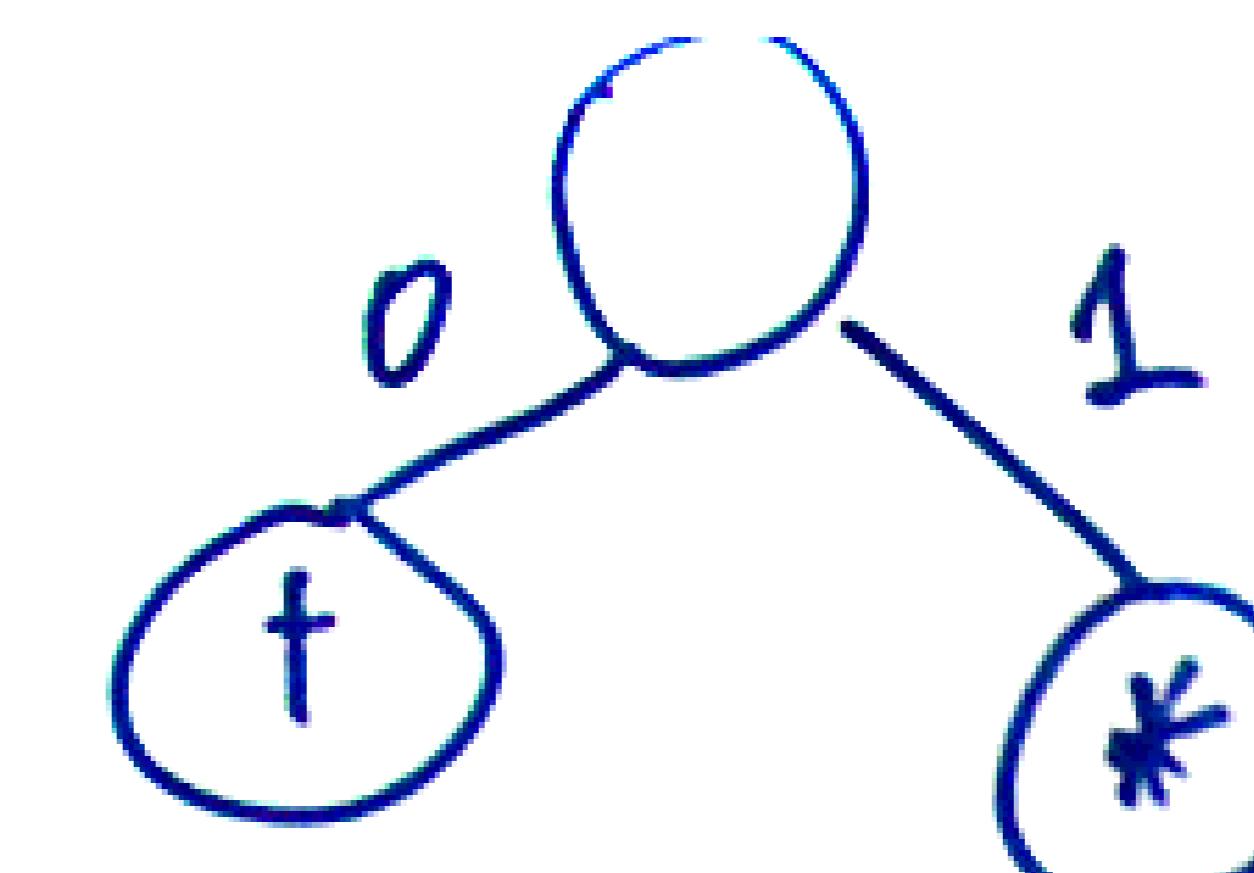
$$c \rightarrow 0.3$$

$$d \rightarrow 0.3$$



$$+ \rightarrow 0.6$$

$$* \rightarrow 0.4$$



$$f: \Sigma \rightarrow \{0, 1\}$$

$$\tau: \Sigma \rightarrow \{0, 1\}^* \quad \text{lp}_f(\tau)$$

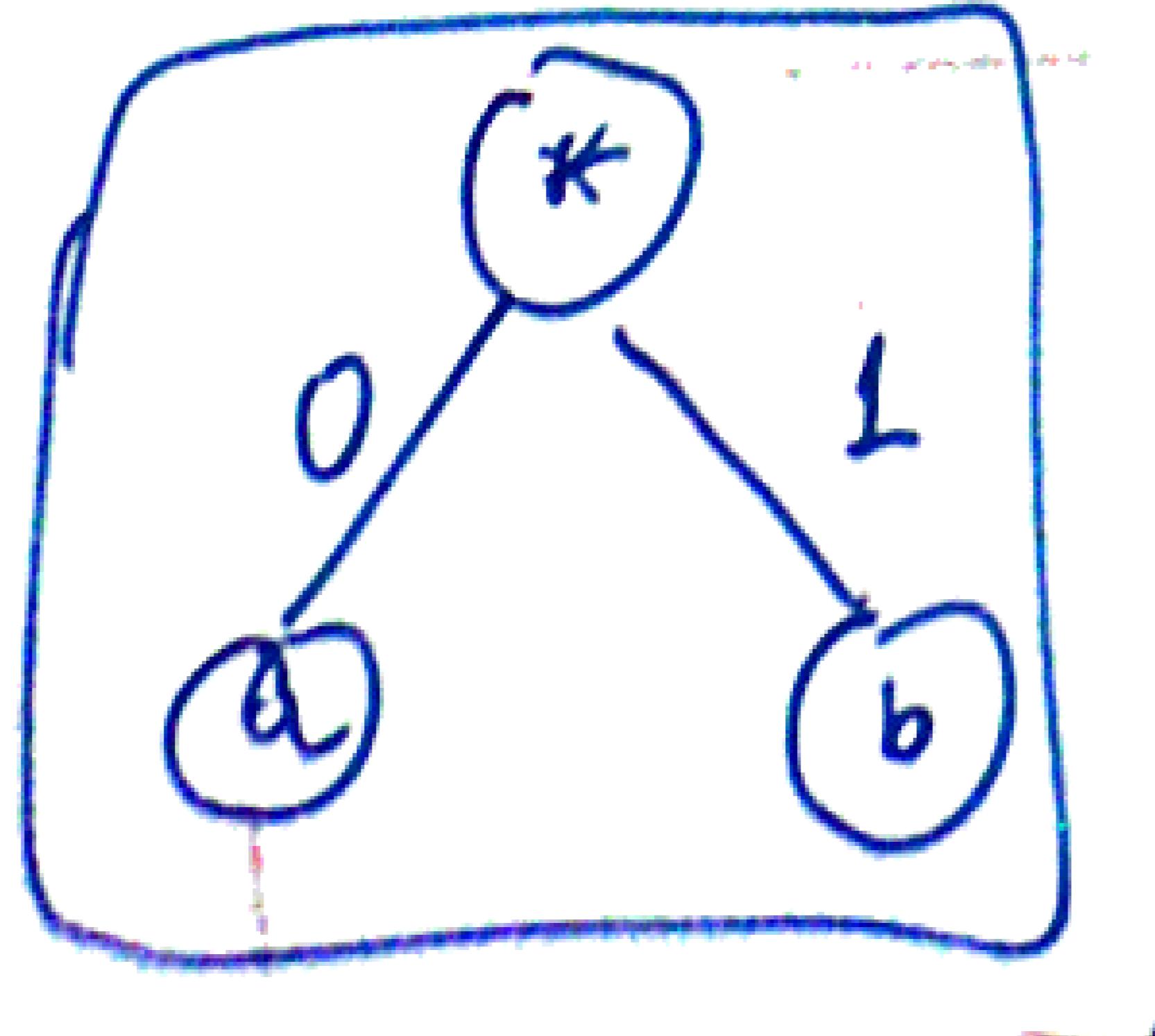
$$\underline{f(a) \leq f(b) \leq f(c)} \quad \forall c \in \Sigma \setminus \{a, b\}$$

$$a \rightarrow 0.2$$

$$b \rightarrow 0.2$$

$$c \rightarrow 0.3$$

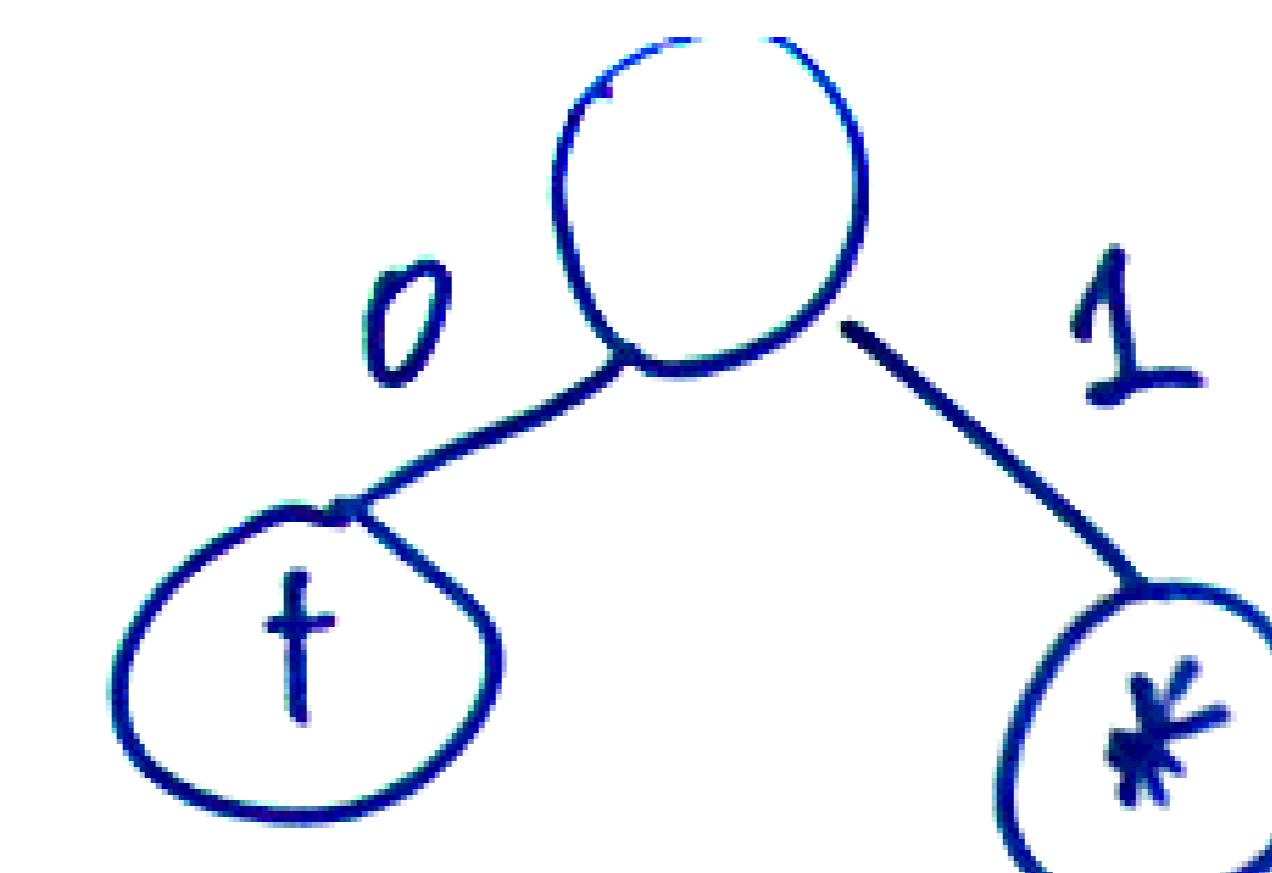
$$d \rightarrow 0.3$$



$$* \rightarrow 0.4$$

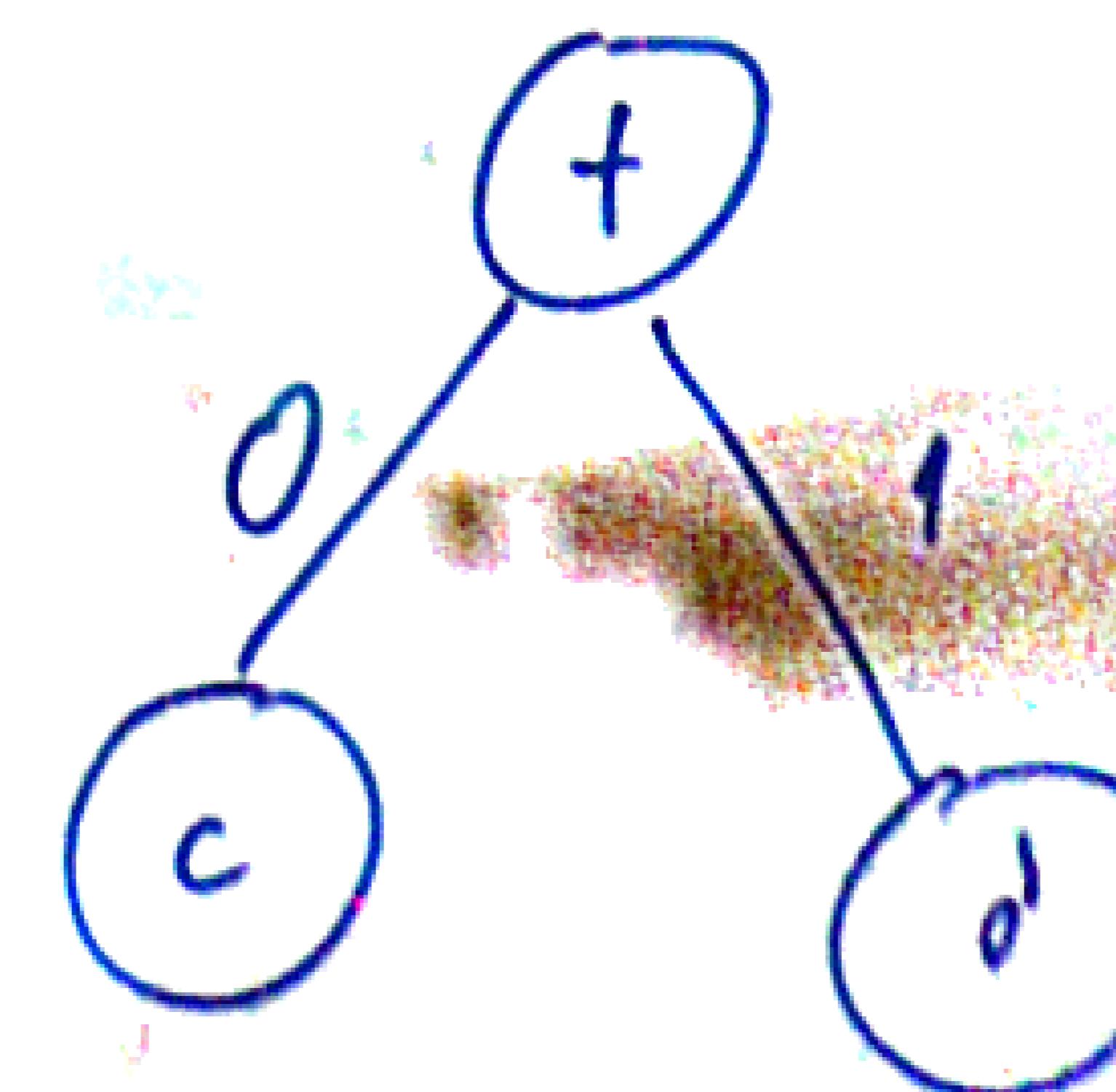
$$c \rightarrow 0.3$$

$$d \rightarrow 0.3$$



$$* \rightarrow 0.4$$

$$t \rightarrow 0.6$$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^* \text{ lip}_f(\tau)$

