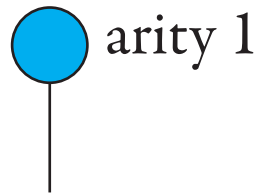
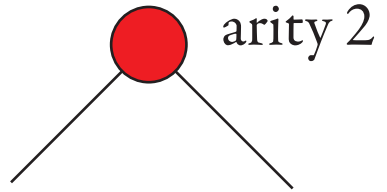
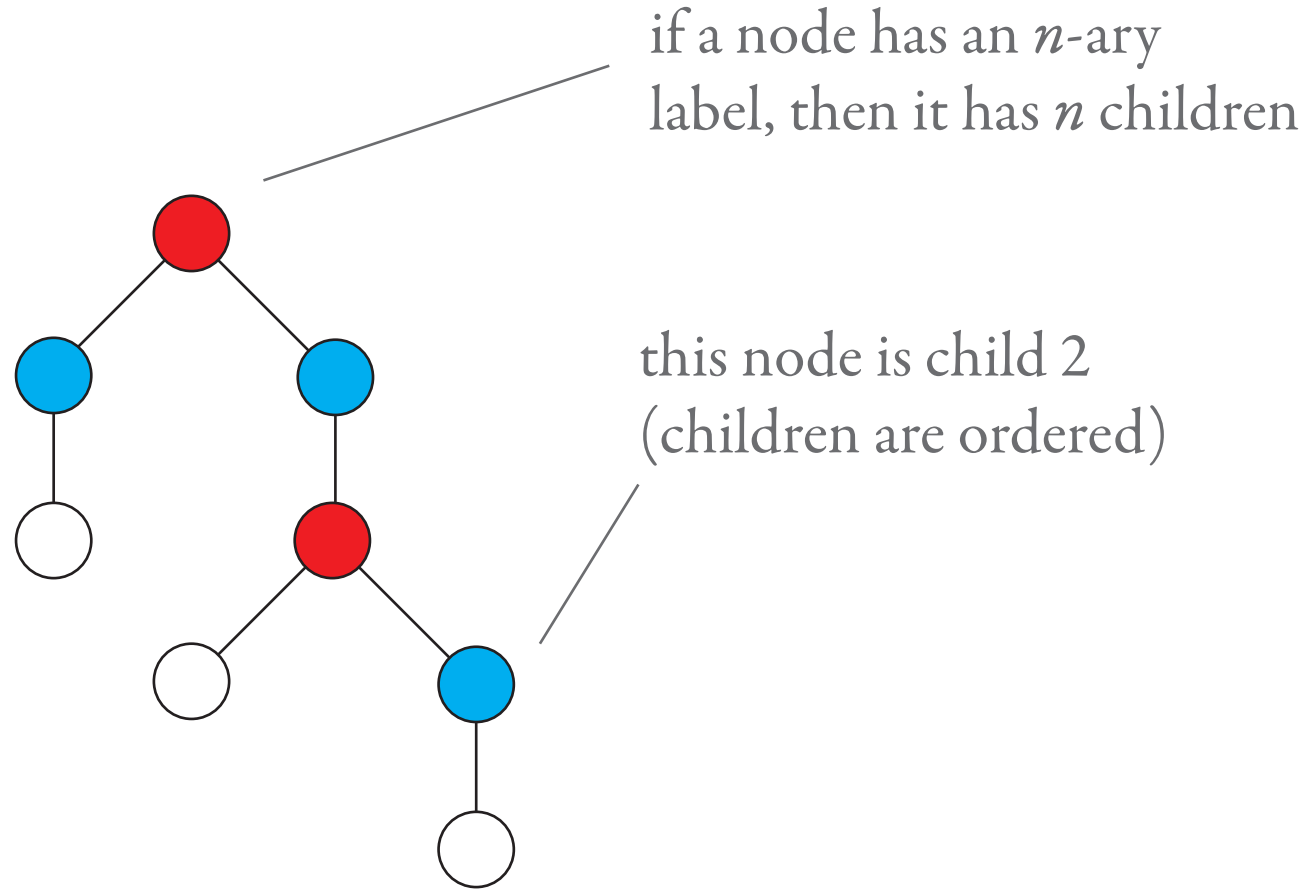


