

## 1 BNF

$\langle term \rangle \quad ::= \langle term \rangle^*$   
                  |  $\langle numeric \rangle$   
                  |  $\langle boolean \rangle$   
                  |  $\langle list \rangle$

$\langle list \rangle \quad ::= '(' \langle term \rangle^* ')'$

$\langle numeric \rangle \quad ::= \text{succ } \langle list \rangle$   
                  |  $\text{pred } \langle list \rangle$   
                  |  $\langle list \rangle$

$\langle boolean \rangle \quad ::= \text{true}$   
                  |  $\text{false}$   
                  |  $\text{iszero } \langle numeric \rangle$