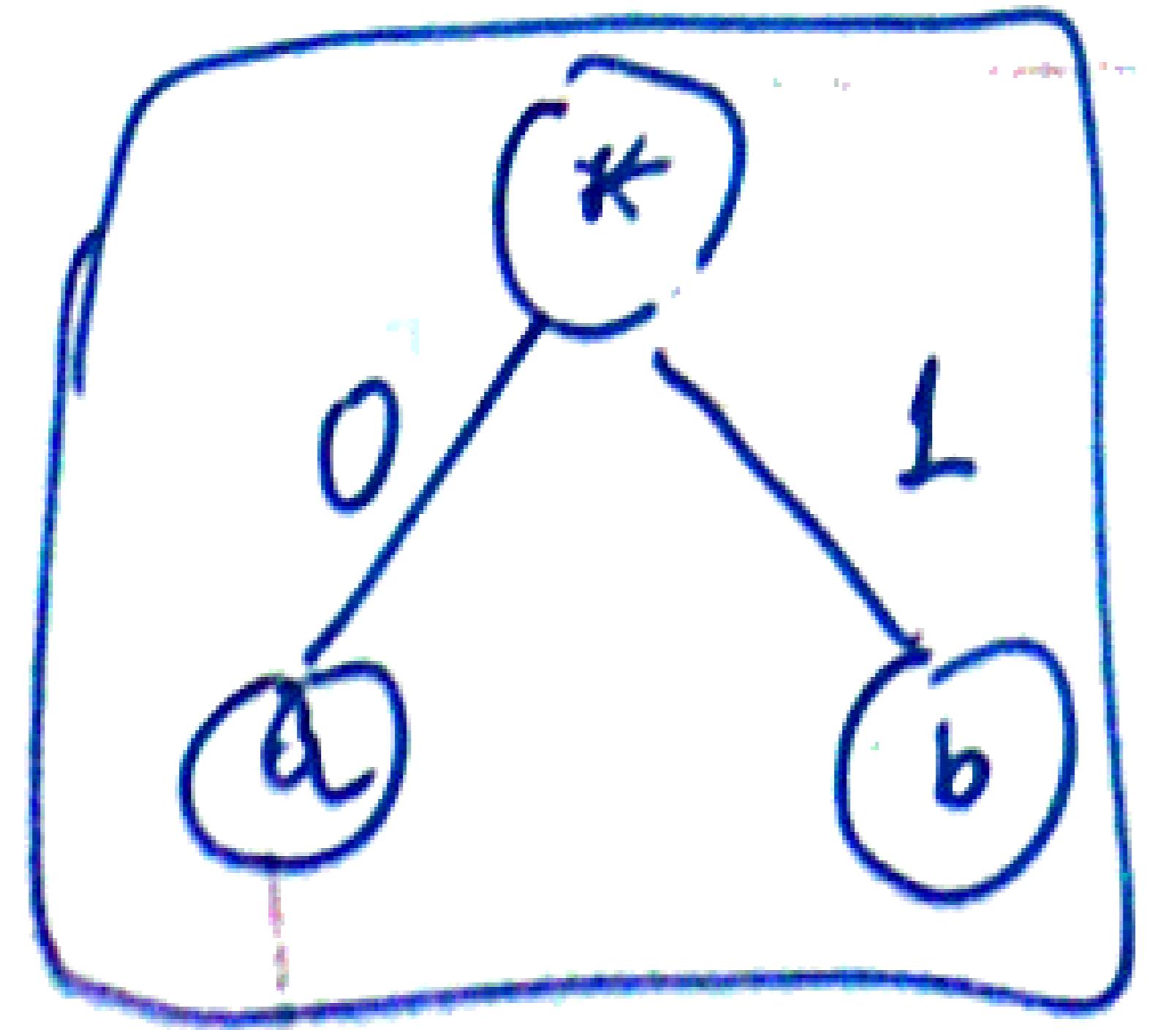
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$

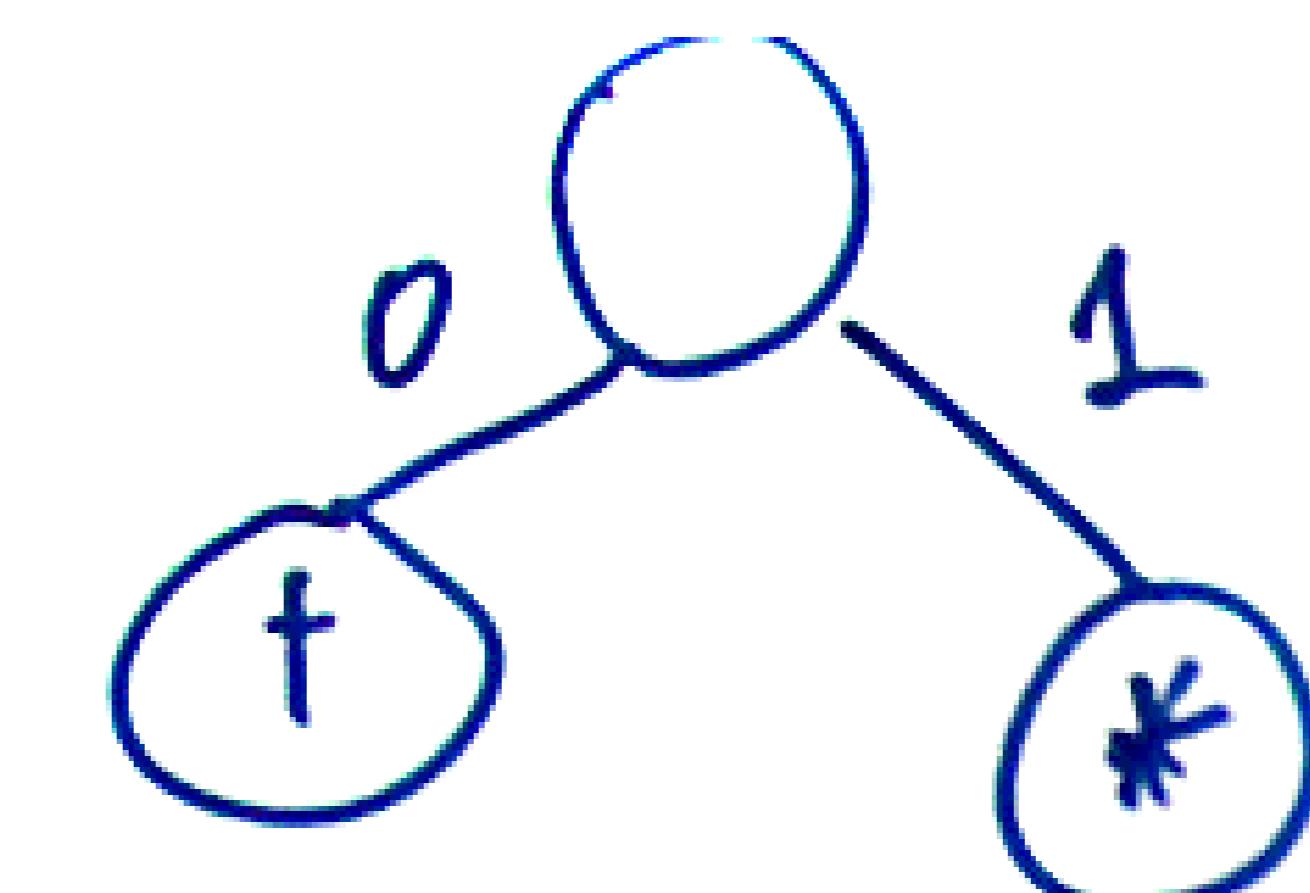


$* \rightarrow 0.4$

$c \rightarrow 0.3$

$d \rightarrow 0.3$

$[g :=]$



$T(a)$

$T(b)$

$\{(a, 0), (b, 1), (c, 1)\}$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^* \text{ lpr}_f(\tau)$

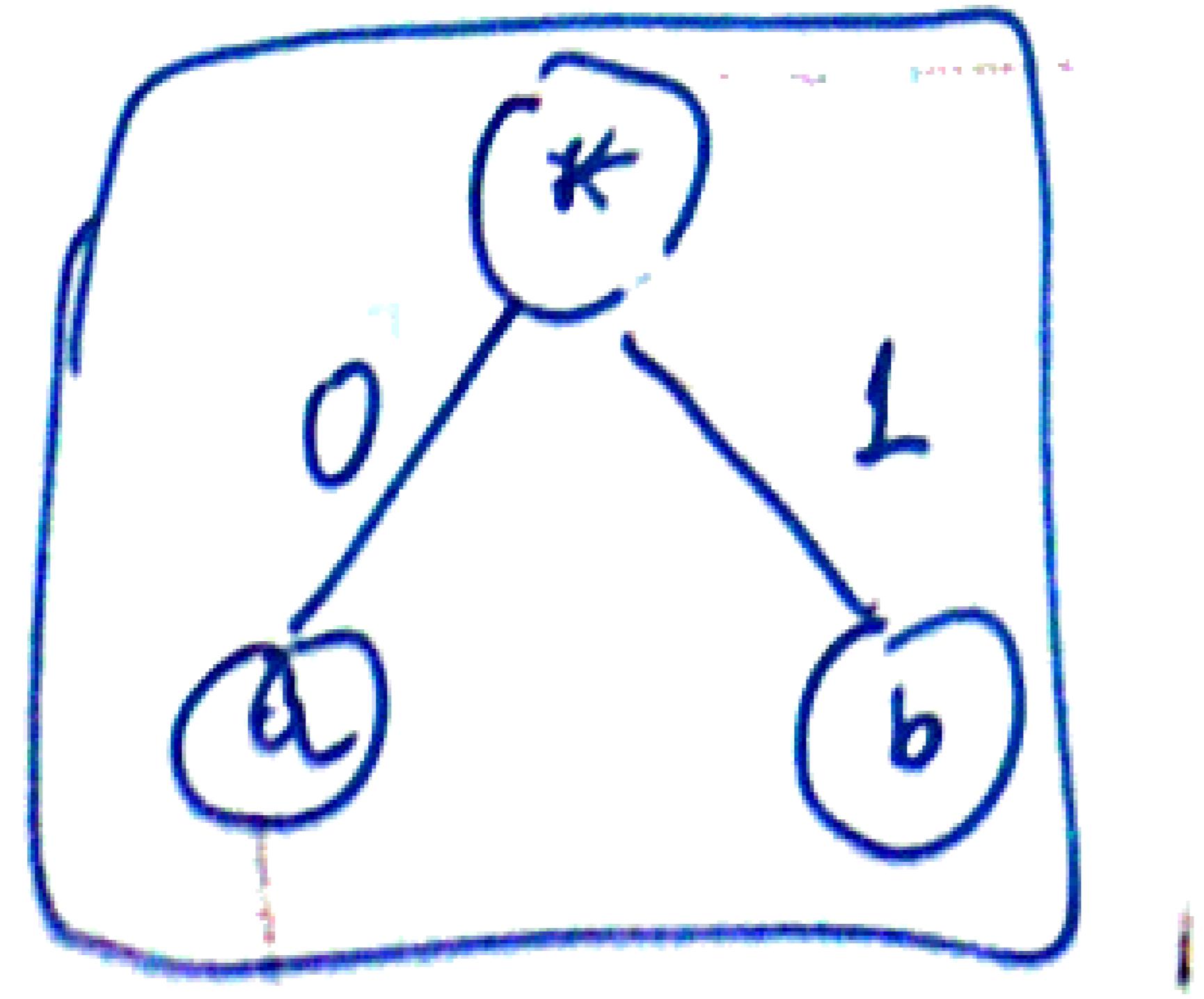
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$

