

ES12 di DIVIDE

ALG(z)

if $z = \text{null}$
return 0

else

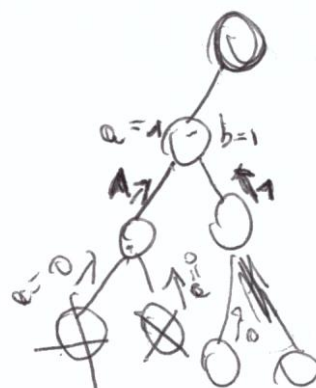
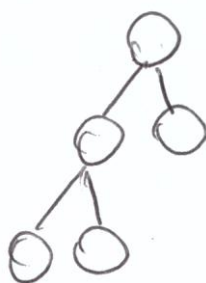
$a = \text{ALG}(z \rightarrow \text{left})$

$b = \text{ALG}(z \rightarrow \text{right})$

if $a \neq 0$ & $b = 0$ then
return 1

else

return $a + b$



ES14 di DIVIDE

$\sum_{x: \text{left of } T} d_T(x)$

$= \sum_{x: \text{left of } T} d_T(x) + \sum_{x: \text{right of } T} d_T(x)$

$d_T(x) = d_T(x) + 1$

$d_T(x) = d_T(x) + 1$

$\sum_{x: \text{left of } T} d_T(x) + 1 + \sum_{x: \text{right of } T} d_T(x) + 1$

$\sum_{x: \text{left of } T} d_T(x) + \sum_{x: \text{left of } T} 1 + \sum_{x: \text{right of } T} d_T(x) + \sum_{x: \text{right of } T} 1$

ALG(z)

if $z = \text{null}$ return 0

else

return $\text{ALG}(z \rightarrow \text{left}) + \text{ALG}(z \rightarrow \text{left}) + \text{ALG}(z \rightarrow \text{right}) + \text{ALG}(z \rightarrow \text{right})$

ALG1(z)

if $z = \text{null}$ return 0

else

$a = \text{ALG1}(z \rightarrow \text{left})$

$b = \text{ALG1}(z \rightarrow \text{right})$

if $a = 0$ & $b = 0$
return 1

else

return $a + b$