A ranked alphabet Σ



A tree over Σ





A tree t over $\Sigma^{[2]}$



$\text{unfold}_1(t)$



$\text{unfold}_2(t)$





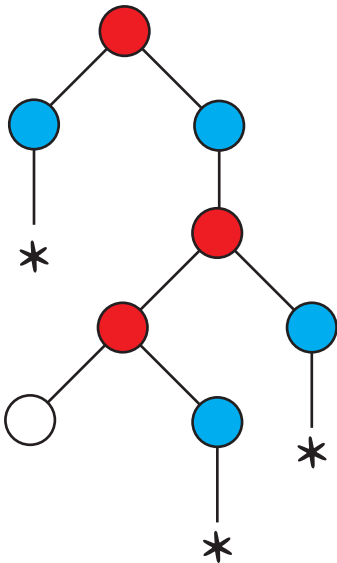
t

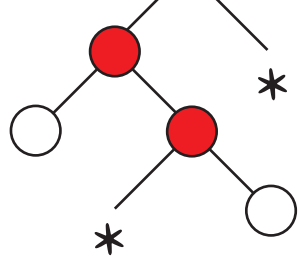


substitute(t)

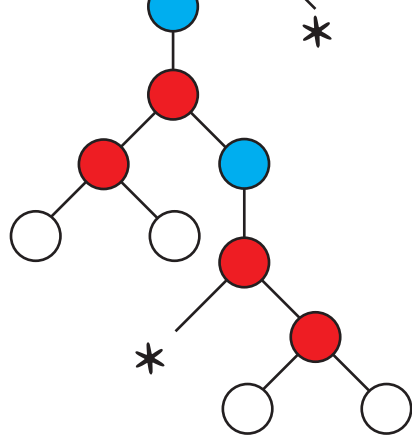


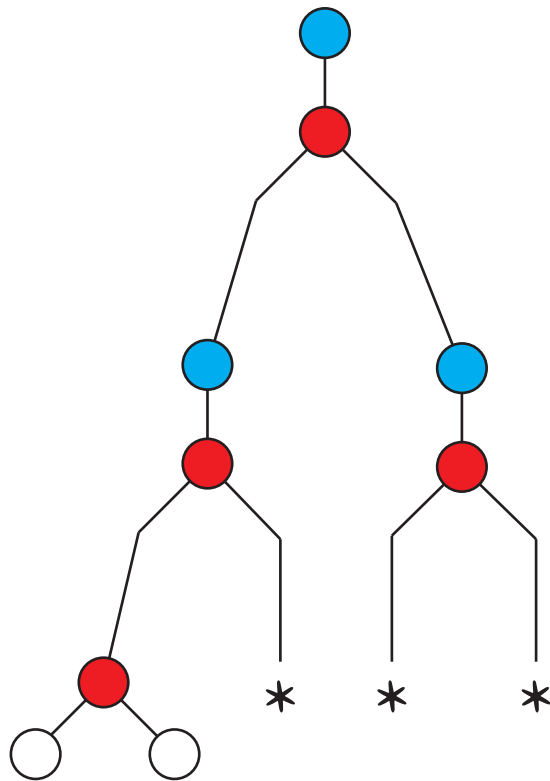
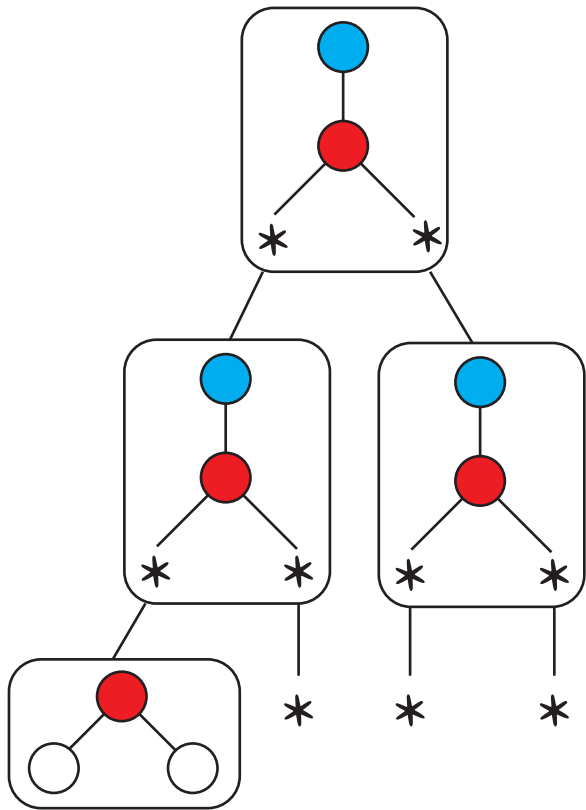