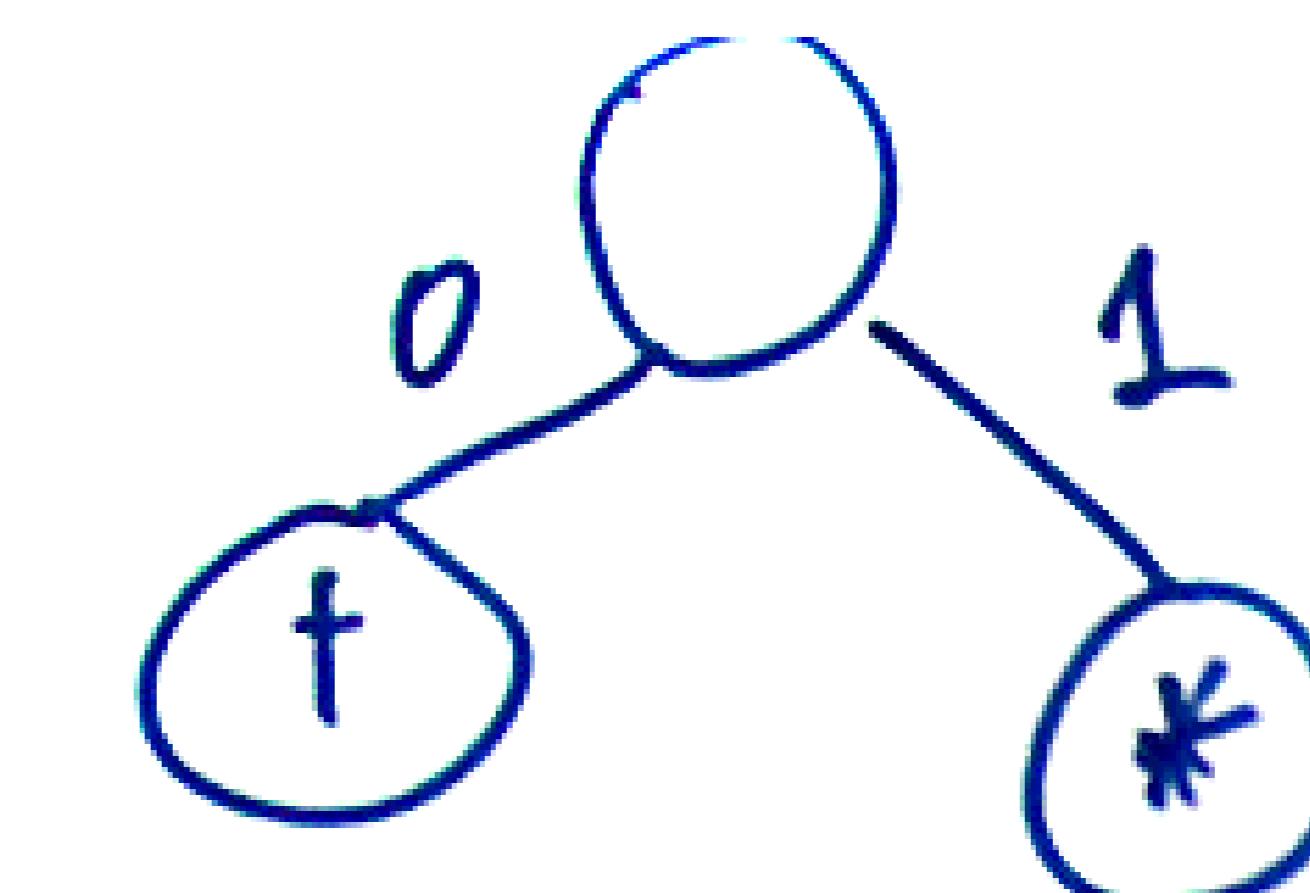


$* \rightarrow 0.4$

$c \rightarrow 0.3$

$d \rightarrow 0.3$

$[g :=]$



$T(a)$

$T(b)$

$\{(a, 0), (b, 1), (c, 1)\}$

$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^* \text{ lpr}_f(\tau)$

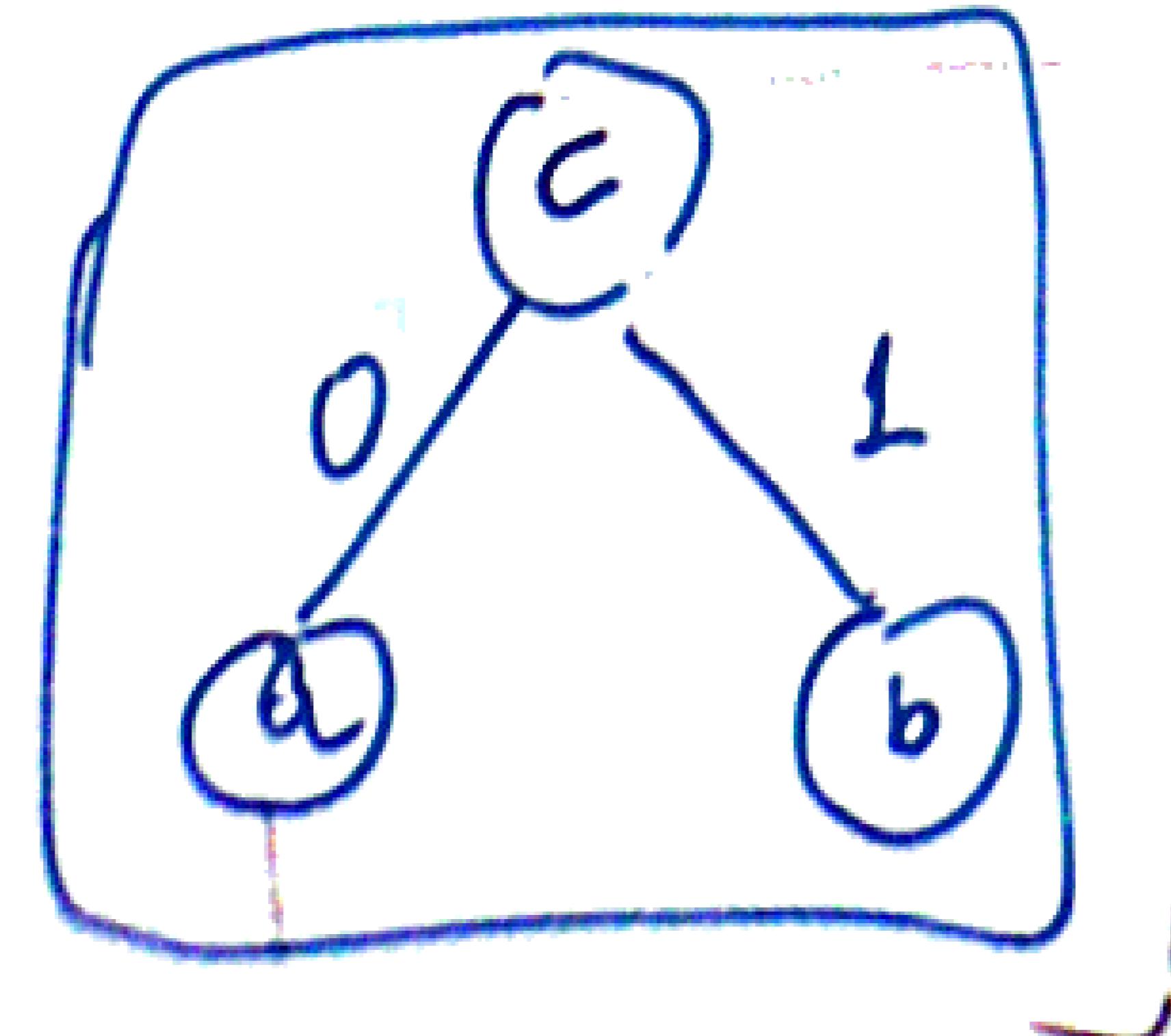
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

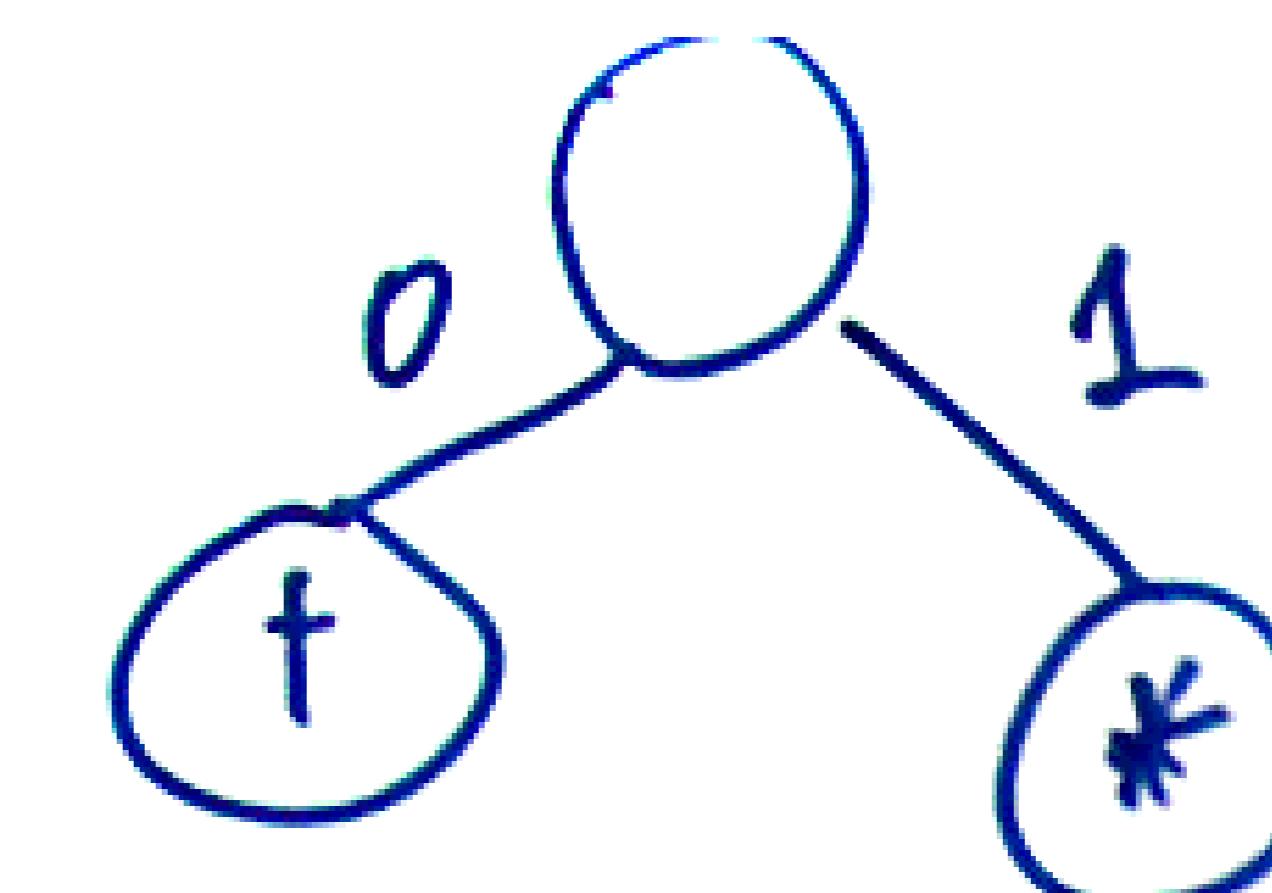
$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$



$g := f \setminus \{(a, f(a)), (b, f(b))\}$
 $\cup \{(c, f(a) + f(b))\}$



$f: \Sigma \rightarrow \{0, 1\}$ $\tau: \Sigma \rightarrow \{0, 1\}^* \text{ lpr}_f(\tau)$

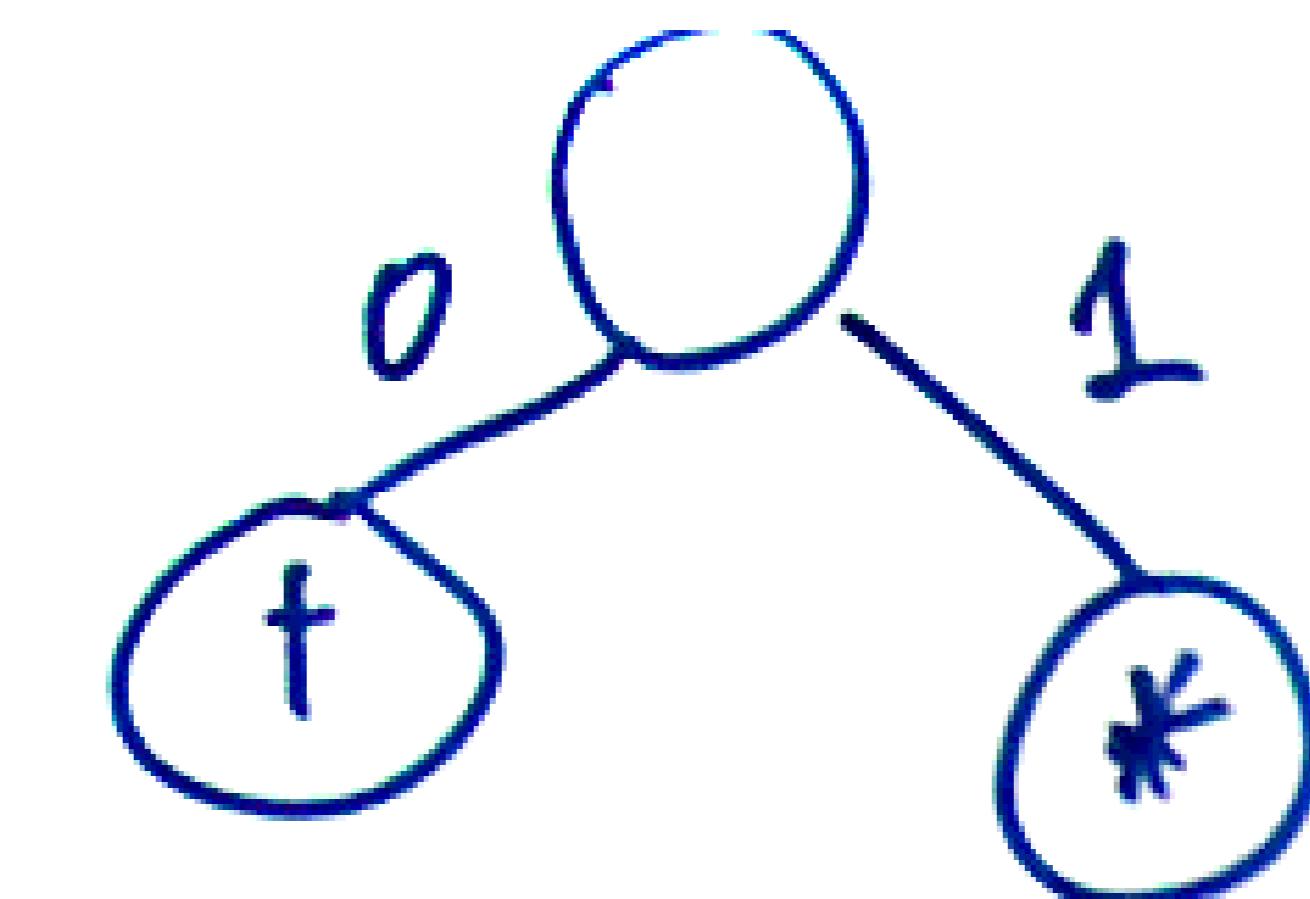
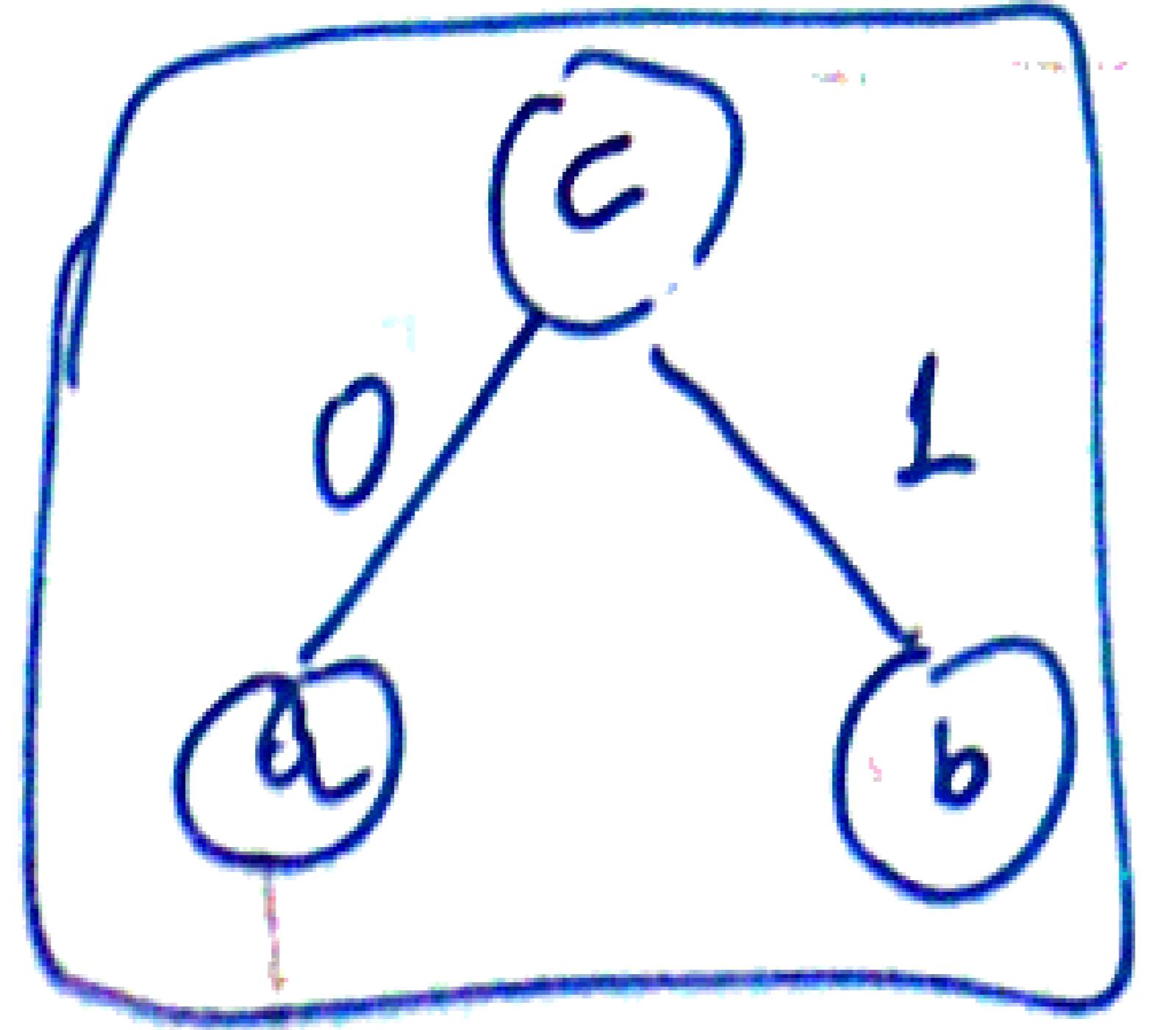
$$\underline{f(a) \leq f(b) \leq f(c)} \quad \forall c \in \Sigma \setminus \{a, b\}$$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$



