

```
{ StartChar.val = Expr.val; } { S.inh = Term.val;
                                    StartChar \rightarrow Expr
                                    Expr \, \to \, Term \, \, S
                                                                                                                           Expr.val = S.val; }
                                    \mathsf{S} \to \mathsf{R}\,\mathsf{S}_1
                                                                                                                         { R.inh = S.inh;
                                                                                                                           S_1.inh = R.val;
                                                                                                                           S.val = S_1.val; }
                                    \begin{array}{l} S \, \rightarrow \, \epsilon \\ R \, \rightarrow \, + \, Term \\ R \, \rightarrow \, - \, Term \end{array}
                                                                                                                         { S.val = S.inh; }
                                                                                                                        { R.val = R.inh + Term.val; } 
{ R.val = R.inh - Term.val; }
                                    Term \rightarrow Factor U
                                                                                                                         { U.inh = Factor.val;
                                                                                                                           Term.val = U.val; }
                                    \mathsf{U} \to \mathsf{T}\,\mathsf{U}_1
                                                                                                                         { T.inh = U.inh;
                                                                                                                           U_1.inh = T.val;
                                                                                                                           U.val = U_1.val;
                                    \begin{array}{l} U \to \epsilon \\ T \to * \text{Factor} \\ T \to / \text{Factor} \end{array}
                                                                                                                         { U.val = U.inh; }
                                                                                                                         { T.val = T.inh * Factor.val; }
                                                                                                                         { T.val = T.inh / Factor.val; }
                                    Factor \, \rightarrow \, \textbf{digit} \, \, V
                                                                                                                         { V.inh = digit.val;
                                                                                                                           Factor.val = V.val; }
                                    Factor \rightarrow (Expr) V
                                                                                                                         { V.inh = Expr.val; }
                                                                                                                           Factor.val = V.val; }
                                    Factor → -Factor, V
                                                                                                                         { V.inh = -Factor.val; }
                                                                                                                           Factor.val = V.val; }
                                    Factor → +Factor<sub>1</sub> V
                                                                                                                         { V.inh = Factor.val; }
                                                                                                                          Factor.val = V.val; }
                                                                                                                        { V.val = pow(V.inh, Factor.val); } 
{ V.val = V.inh }
                                    V \rightarrow \wedge Factor
                                    V \rightarrow \epsilon
                                                        (注: S 即为 ExprConcat , R 即为 ExprSuffix , U 为 TermConcat , T 为 TermSuffix,V 为 FactorSuffix )
(再注: 包含空符号的产生式不抛出 NotMatch 而直接返回调用者)
                                                                              <<Interface>> Lexical
<<Abstract>> NonTerminal
                                                                                                                                                <<Abstract>> Terminal
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