L I S T S

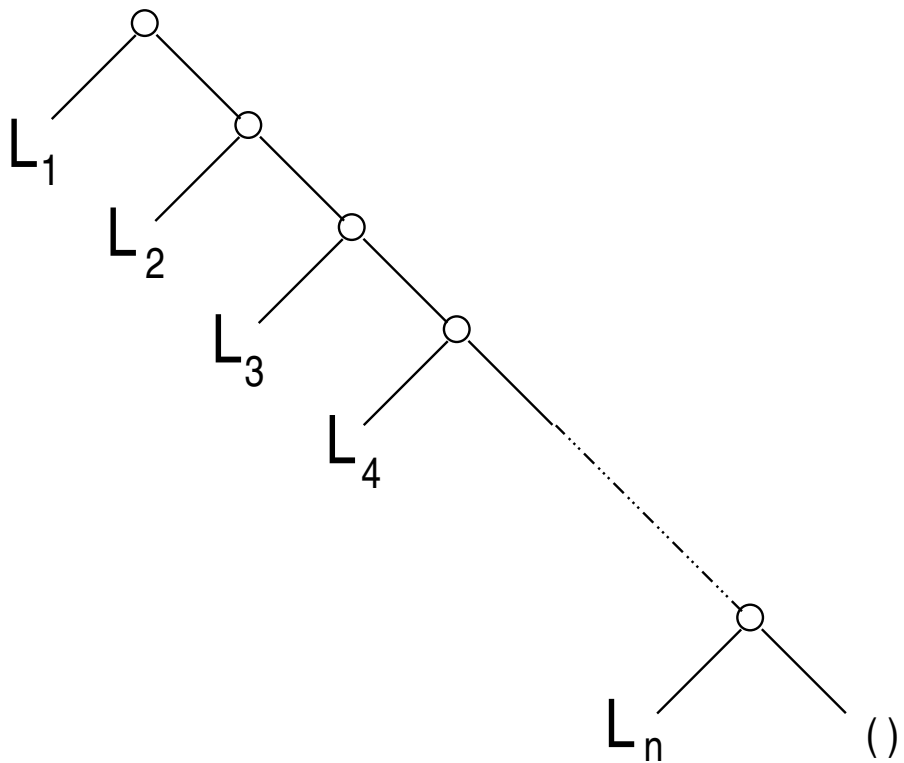
A list of n objects is a special case of a pair expression.

Written: $(L_1 \ L_2 \ L_3 \ L_4 \ ---- \ L_n)$

where L_i is any object, $1 \leq i \leq n$

Every list is a pair expression.

Not every pair expression is a list.

The list $(L_1 \ L_2 \ L_3 \ L_4 \ ---- \ L_n)$ is the pair expression

$(L_1 . \ (L_2 . \ (L_3 . \ (L_4 . \ --- \ . \ (L_n . \ ( ) \ --- \ ))))$