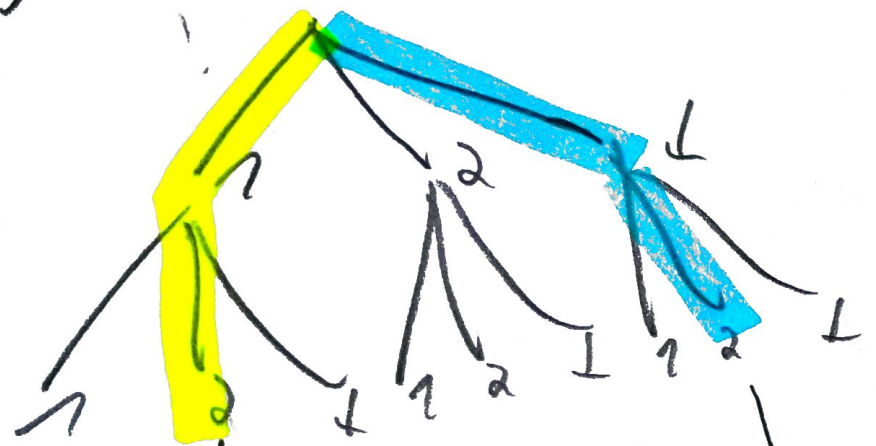


a) sorting

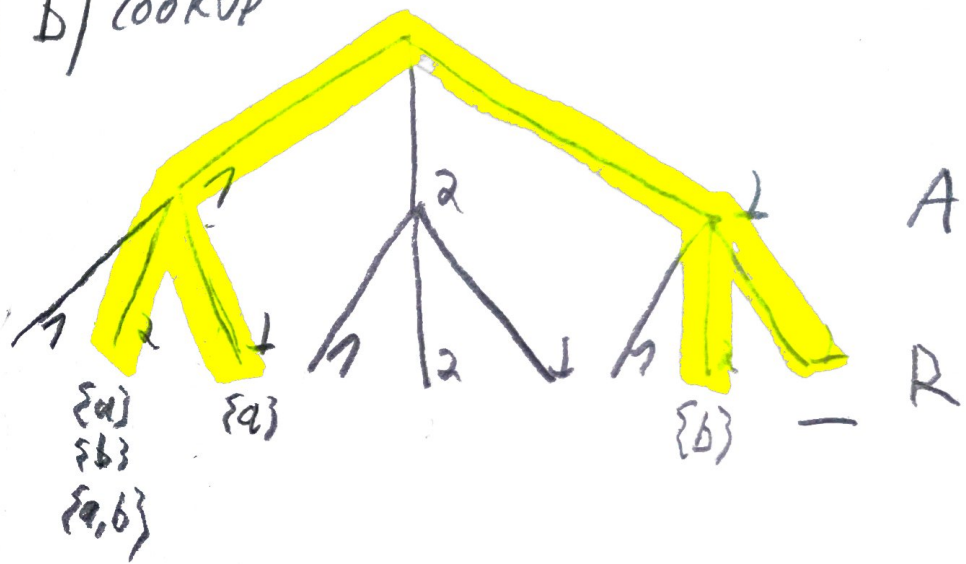


$\{C\} \mapsto (\{C\}, \{1 \mapsto A, 2 \mapsto R\})$

$\{b\} \mapsto (\{b\}, \{2 \mapsto R\})$

A
R

b) lookup



$\{a\}$
 $\{b\}$
 $\{a, b\}$

$\{b\}$

A
R