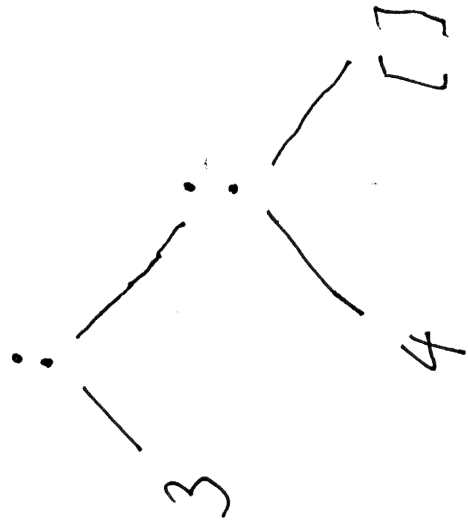


folgt auf Listen

folgt $((a \rightarrow b \rightarrow b) \rightarrow b \rightarrow [a] \rightarrow b$

$f = \text{folgt } b \text{ } c$

$\& [3, 4]$

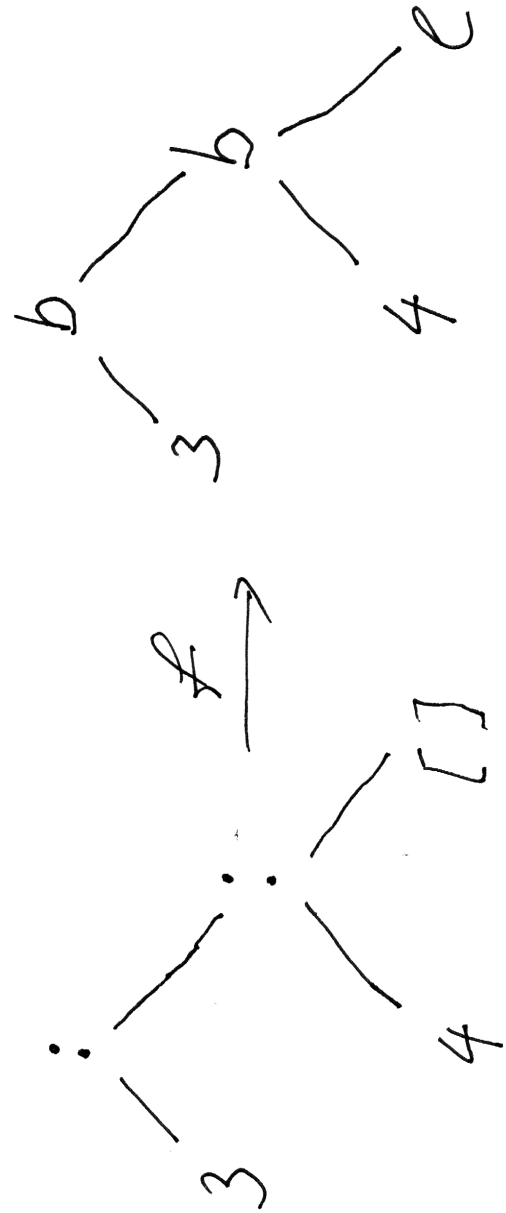


foler auf listen

foler :: (a → b → b) → b → [a] → b

f = foler b c

⊄ [3, 4]

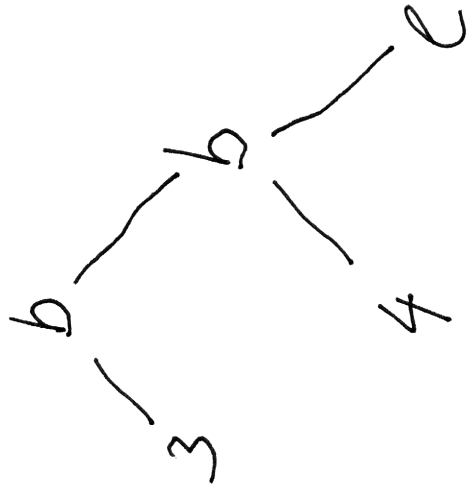
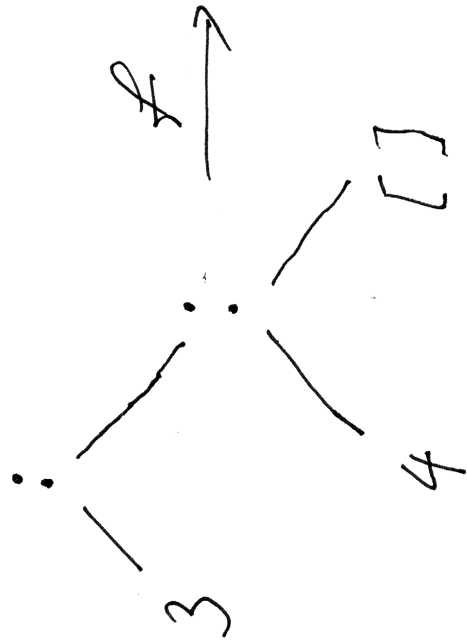


