Лабораторная работа № 13.

Корнелюк Валентин. Вариант 10.

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

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

a(b)\*c(b)\*d(e+f)+b\*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:

|  |
| --- |
|  |

Таблица переходных состояний:

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

abcbdebj -> bcbdebj -> cbdebj -> bdebj ->debj -> bj -> j -> λ