$$g := f \setminus \{(a, f(a)), (b, f(b))\} \\ \cup \{(c, f(a) + f(b))\}.$$

 τ^*

$$f: \Sigma \rightarrow \{0, 1\}$$

$$\tau: \Sigma \rightarrow \{0, 1\}^* \quad \text{lp}_f(\tau)$$

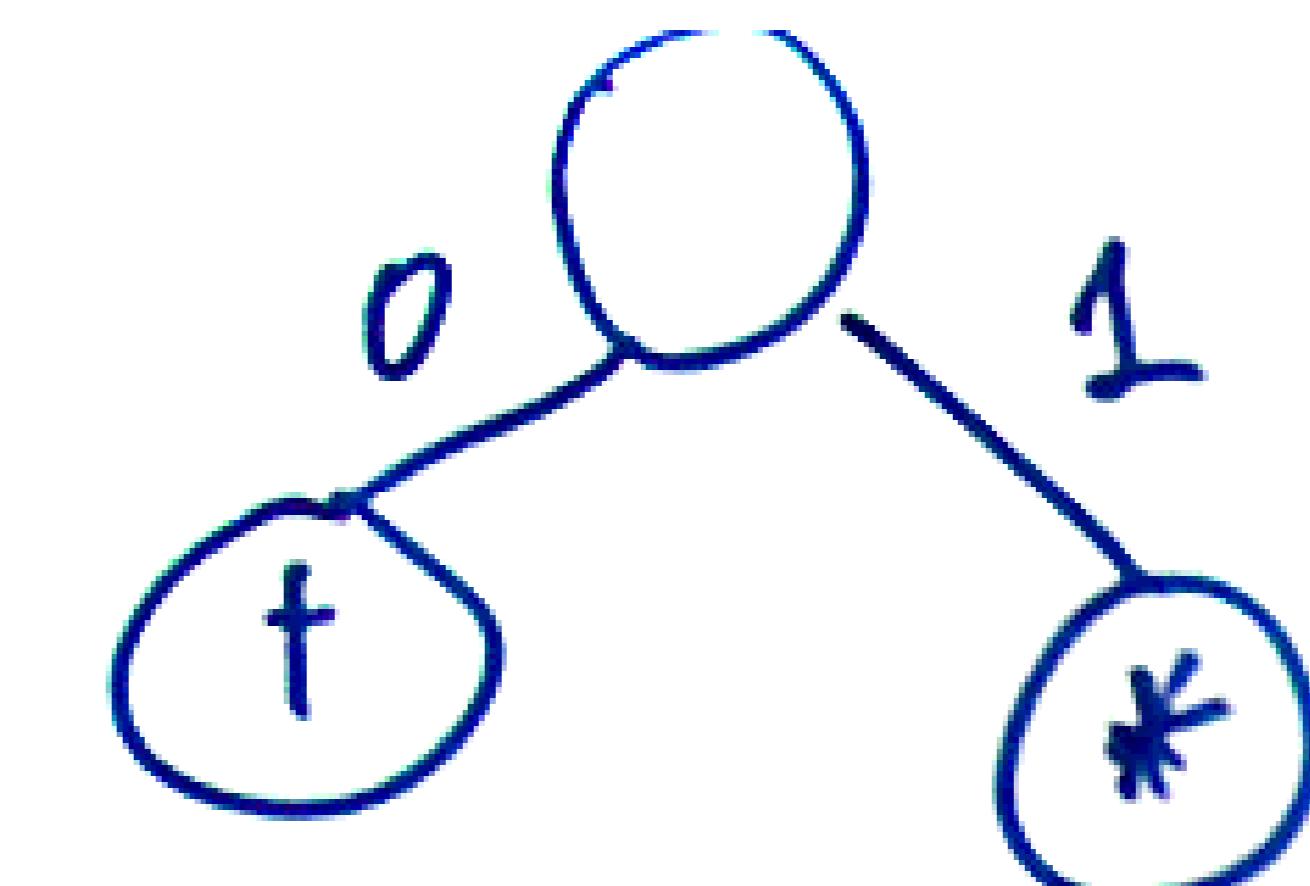
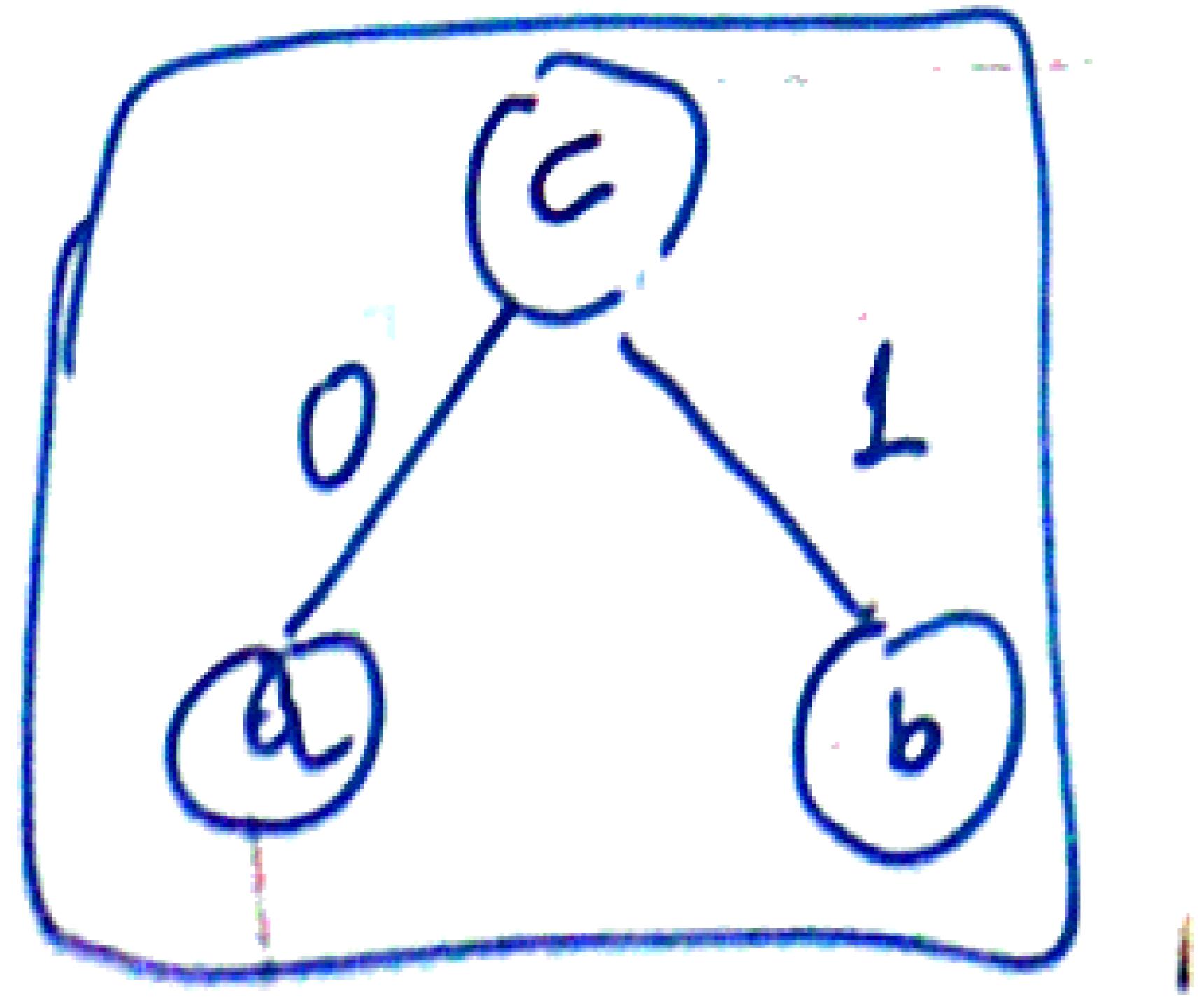
$$\underline{f(a) \leq f(b) \leq f(c)} \quad \forall c \in \Sigma \setminus \{a, b\}$$

$$a \rightarrow 0.2$$

$$b \rightarrow 0.2$$

$$c \rightarrow 0.3$$

$$d \rightarrow 0.3$$



$$g := f \setminus \{(a, f(a)), (b, f(b))\} \\ \cup \{(c, f(a) + f(b))\}.$$

$$\tau' := \tau^* - \{(c, w)\}$$

$$f: \Sigma \rightarrow \{0,1\}$$

$$\tau: \Sigma \rightarrow \{0,1\}^* \quad \text{lp}_f(\tau)$$

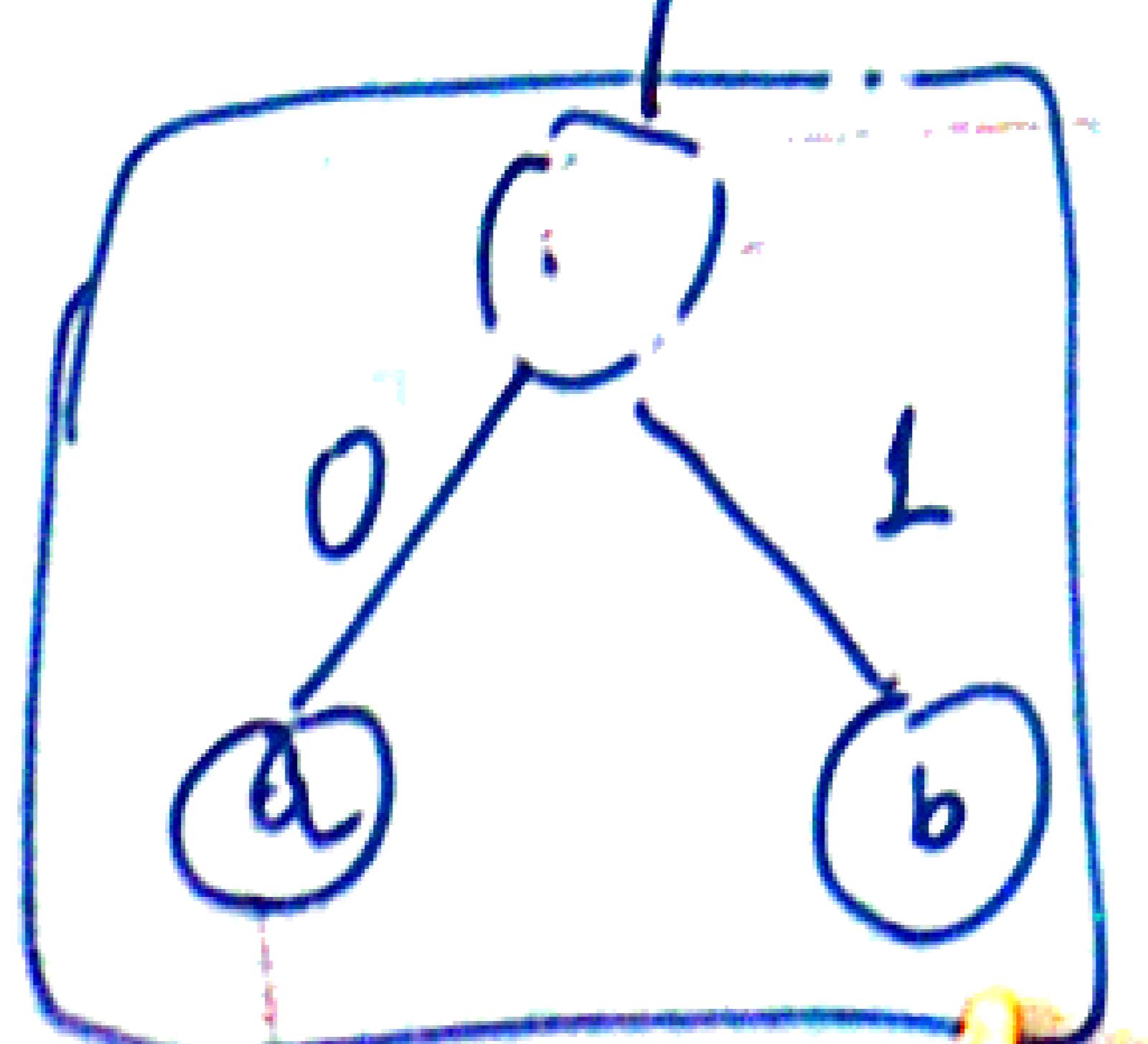
$$\underline{f(a) \leq f(b) \leq f(c)} \quad \forall c \in \Sigma \setminus \{a, b\}$$

