Корнелюк Валентин. Вариант 10.

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| begin; | □ | return; | end; | abs(clalc); | abs(pr); |
| a | b | c | J | k | l |

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

a(b)\*c(b)\*(k+l)+b\*j

Примеры цепочек:

1) a b c b k b j

2) a bb c bb l b j

3) a c bbb kkll bbbb j

4) a c bb l j

5) a c l j

6) a c l bbb j

7) a c k b j

Граф конечного автомата:

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

|  |
| --- |
|  |

Таблица переходных состояний:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | a | b | c | k | l | 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 |  |

abcbkbj *--a>* bcbkbj --b> cbkbj --c> bkbj --b>debj --de> bj --b> j *–j>* λ