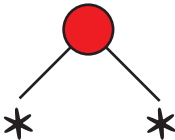




$\mathsf{T}f$
 \mapsto

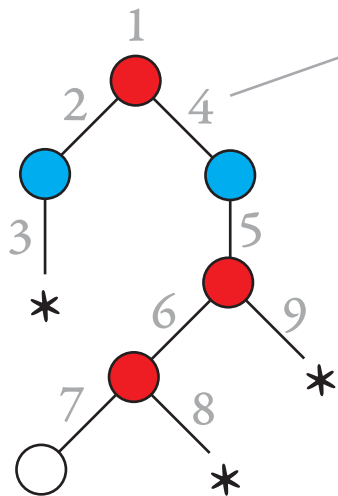








input

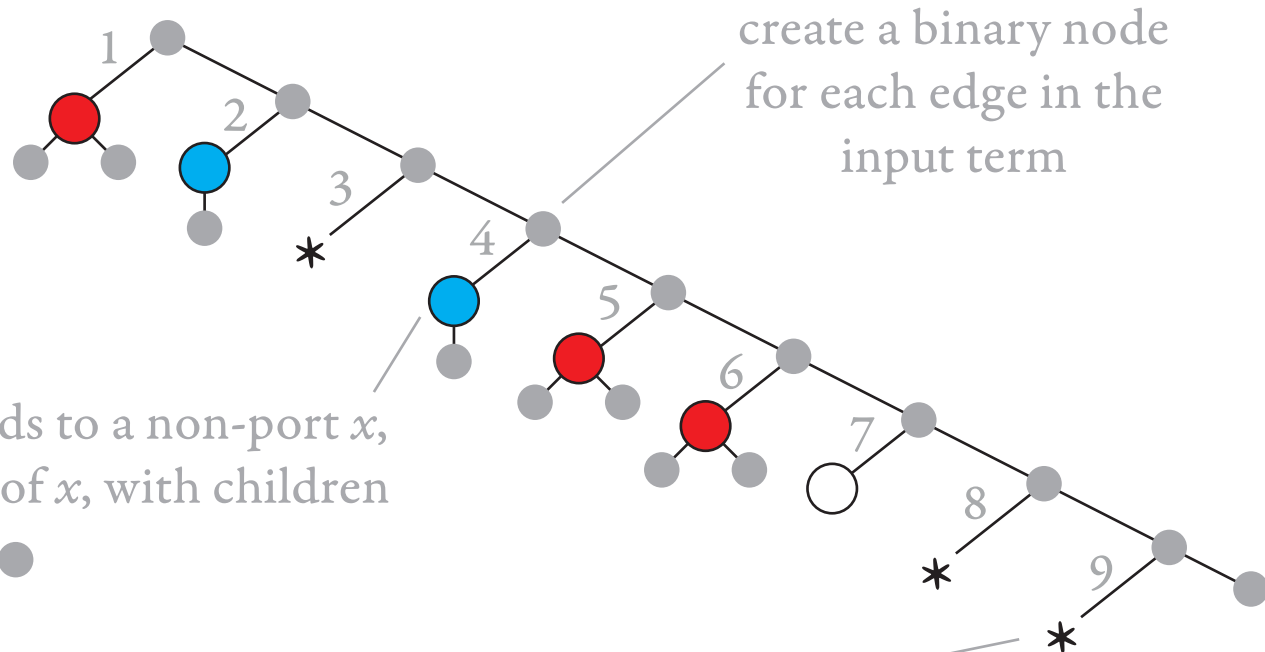


number the edges
in the input term
according to their
appearance in the
pre-order traversal

if an edge in the input term leads to a non-port x ,
in the output append the label of x , with children
plugged by \bullet

if an edge in the input term leads to a port, keep the port

output



create a binary node
for each edge in the
input term

a factorisation equivalence

the corresponding factorisation term