foler auf Listen

foler :: (a → b → b) → b → [a] → b

f = foler b c

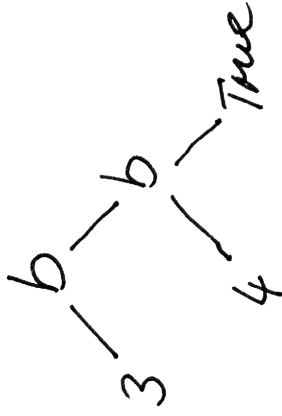
f [3, 4]



f = w-inc

l = True

b = ?

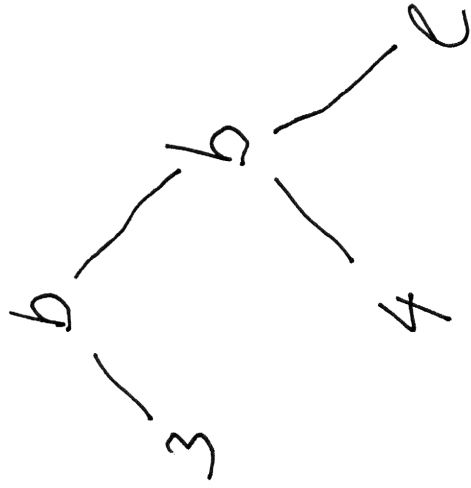
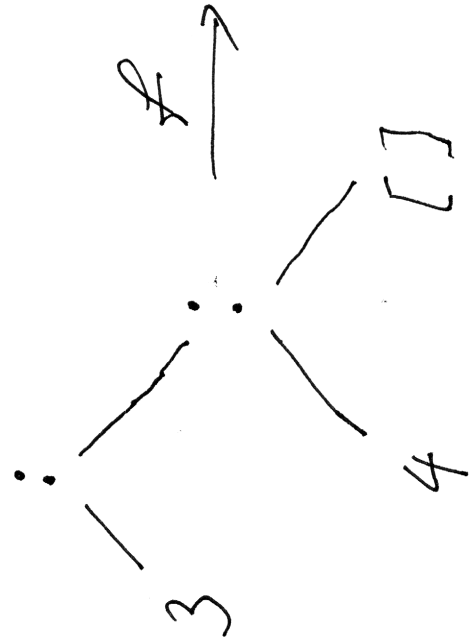


foler auf listen

foler :: (a → b → b) → b → [a] → b

f = foler b c

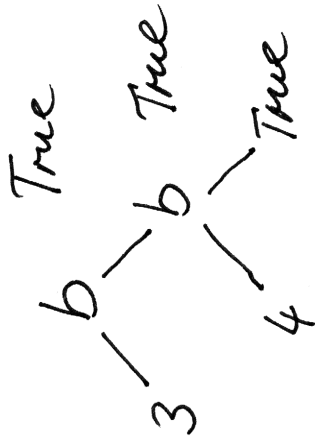
f [3, 4]



f = w-inc

l = True

b = ?



