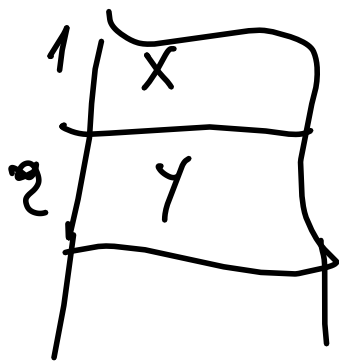
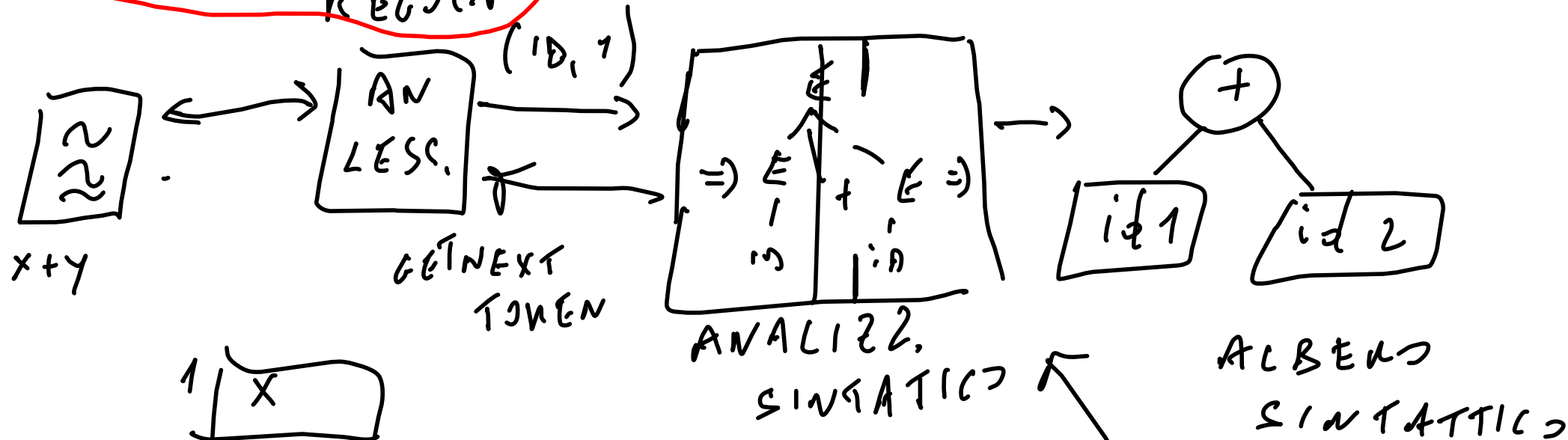


