

Syntax of logical formulas in Eos

3.3.2 (Revised on 2021/4/2)

- x^{**} ::= a sequence of one or more symbols
- x^* ::= null sequence | x^{**}
- xs ::= x^{**}
- simple-typedec1 ::= x^{**} | Element[x , t]
- typedec1 ::= simple-typedec1 **
- formula ::= qff | Q[typedec1, formula]
- Q ::= Exists | ForAll
- qff ::= quantifier-free formula

This syntax of logical formulas defines the set of logical formulas used in Eos 3.3.2.