Definición formal de la Gramática Independiente del Contexto (GIC)

$$G = \{\sum T, \sum N, S, P\}$$

$$\sum T = \{A, B, C, D, \dots, x, y, z, 0, 1, 2, \dots, 8, 9, (,), =, +, -, *, /, %, _, ;\}$$

$$\sum N = \{IN, E1, E2, OP, ID, ID2, C, CD, CDR, CDE, CO, CH\}$$

$$P = \{$$

$$IN \rightarrow ID = E1;$$

$$E1 \rightarrow ID \mid ID = E1 \mid E2$$

$$E2 \rightarrow C1 \mid (-C1) \mid (+C1) \mid ID \mid E2OPE2 \mid E2$$

$$OP \rightarrow + \mid -\mid *\mid /\mid \%$$

$$ID \rightarrow AID2 \mid BID2 \mid \dots \dots \mid yID2 \mid zID2 \mid JD2 \mid JID2 \mid JID2$$

f = Diagrama de estados del AP

9, (,), =, +, -, *, /, %, ,;

 $F = \{q2\}$

Diagrama de estados del AP

