Defincion formal $A\{Q, \xi, \ell, so, f\}$

 $Q = \{s0,s1,s2,s3,s4,s5,s6,s7,s8,s9,s10,s11,s12,s13,s14,s15,s16,s17,s18\}$

 $So = \{s0\}$

 $F = \{s2, s4, s5, s6, s7, s8, s9, s10, s12, s13, s14, s15, s16, s17, s18\}$

Transiciones:

 $F1 = \{s,h,f,r,e,d,m,v,b,c\}$ $F6 = \{a,o,r,b,d\}$ F18 = {Cualquier otro caracter} $F10 = \{a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z\}$ $F14 = \{=,>,<\}$ $F2 = \{i,a,n,e,o\}$ $F7 = \{l,a,n,e\}$ $F11 = \{0,1,2,3,4,5,6,7,8,9\}$ F15 = {+,-,/,%,*,>,<} $F19 = \{F12 - F16\}$ Punto = $\{.\}$ $F3 = \{n,c,d,l,t,c,e,r,o\}$ $F8 = \{s,e,o,r\}$ $F12 = \{(,),\{,\},[,]\}$ F16 = {",;} $F4 = \{o,e,s,i,n,l,d\}$ $F9 = \{o\}$ F13 = {=} $F17 = \{F1-F16\}$

 $F5 = \{r,o,n,m,t,a,e\}$

| Estados | F1 | F2 | F3 | F4 | F5 | F6 | F7 | F8 | F9 | F10 | F11 | F12 | F13 | F14 | F15 | F16 | F17 | F18 | S19 | Punto |
|---------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| s0 | s1 | - | - | - | - | - | - | - | - | s10 | s10 | s13 | s14 | - | s16 | s17 | - | s18 | - | s18 |
| s1 | - | s2 | - | - | - | - | - | - | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s2 | - | - | s3 | - | - | - | - | - | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s3 | - | - | - | s4 | - | - | - | - | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s4 | - | - | - | - | s5 | - | - | - | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s5 | - | - | - | - | - | s6 | - | - | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s6 | - | - | - | - | - | - | s7 | - | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s7 | - | - | - | - | - | - | - | s8 | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s8 | - | - | - | - | - | - | - | - | s9 | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s9 | - | - | - | - | - | - | - | - | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s10 | - | - | - | - | - | - | - | - | - | s10 | s10 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s11 | - | - | - | - | - | - | - | - | - | - | s11 | s0 | s0 | s0 | s0 | s0 | - | s18 | S0 | S12 |
| s12 | - | - | - | - | - | - | - | - | - | - | s11 | s0 | s0 | s0 | s0 | s0 | - | s18 | S0 | s18 |
| s13 | s0 | s0 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s14 | s0 | s0 | s0 | s0 | s15 | s0 | s0 | s0 | s18 | - | s18 |
| s15 | s0 | s0 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s16 | s0 | s0 | s0 | - | s0 | s0 | s0 | s0 | s18 | - | s18 |
| s17 | s0 | s0 | s0 | s0 | s0 | s0 | s0 | s0 | s18 | - | s18 |