$$a \rightarrow 0.2$$

$$b \rightarrow 0.2$$

$$c \rightarrow 0.3$$

$$d \rightarrow 0.3$$

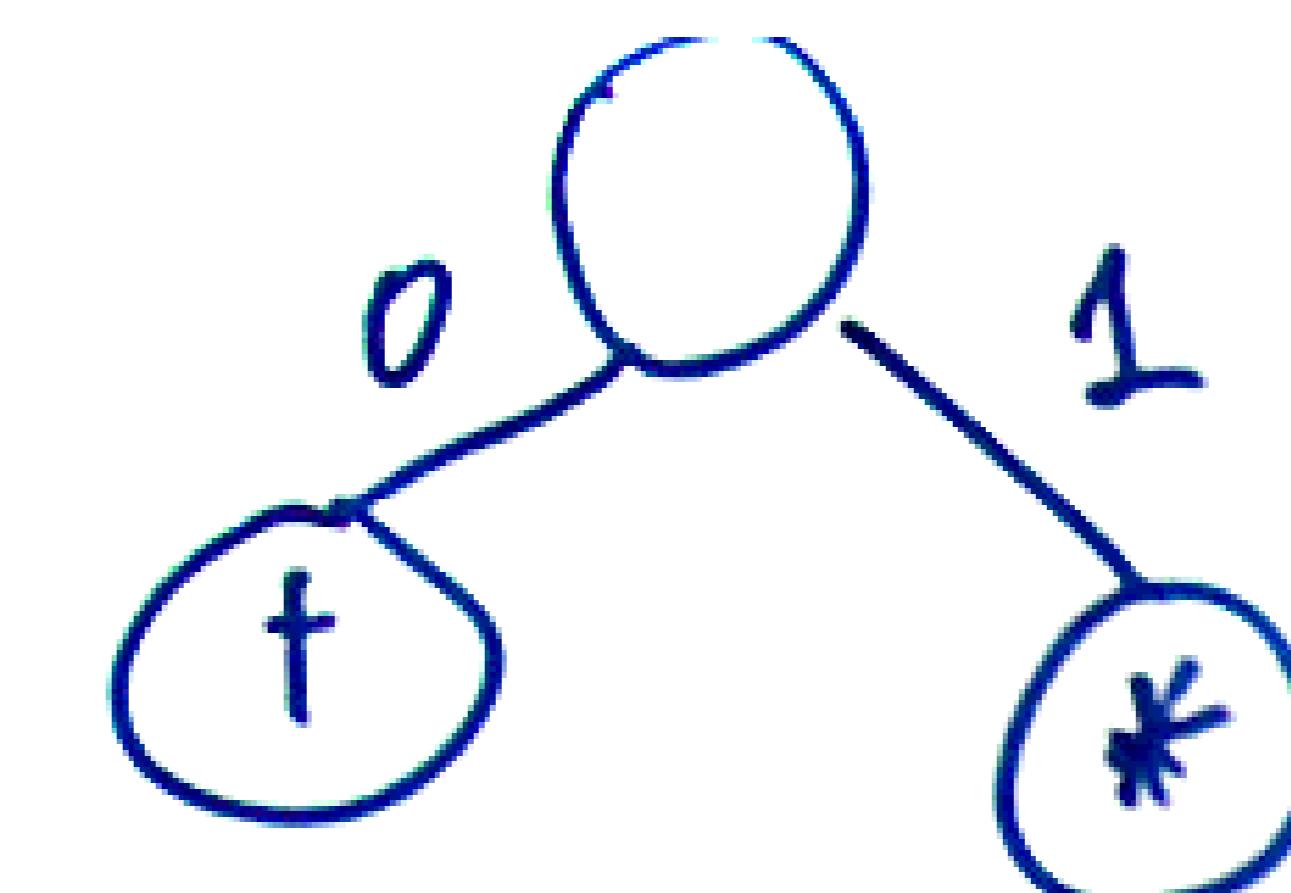


$$g := f \setminus \{(a, f(a)), (b, f(b))\}$$

$$\cup \{(c, f(a) + f(b))\}$$

$$\tau := \tau^* \setminus \{(c, w)\}$$

$$\cup \{(a, w0), (b, w1)\}$$



$$f: \Sigma \rightarrow \{0, 1\}$$

$$\tau: \Sigma \rightarrow \{0, 1\}^* \quad \text{lp}_f(\tau)$$

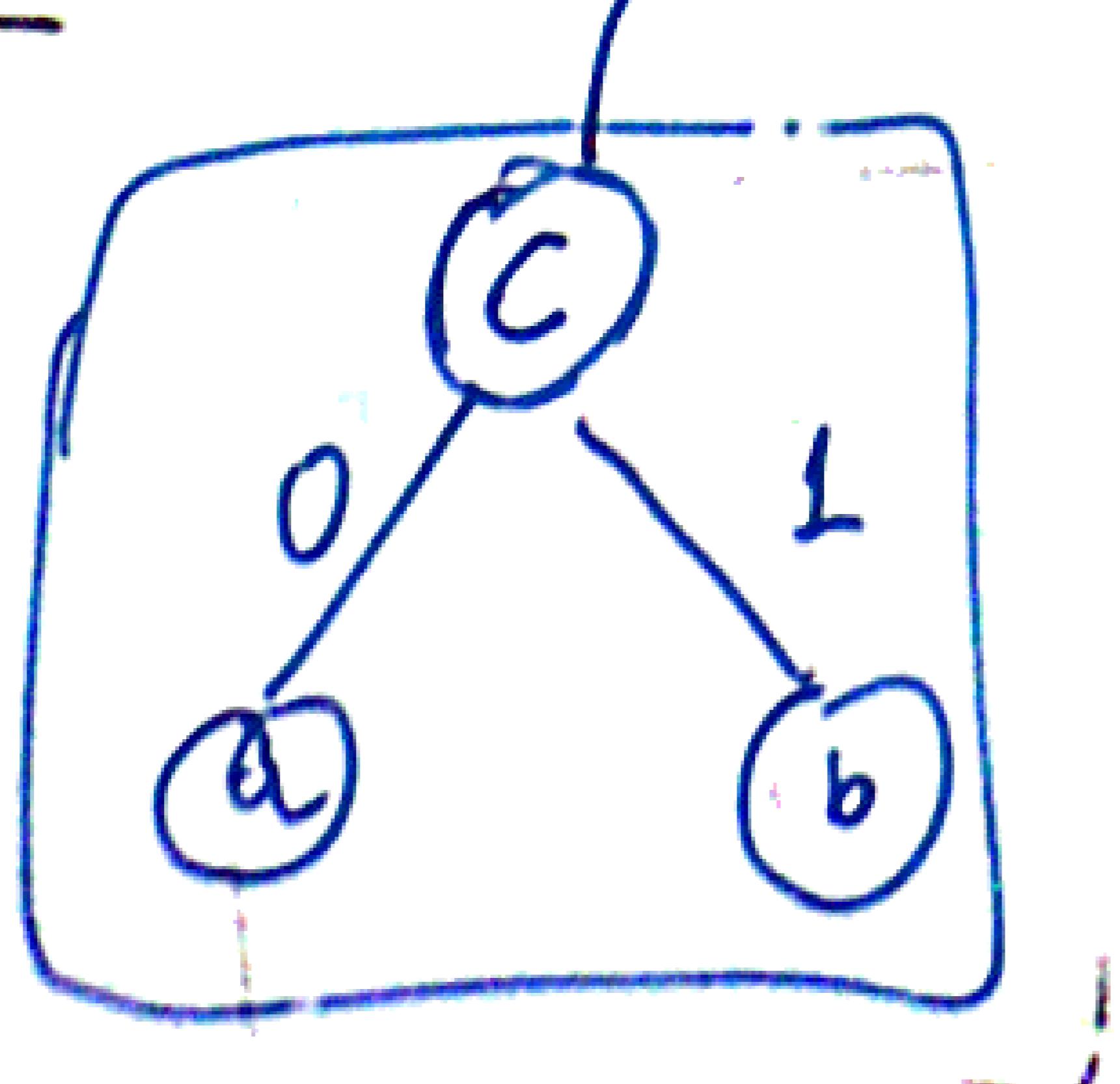
$$\underline{f(a) \leq f(b) \leq f(c)} \quad \forall e \in \Sigma \setminus \{a, b\}$$

$$a \rightarrow 0.2$$

$$b \rightarrow 0.2$$

$$c \rightarrow 0.3$$

$$d \rightarrow 0.3$$

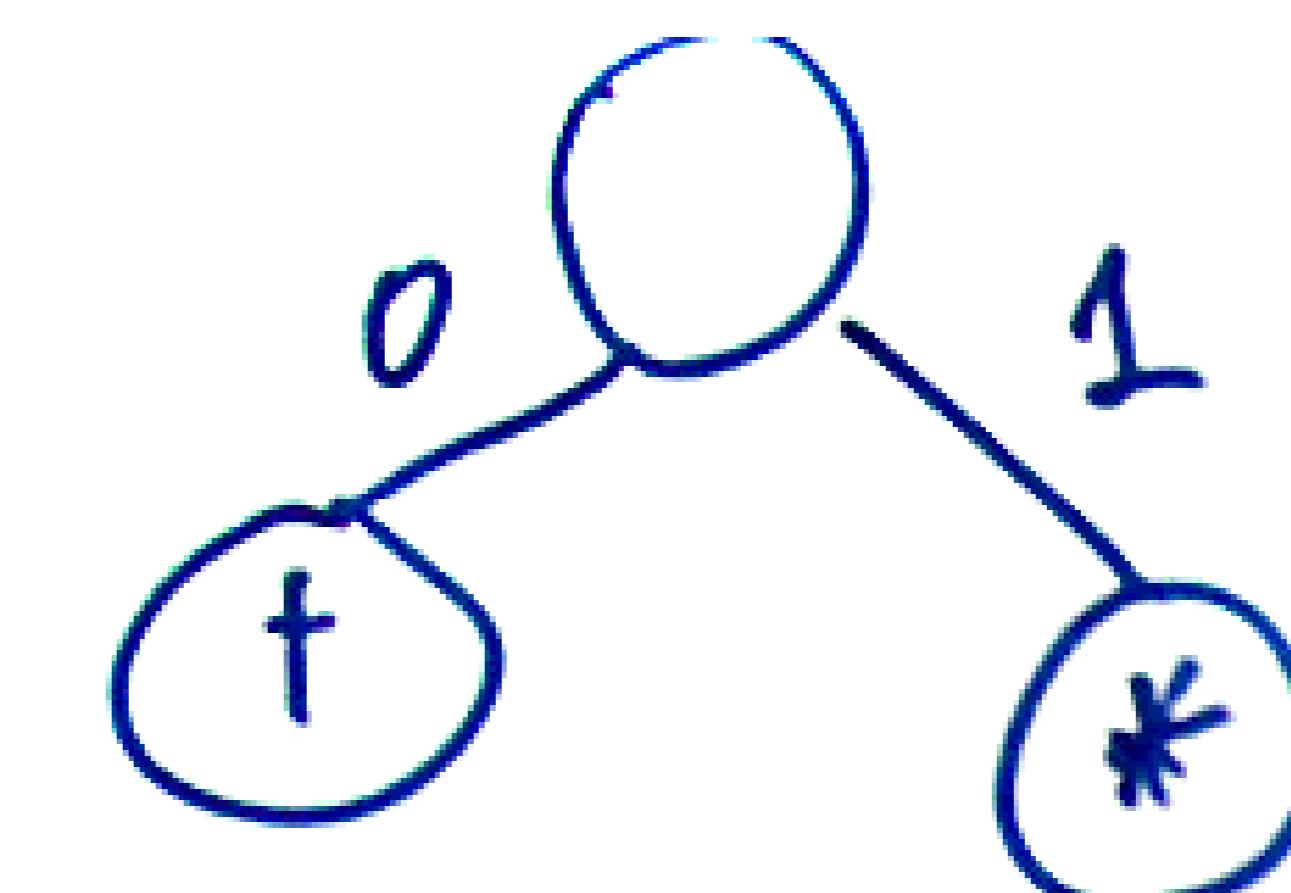


$$g := f \setminus \{(a, f(a)), (b, f(b))\}$$

$$\cup \{(c, f(a) + f(b))\}$$

$$\tau := \tau^* \setminus \{(c, w)\}$$

$$\cup \{(a, w0), (b, w1)\}$$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ ~~lp_f(T)~~

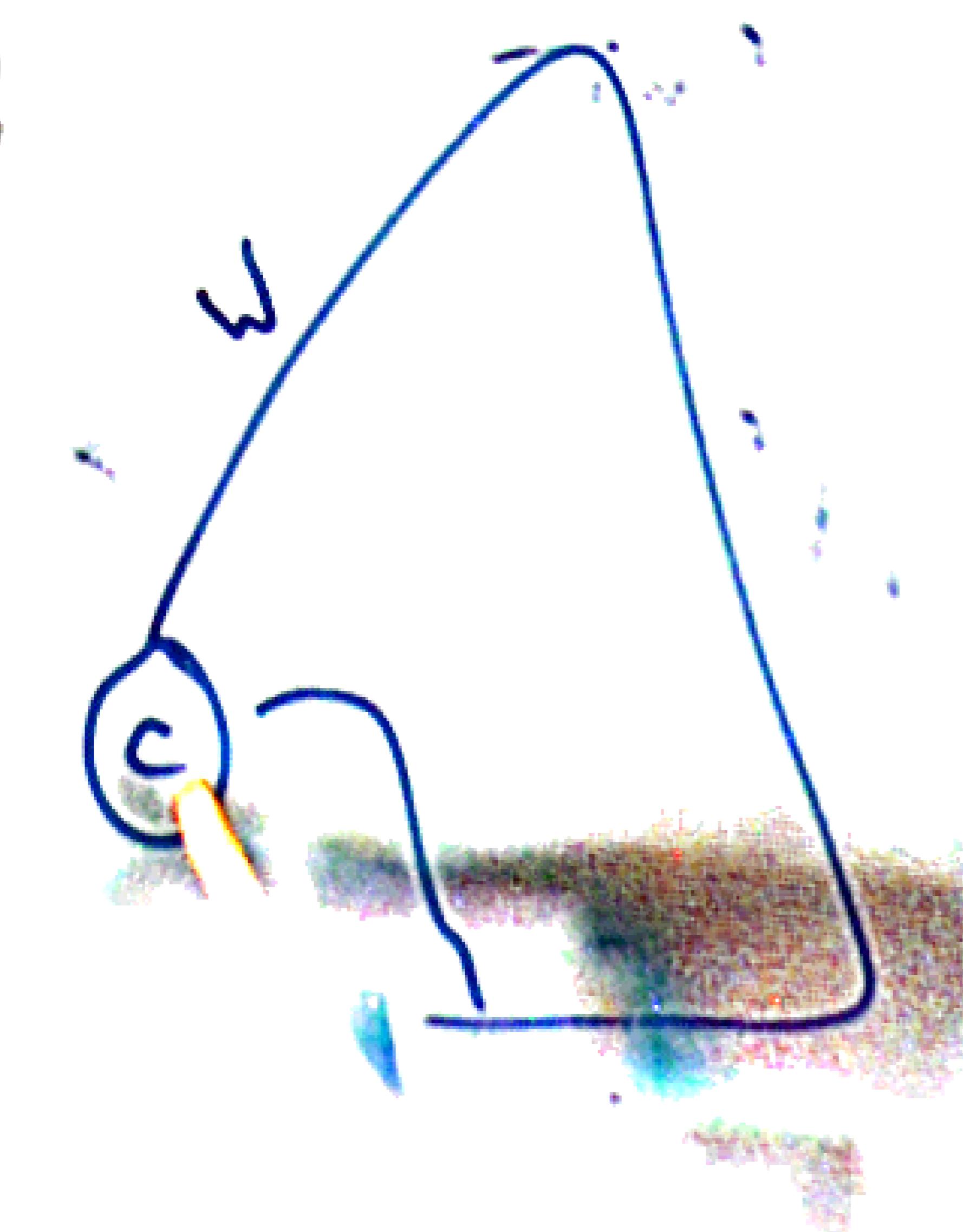
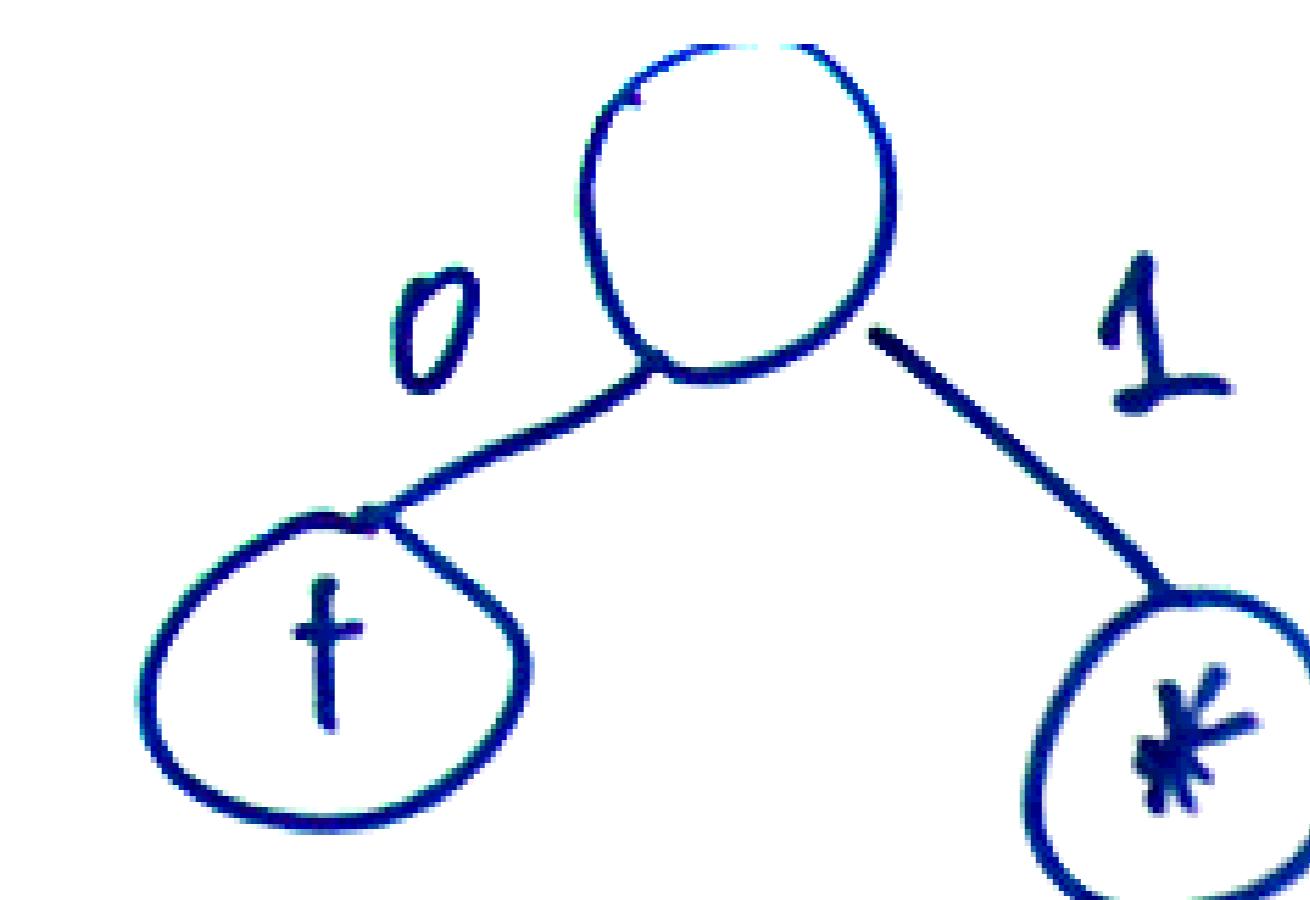
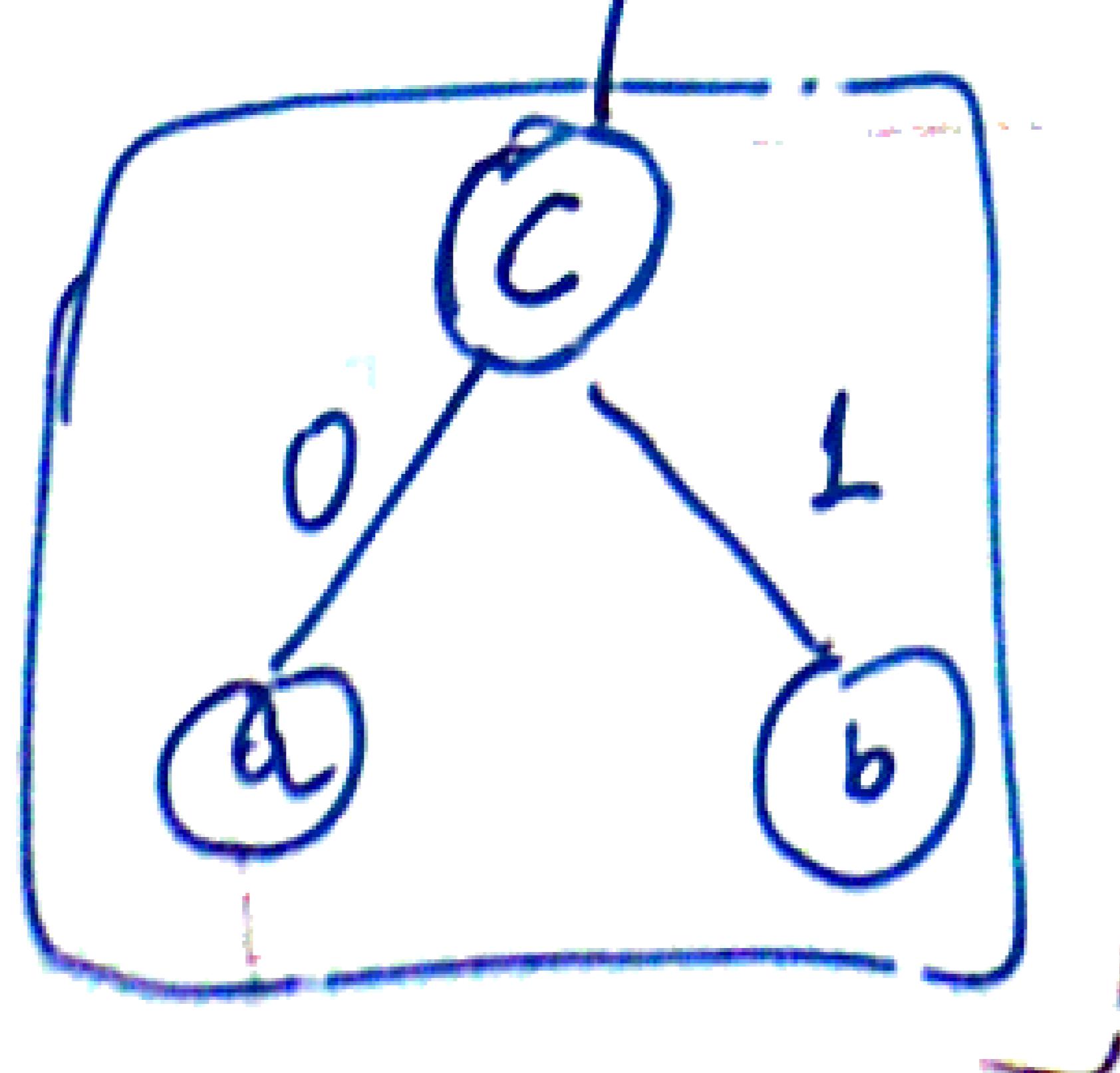
$f(a) \leq f(b) \leq f(c) \quad \forall e \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ ~~lp_f(T)~~