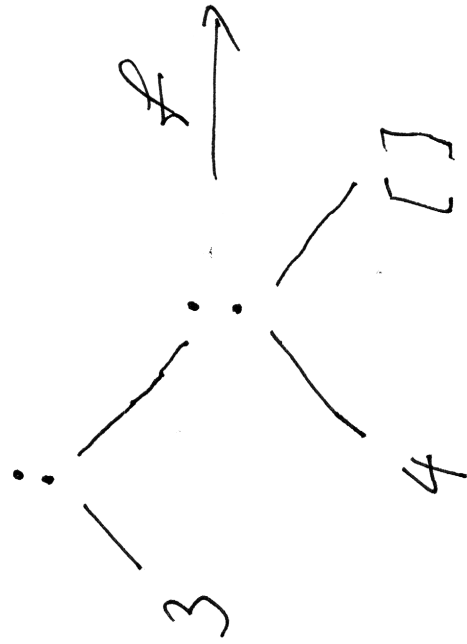
b - True = True

foldr auf Listen

foldr :: (a -> b -> b) -> b -> [a] -> b

f = foldr b c

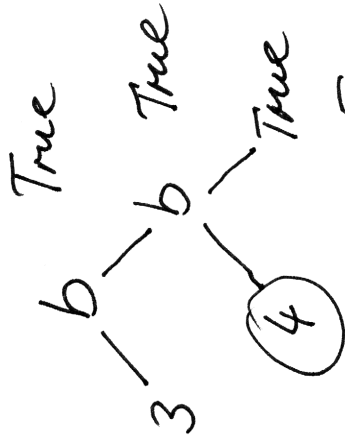
f [3, 4]



f = W-inc

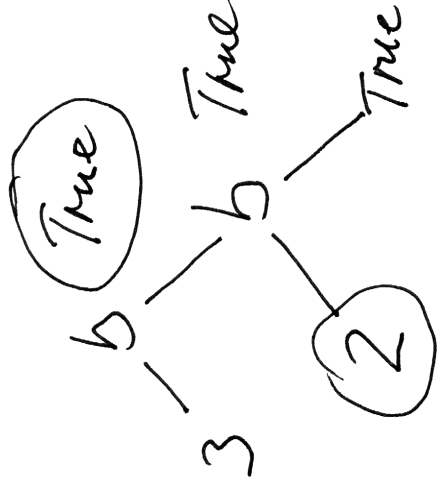
l = True

b = ?



b-True = True

aber damit auch:



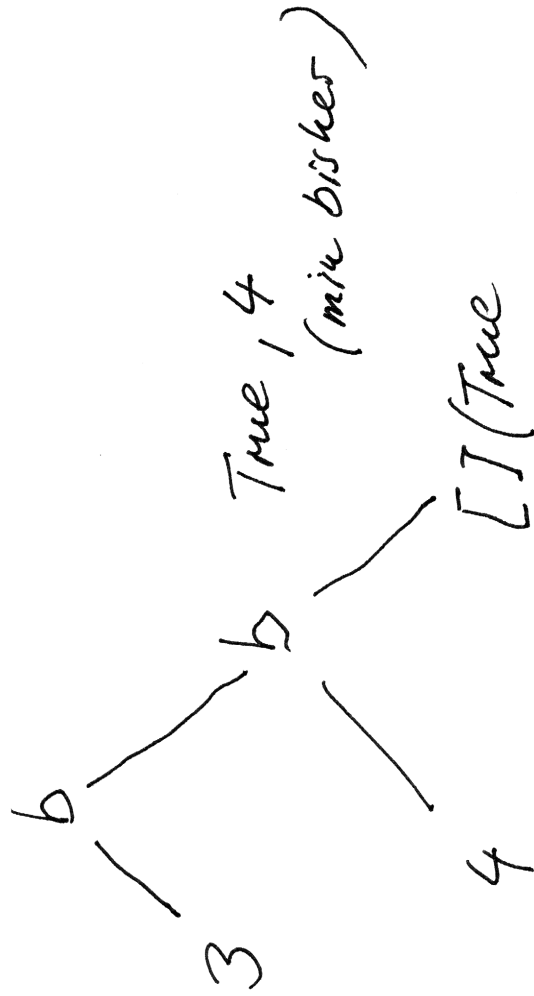
folgt auf Listen

folgt $\therefore (a \rightarrow b \rightarrow b) \rightarrow b \rightarrow (a \rightarrow b) \rightarrow b$

