Корнелюк Валентин. Вариант 10.

begin;(□)\* return;(□)\* (abs(calc+pr);) + □ \* end;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| begin | □ | return | abs | calc | pr | end |
| a | b | c | d | e | f | j |

[0] a; [1] (b)\* [2] c; [3] (b)\* [4] d(e+f);+ [5] b\* [6] j; [7]

Примеры цепочек:

1) a b c b de b j

2) a bb c bb df b j

3) a c bbb de bbbb j

4) a c bb df j

5) a c df j

6) a c df bbb j

7) a c de b j

Граф конечного автомата:

a;(b)\*c;(b)\*d(e+f);+b\*j;

|  |
| --- |
|  |

Таблица переходных состояний:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | a; | b | c; | de; | df; | j; | λ |
| S0 | S1 |  |  |  |  |  |  |
| S1 |  | S2 |  |  |  |  | S2 |
| S2 |  | S2 | S3 |  |  |  |  |
| S3 |  | S4 |  | S5 | S5 |  | S4 |
| S4 |  | S4 |  | S5 | S5 |  |  |
| S5 |  | S6 |  | S5 | S5 |  | S6 |
| S6 |  | S6 |  |  |  | S7 |  |

a;bc;bde;bj; *--a;>* bc;bde;bj; --b> c;bde;bj; --c;> bde;bj; --b>de;bj; --de;> bj; --b> j *–j;>* λ

a;bbbc;df;j; *--a;>* bbbcdf;j; *--b>* bbcdf;j; *--b>* bc;df;j; *--b>* c;df;j; *--c;>* df;j; *--df;>* λ j; *-- λ >* j *–j;>* λ