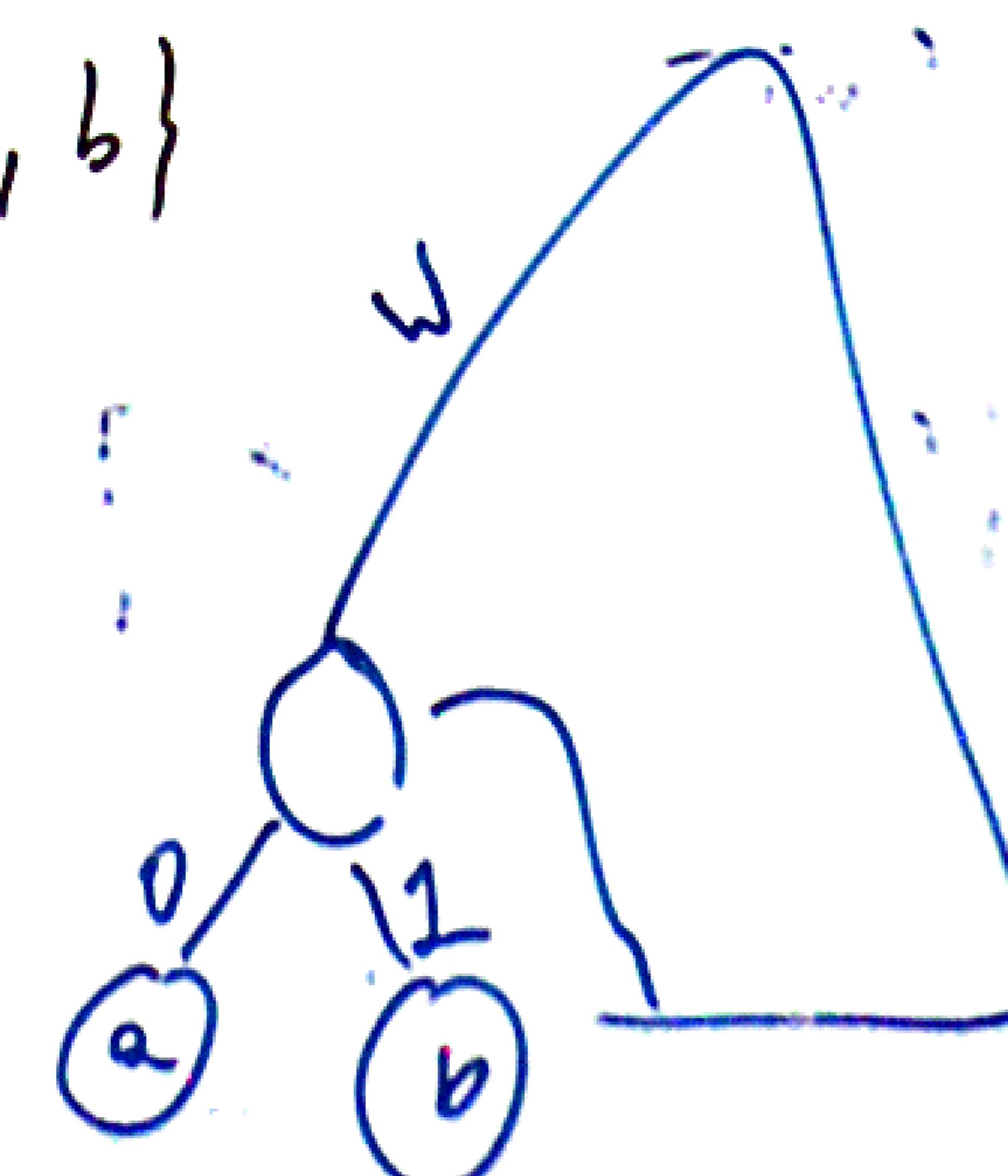
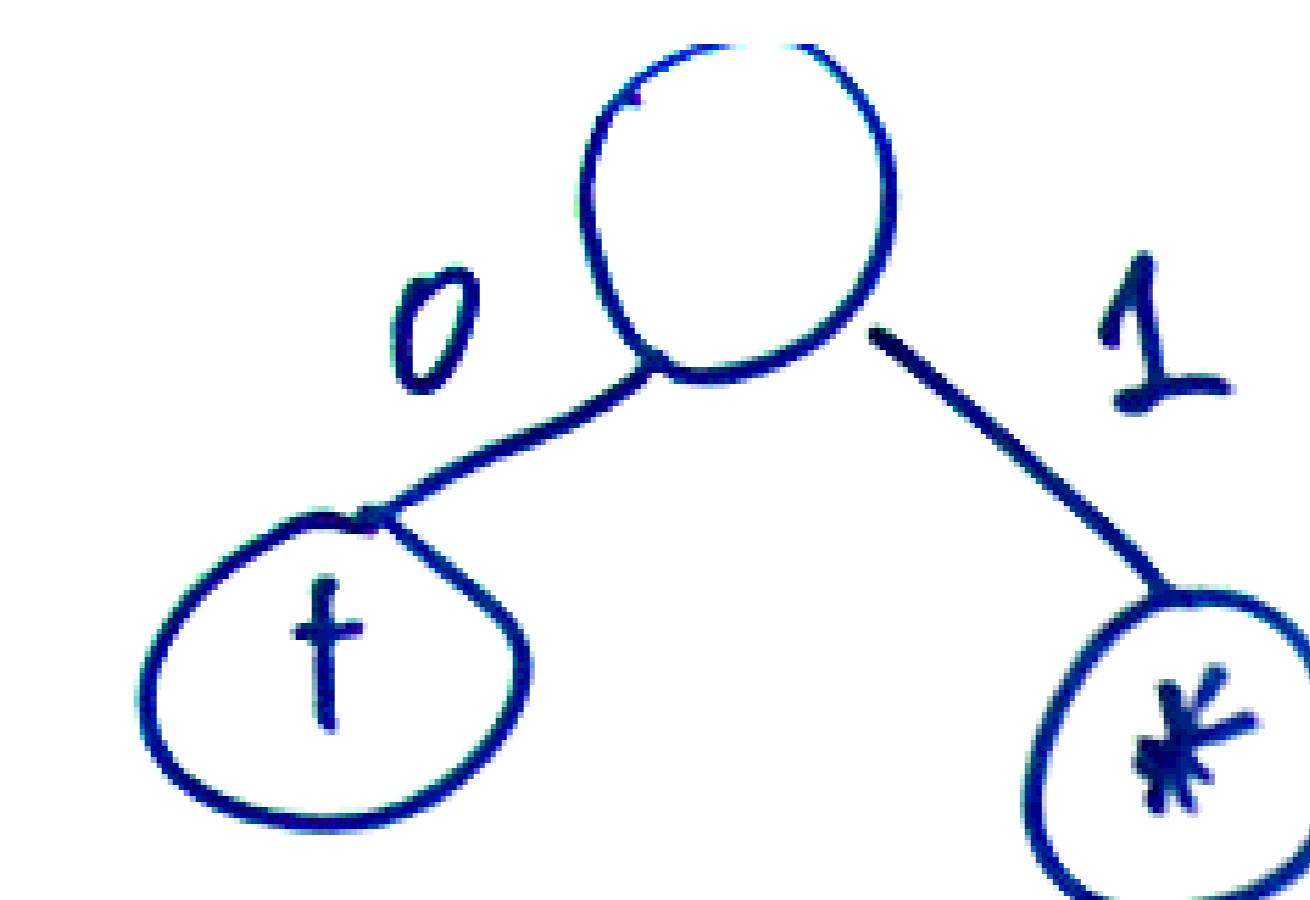
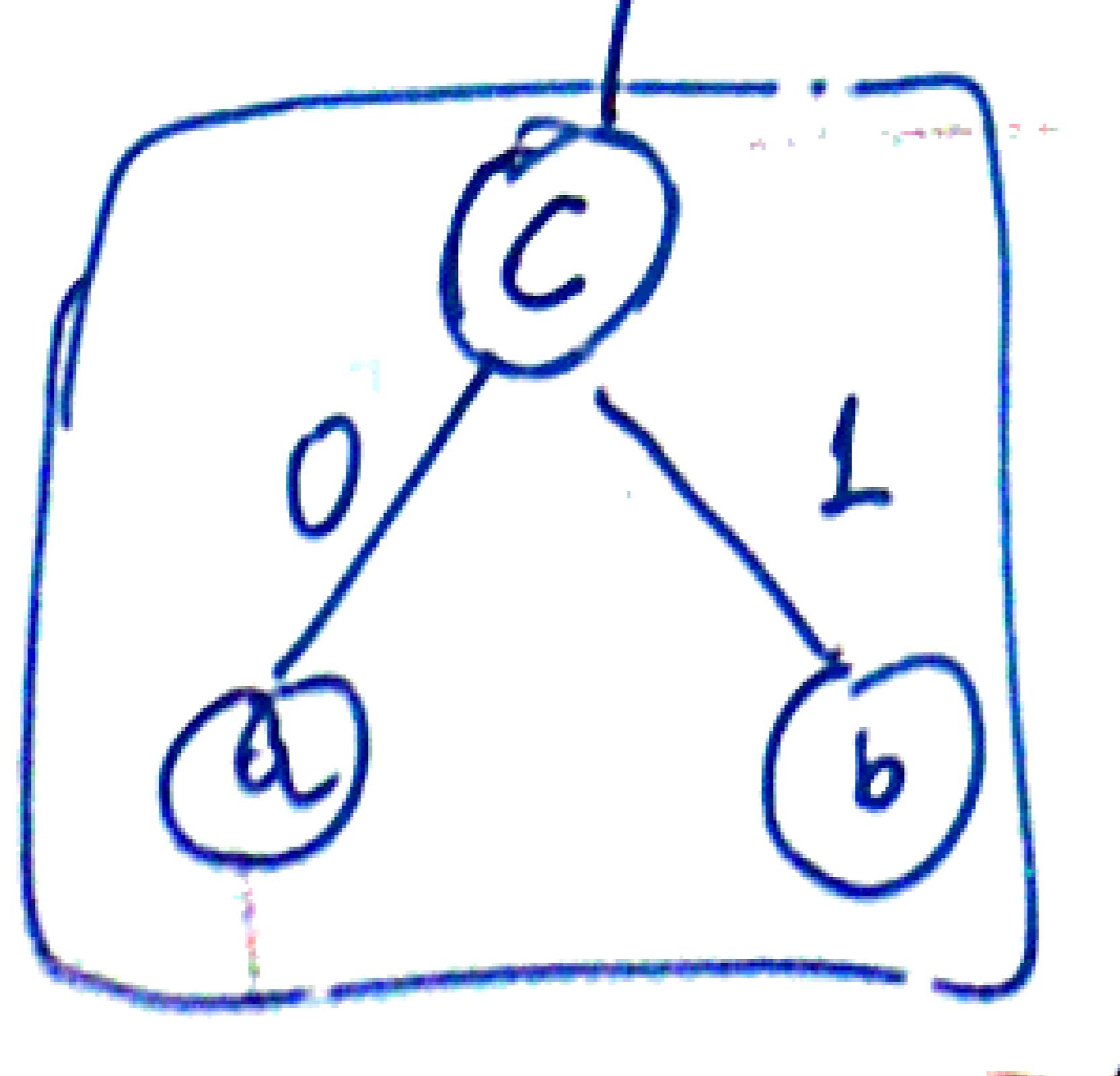
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