für w_{inc} notwendig: Zusatzinformation

folgt

$w_{inc} =$

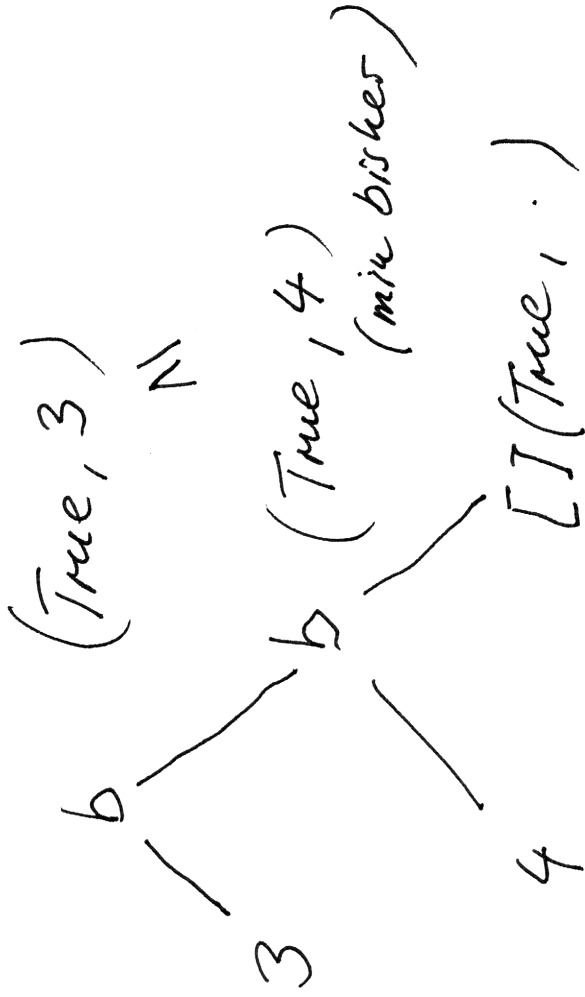
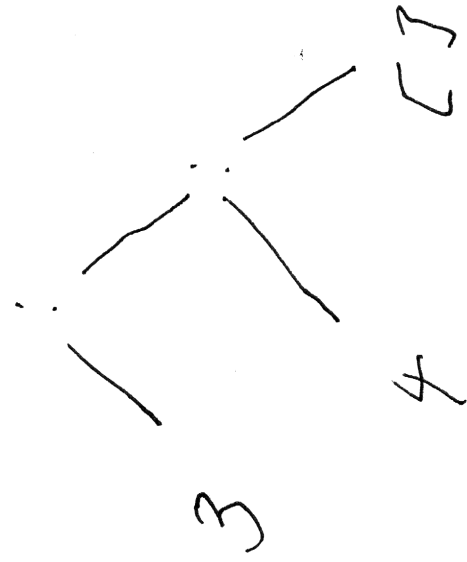


folgt auf Listen

folgt $\therefore (a \rightarrow b \rightarrow b) \rightarrow b \rightarrow (a \rightarrow b) \rightarrow b$

für w_{inc} notwendig: Zusatzinformation

$w_{inc} =$ folgt



folgt auf Listen

folgt $\therefore (a \rightarrow b \rightarrow b) \rightarrow b \rightarrow (a \rightarrow b) \rightarrow b$

für w, inc notwendig: Zusatzinformation b

$(\lambda x (ok, m) \rightarrow \text{case } m \text{ of}$
 $\text{Nothing} \rightarrow (ok, \text{Just } x)$
 $\text{Just } y \rightarrow (ok \wedge (x \leq y), \text{Just } x))$

$w, inc =$ folgt

$(True, Nothing) (True, 3)$



folgt auf Listen

folgt $\therefore (a \rightarrow b \rightarrow b) \rightarrow b \rightarrow (a \rightarrow b) \rightarrow b$

für w_{inc} notwendig: Zusatzinformation b

$(\lambda x (ok, m) \rightarrow \text{case } m \text{ of } \begin{cases} \text{Nothing} \rightarrow (ok, \text{Just } x) \\ \text{Just } y \rightarrow (ok \wedge (x \leq y), \text{Just } x) \end{cases})$

$w_{inc} = \text{fst} \cdot \text{folgt}$

Projektivität

$(\text{True, Nothing}) (True, 3)$

