

```

1 PROGRAM = "(" PRED ":-" ( PRED | NUM ) { ",", ( PRED | NUM ) } ")" { "(" PRED ":-" ( PRED | NUM ) { ",",
    " ( PRED | NUM ) } ")" } "(" PRED ( INF | PRED | NUM ) { ",", ( INF | PRED | NUM ) } ":-" ( "(" [
    "not" ] "(" PRED ( INF | PRED | NUM ) { ",", ( INF | PRED | NUM ) } ")" { ( "&" | "or" ) [ "not"
    ] "(" PRED ( INF | PRED | NUM ) { ",", ( INF | PRED | NUM ) } ")" } | ( PRED | NUM ) { ",",
    ( PRED | NUM ) } ) ")" { "(" PRED ( INF | PRED | NUM ) { ",", ( INF | PRED | NUM ) } ":-" ( "(" [
    "not" ] "(" PRED ( INF | PRED | NUM ) { ",", ( INF | PRED | NUM ) } ")" { ( "&" | "or" ) [ "not"
    ] "(" PRED ( INF | PRED | NUM ) { ",", ( INF | PRED | NUM ) } ")" } | ( PRED | NUM ) { ",",
    ( PRED | NUM ) } ) ")" } "(" "?"- PRED ( PRED | NUM ) { ",", ( PRED | NUM ) } ")" .

```

WIRTH

```

1 initial: 0
  final: 21
3 (0, "(") -> 1
  (1, PRED) -> 2
5 (2, ":-") -> 3
  (3, PRED) -> 4
  (3, NUM) -> 4
7 (4, ",") -> 3
  (4, ")") -> 5
9 (5, "(") -> 6
  (6, PRED) -> 7
  (7, PRED) -> 8
13 (7, ":-") -> 3
  (7, NUM) -> 8
  (7, INF) -> 8
15 (8, ":-") -> 9
  (8, ",") -> 10
  (9, "(") -> 11
17 (9, PRED) -> 12
  (9, NUM) -> 12
  (10, PRED) -> 8
  (10, NUM) -> 8
23 (10, INF) -> 8
  (11, "(") -> 18
25 (11, "not") -> 19
  (12, ",") -> 13
  (12, ")") -> 14
  (13, PRED) -> 12
  (13, NUM) -> 12
29 (14, "(") -> 15
  (15, PRED) -> 10
  (15, "?"-) -> 16
33 (16, PRED) -> 17
  (17, PRED) -> 20
  (17, NUM) -> 20
35 (18, PRED) -> 22
  (19, "(") -> 18
  (20, ",") -> 17
39 (20, ")") -> 21
  (22, PRED) -> 23
  (22, NUM) -> 23
  (22, INF) -> 23
43 (23, ",") -> 22
  (23, ")") -> 24
45 (24, ")") -> 25
  (24, "&") -> 11
47 (24, "or") -> 11
  (25, ")") -> 14

```

AFD PROGRAM

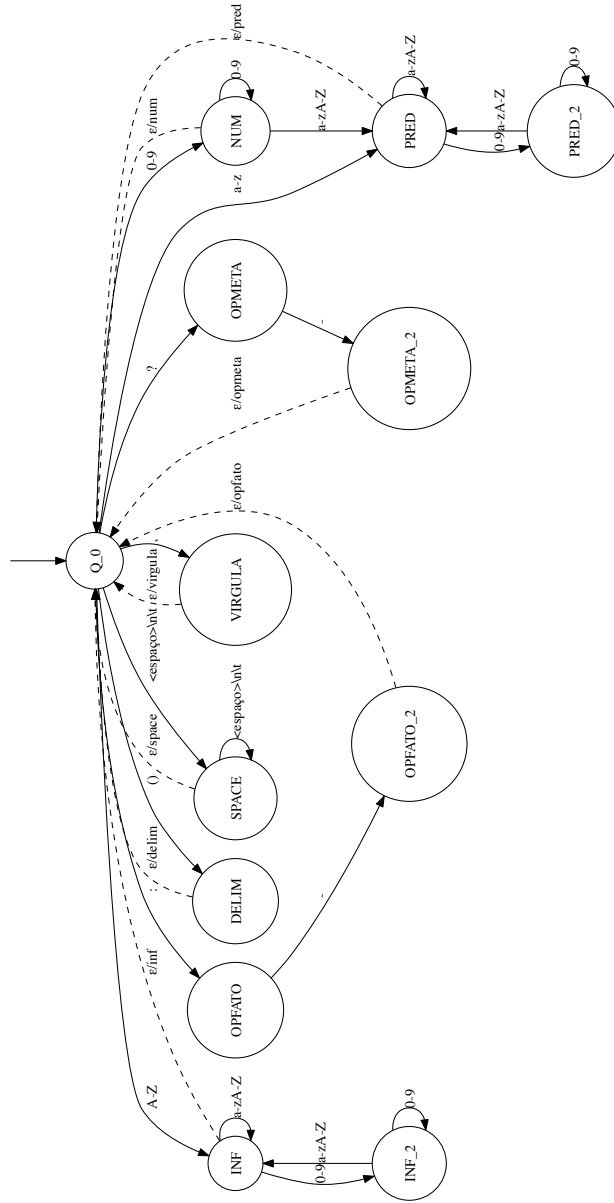


Figure 1: Transdutor Léxico

