EXPRESSION GRAMMAR

Expr1 := s ∃ s VarL s ⋅ s Expr1 s | s ∀ s VarL s ⋅ s Expr1 s | s Expr2 s

Expr2 := Expr3 s ↔ s Expr2 | Expr2

Expr3 := Expr4 s → s Expr3 | Expr4

Expr4 := Expr5 s ∨ s Expr4 | Expr5 s ⊕ s Expr4 | Expr5

Expr5 := Expr5 s ∧ s Expr4 | Expr5

Expr6 := ¬ s Expr6 | Expr7

Expr7 := (Expr1) | Expr8

Expr8 := Expr9 s = s Expr9 | Expr9 s != s Expr9 | Expr9 s > s Expr9 | Expr9 s < s Expr9 | Expr9 s >= s Expr9 | Expr9 s <= s Expr9

Expr9 = Var.Var | Const

Var = [a..z][0..9a..z]\*

Const = [0..9]+ | '[^']\* | “[^”]\*”

VarL := Var s, s VarL | Var s