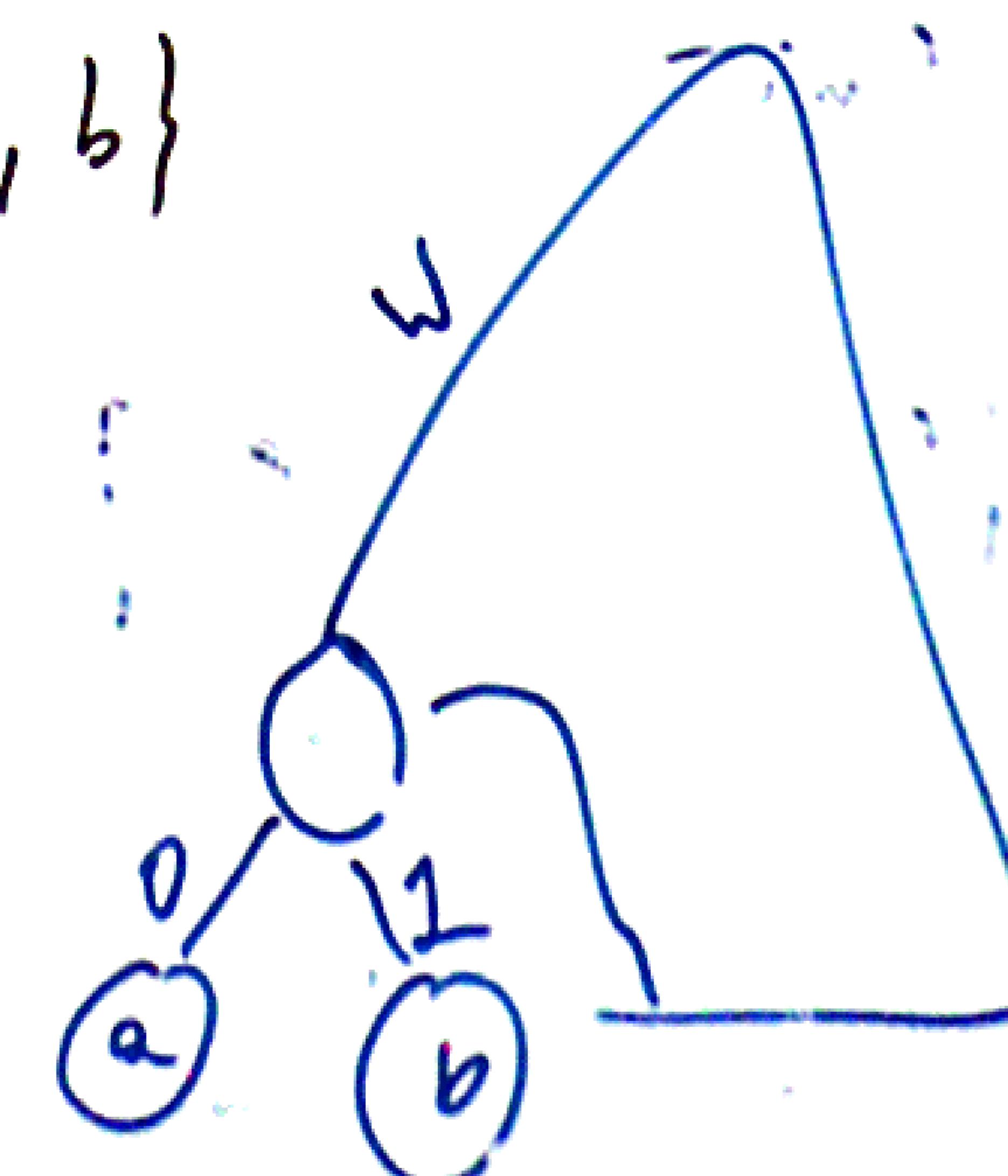
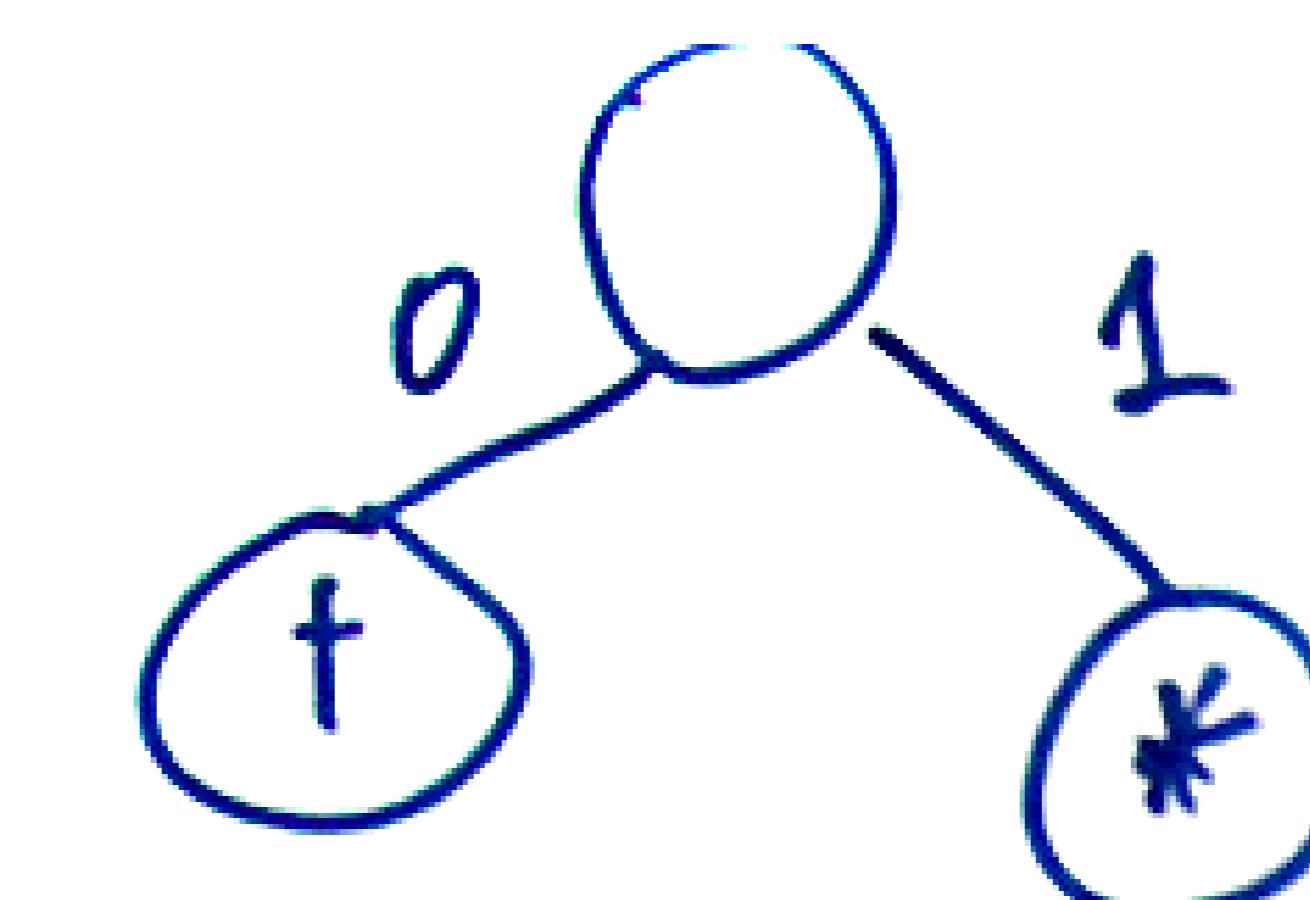
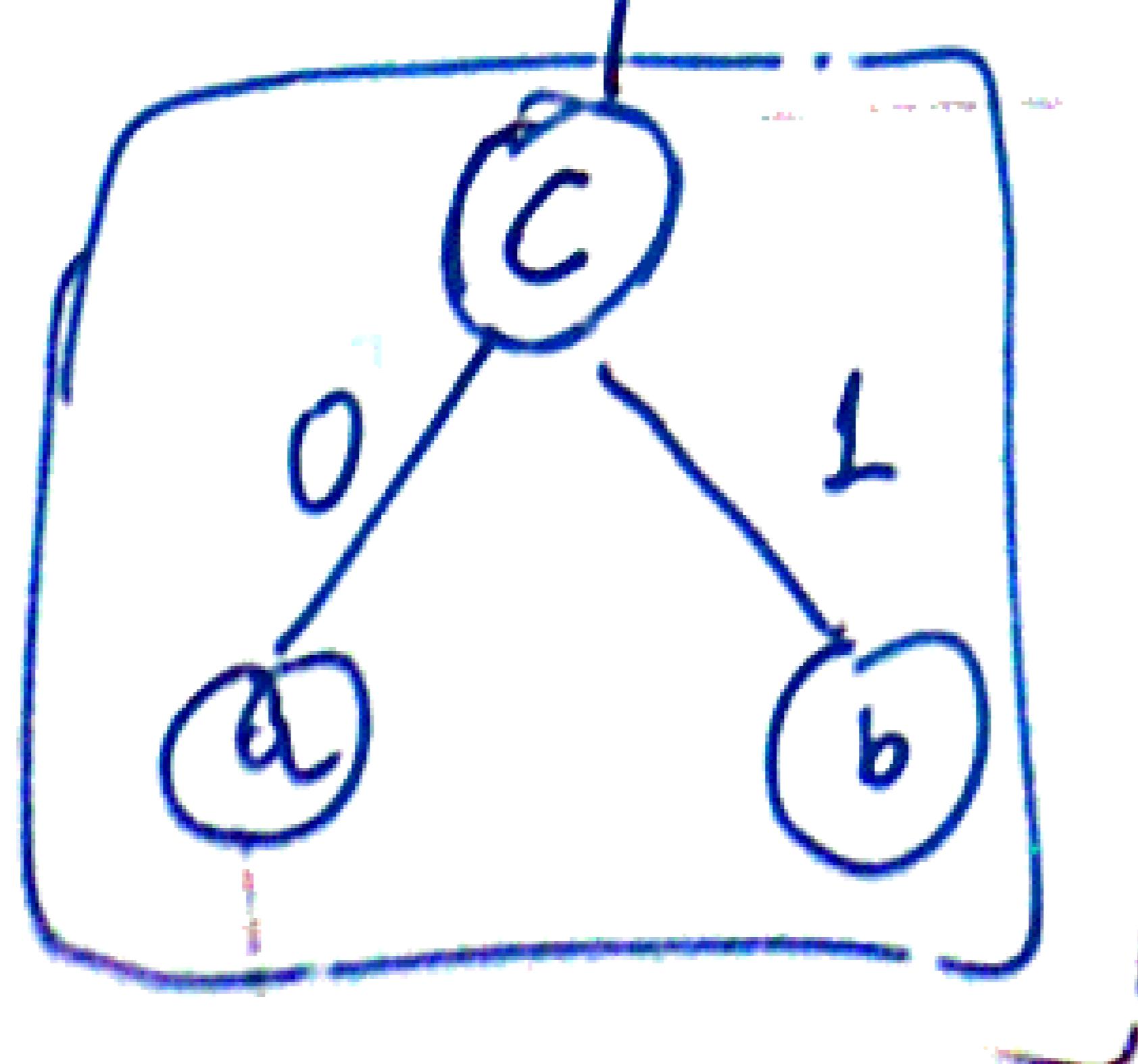
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ $lp_f(\tau)$

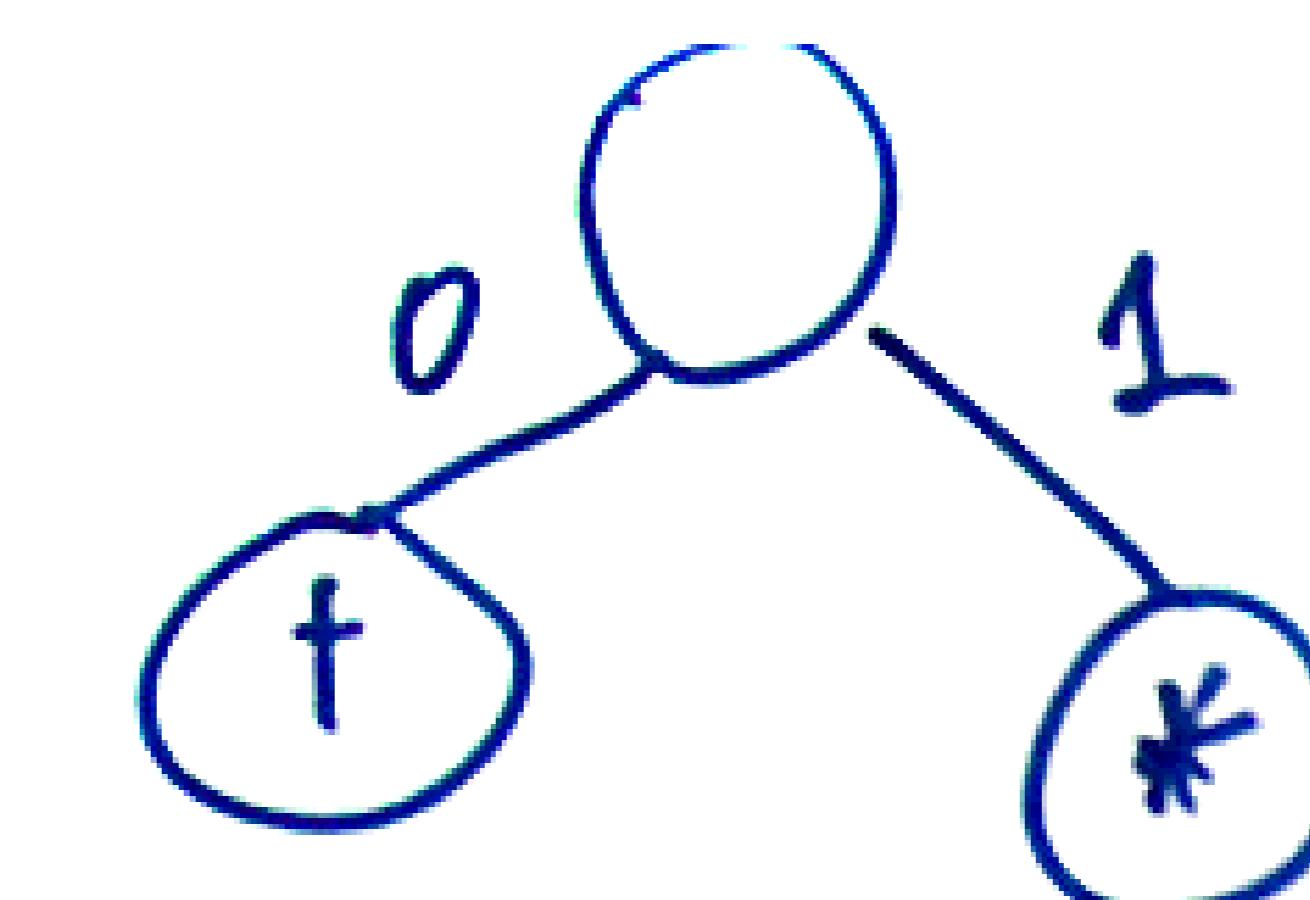
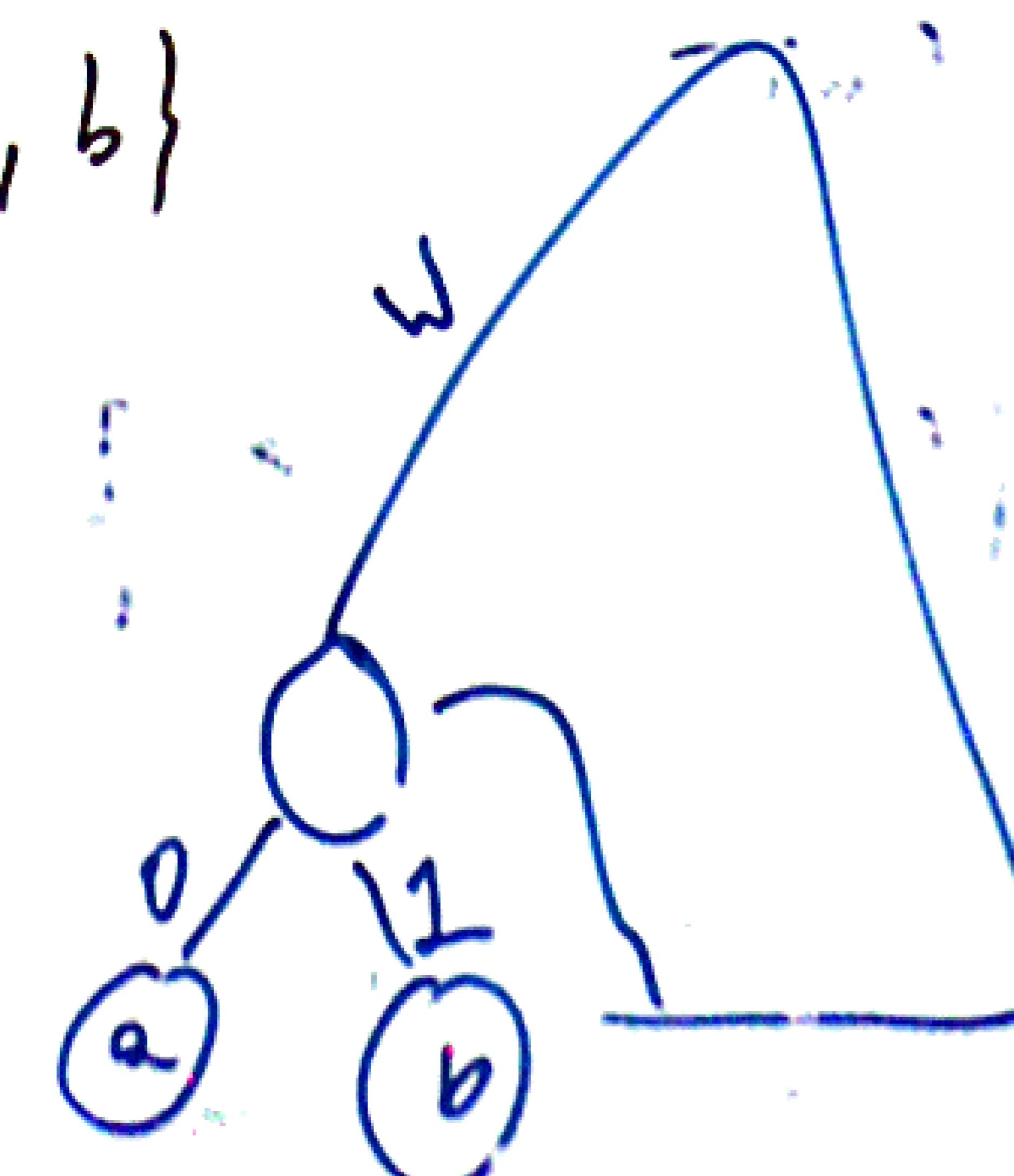
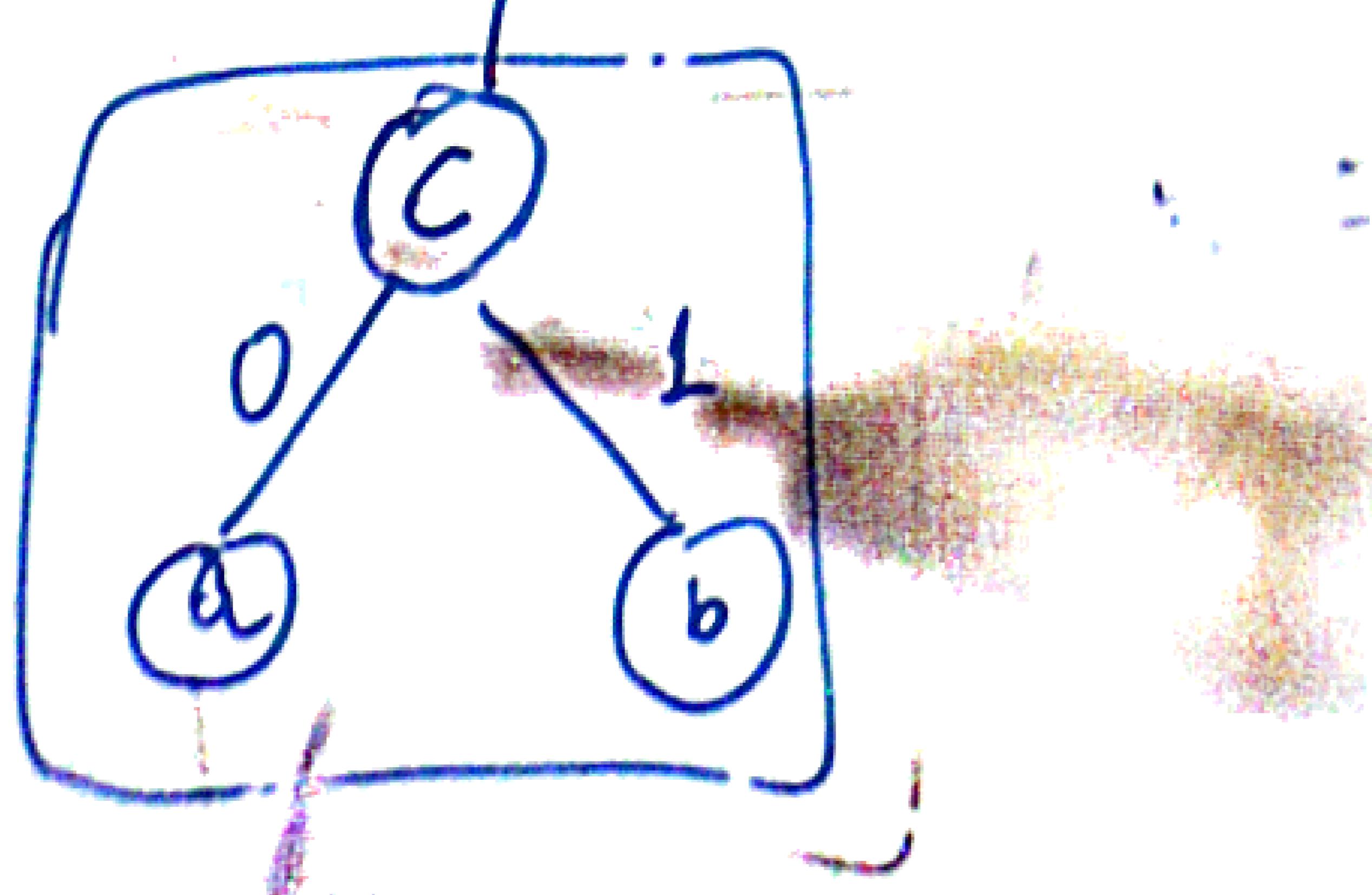
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ ~~lp_f(T)~~