EXPRESSION RECOGNITION

GRAMM. CF

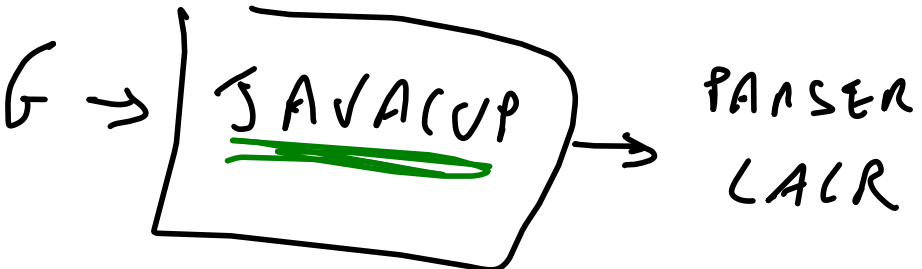


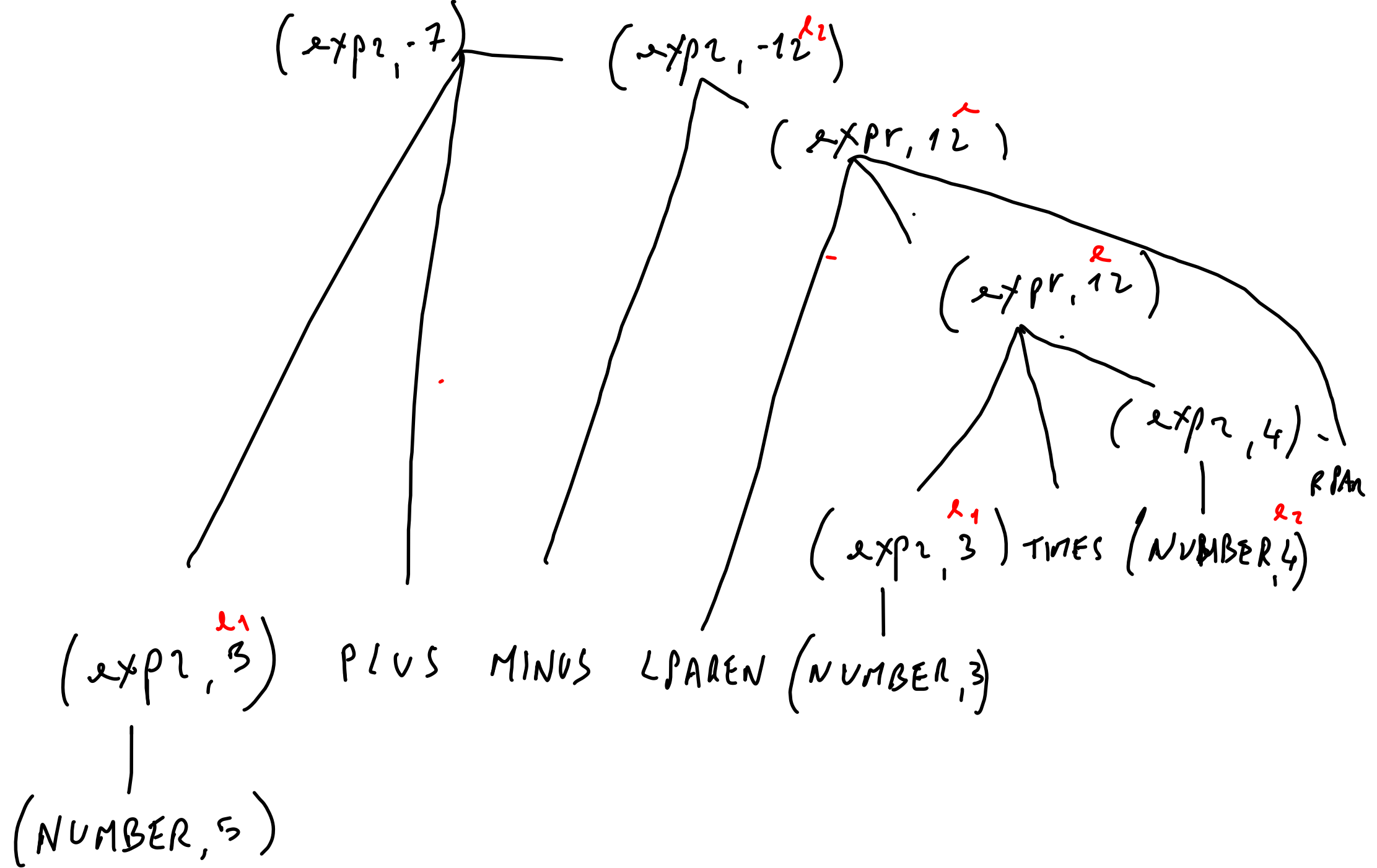
$E \rightarrow E + E$
 $E \rightarrow ID$

GRAMMATICR AS ATTRIBUT

TOP DOWN \rightarrow MANUACB
 \rightarrow ANTLR (LL)

BOTTOM-UP \rightarrow YACC
BISON
JAVACUP





$$5 + -(3 \times 4) = -7 ;$$