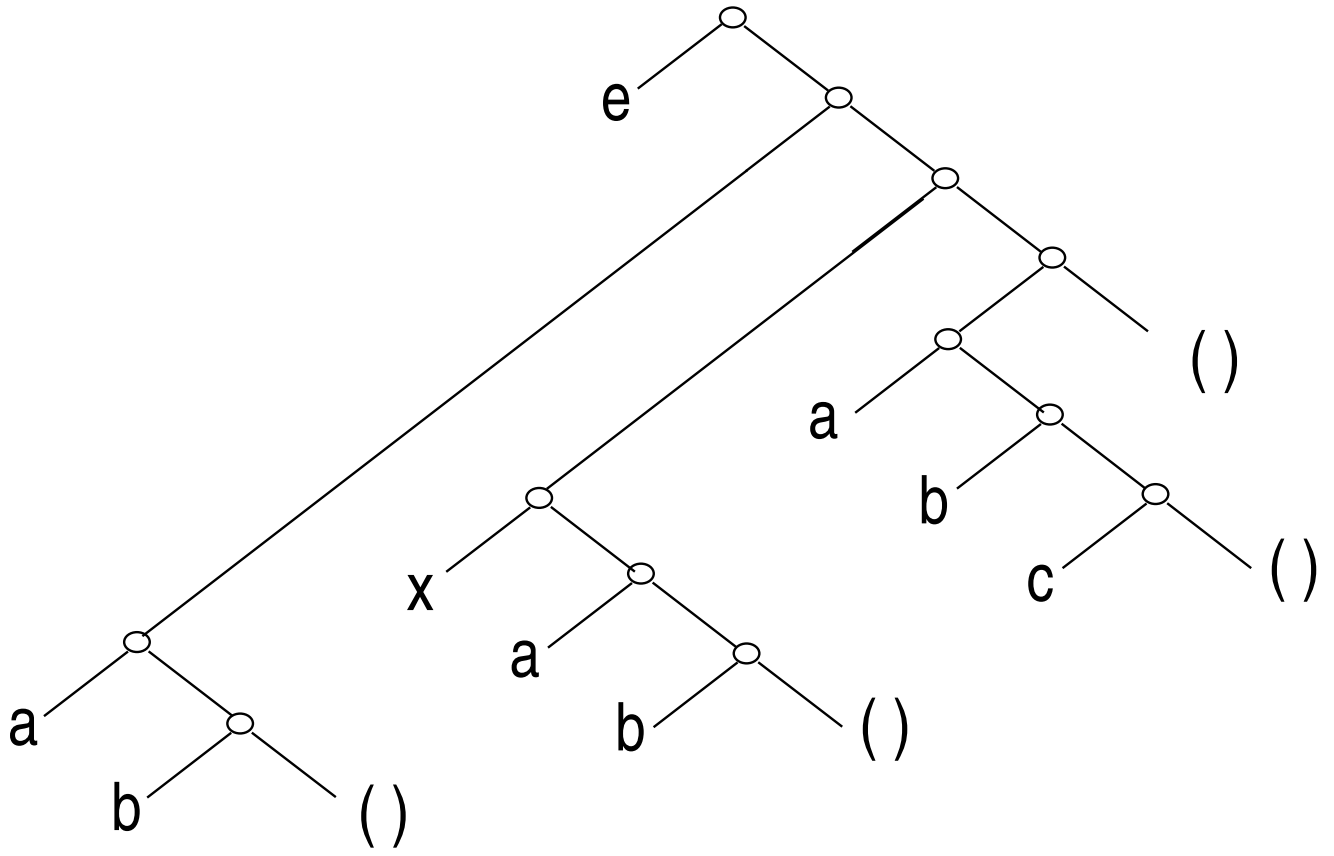
Substitution of subexpressions within expressions

Suppose we wanted to replace every occurrence of (a b) by (b a) in the expression (e (a b) (x a b) (a b c)).

The result would be (e (b a) (x b a) (a b c)).




```
(define subs  (lambda (x y z)
   (cond ((equal? y z)  x)
         ((not (pair? z))  z)
         (#t  (cons (subs x y (car z))
                    (subs x y (cdr z)) )) ) ))
```