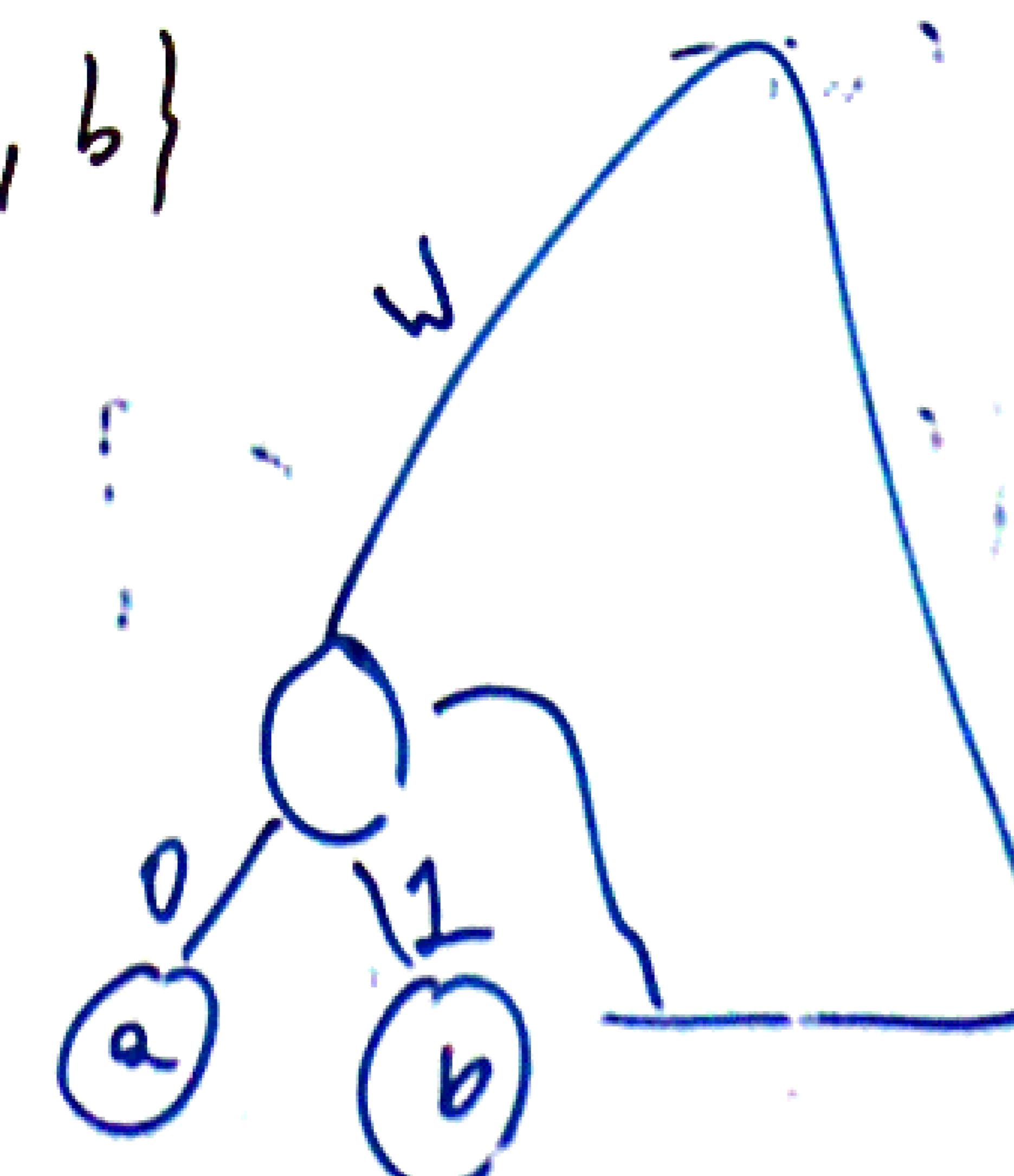
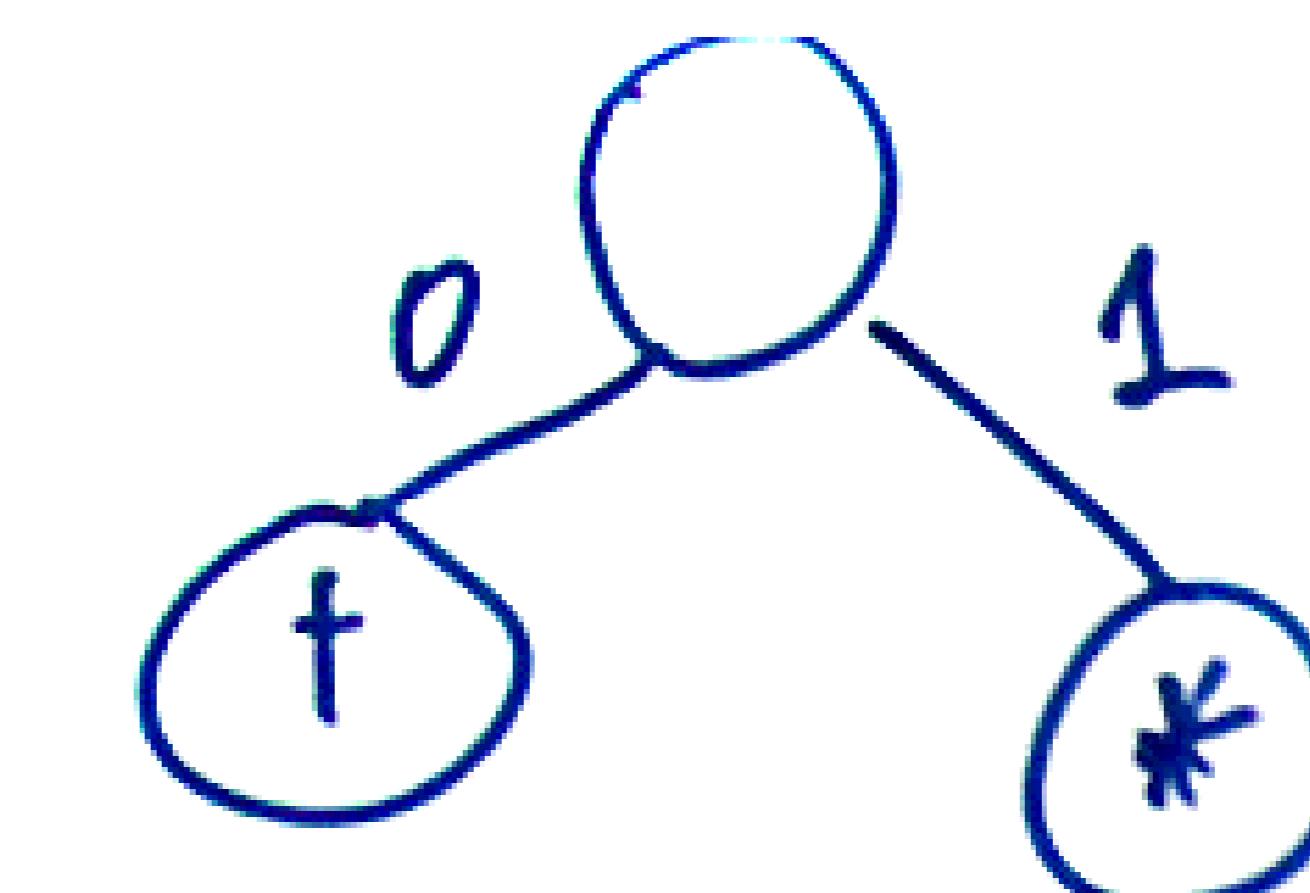
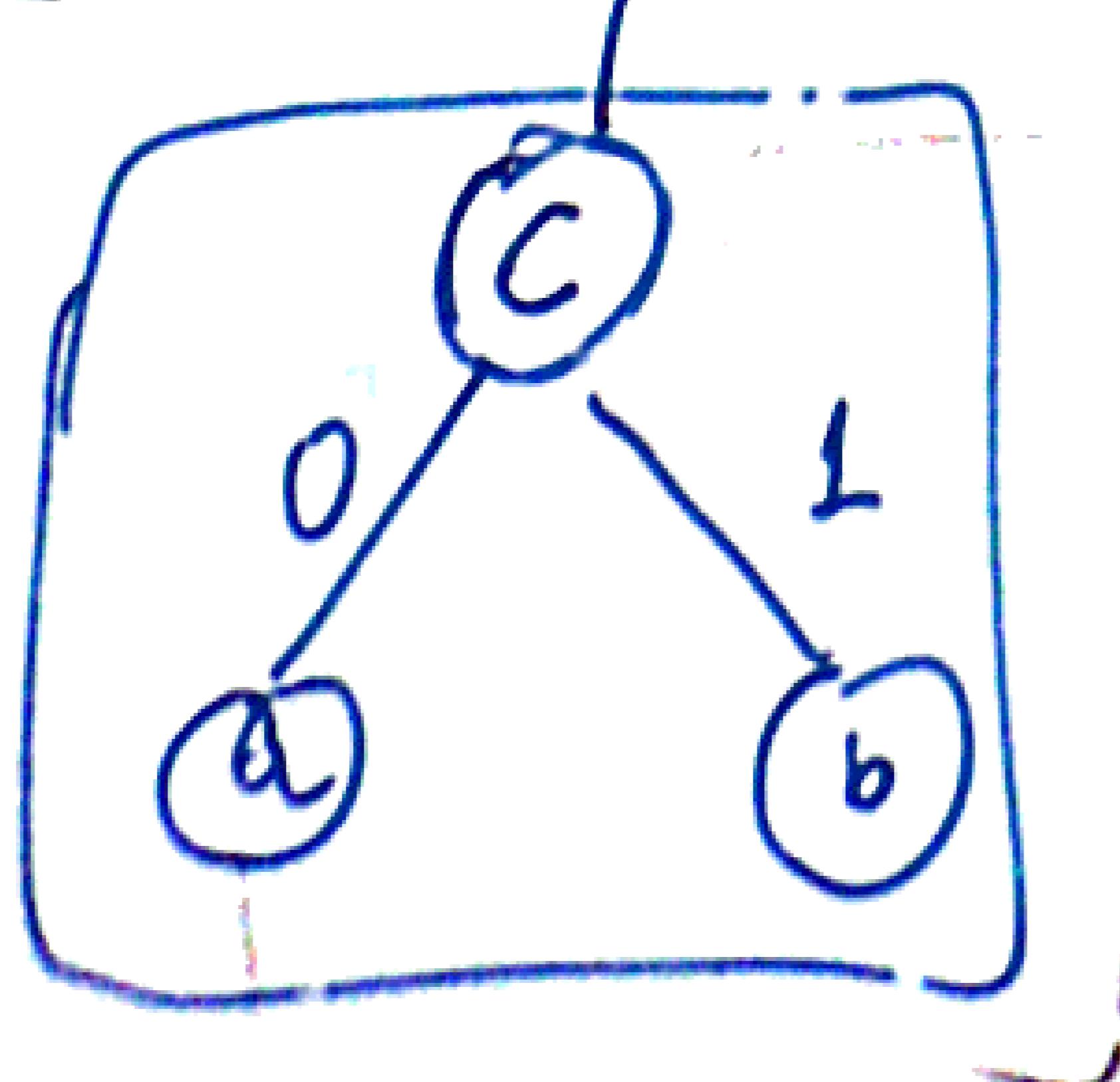
$f(a) \leq f(b) \leq f(c) \quad \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$



$f: \Sigma \rightarrow \{0, 1\}$

$\tau: \Sigma \rightarrow \{0, 1\}^*$ ~~lp_f(T)~~

$f(a) \leq f(b) \leq f(c) \forall c \in \Sigma \setminus \{a, b\}$

$a \rightarrow 0.2$

$b \rightarrow 0.2$

$c \rightarrow 0.3$

$d \rightarrow 0.3$

