G1=({S,A,B,C,Y,Z}, {0,1,2,3,4,5,6,7,8,9,+,-,\*,/,%,^,logdec,(,),.},

P1, S)

P1={

S -> (B) |B|

A → C|S |C.C

B → A+A|A-A|A\*A|A/A|A^A |A%A|logdec(A)

C →

1|2|3|4|5|6|7|8|9|0|1A|2A|3A|4A|5A|6A|7A|8A|9A|0A|1Y|2Y|3Y|4Y|5Y|6Y|7Y|8Y|9Y|0Y

Y → 1Z|2Z|3Z|4Z|5Z|6Z|7Z|8Z|9Z|0Z|1|2|3|4|5|6|7|8|9|0

Z → 1Y|2Y|3Y|4Y|5Y|6Y|7Y|8Y|9Y|0Y|1|2|3|4|5|6|7|8|9|0

}

GLOSARIO

+ : SUMA

- : RESTA

\* : MULTIPLIACION

/ : DIVISION

% : Modulo

^ : potencia

logdec : Logaritmo decimal