

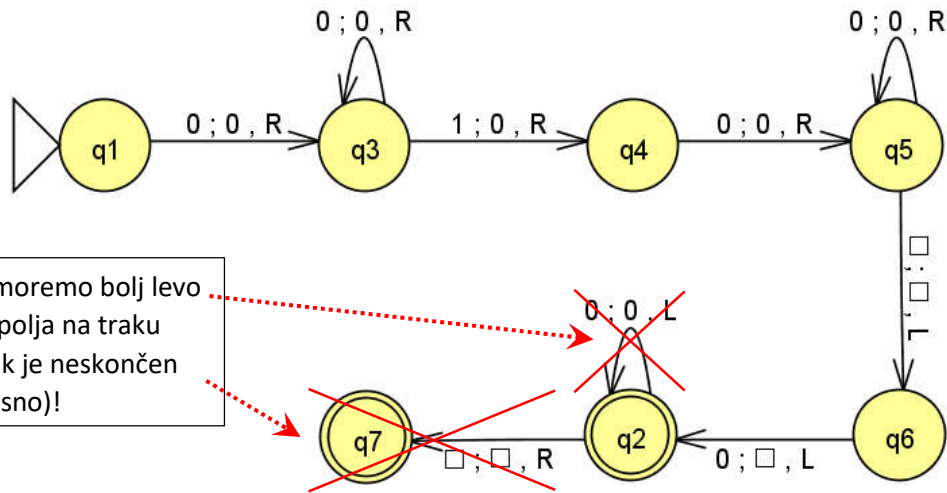
Prevedba $L_U \rightarrow L_{MPCP}$:

$M_U = \langle M_+, w \rangle$

$M_+ = TS$ »za seštevanje«

$w = 0010$

M_+ :



Funkcija prehoda M_+ :

Pari MPCP:

- 1 $\delta(q_1, 0) = (q_3, 0, R) \rightarrow (q_1 0, 0 q_3)$
- 2 $\delta(q_3, 0) = (q_3, 0, R) \rightarrow (q_3 0, 0 q_3)$
- 3 $\delta(q_3, 1) = (q_4, 0, R) \rightarrow (q_3 1, 0 q_4)$
- 4 $\delta(q_4, 0) = (q_5, 0, R) \rightarrow (q_4 0, 0 q_5)$
- 5 $\delta(q_5, 0) = (q_5, 0, R) \rightarrow (q_5 0, 0 q_5)$
- 6 $\delta(q_5, B) = (q_6, B, L) \rightarrow (0 q_5 \#, q_6 0 \#)$
 $\rightarrow (1 q_5 \#, q_6 1 \#)$
- 7 $\delta(q_6, 0) = (q_2, B, L) \rightarrow (0 q_6 0, q_2 0)$
 $\rightarrow (1 q_6 0, q_2 1)$

- | | | |
|-------------------|----------------|----------|
| $(0 q_2 0, q_2)$ | $(q_2 0, q_2)$ | A |
| $(0 q_2 1, q_2)$ | $(q_2 1, q_2)$ | |
| $(1 q_2 0, q_2)$ | $(0 q_2, q_2)$ | |
| $(1 q_2 1, q_2)$ | $(1 q_2, q_2)$ | |
| $(\#, \#)$ | B | |
| $(0, 0)$ | | |
| $(1, 1)$ | | |
| $(q_2 \# \#, \#)$ | F | |

Izpeljava niza »0010«:

$q_1 0 0 1 0 \overset{1}{|} 0 q_3 0 1 0 \overset{2}{|} 0 0 q_3 1 0 \overset{3}{|} 0 0 0 q_4 0 \overset{4}{|} 0 0 0 0 q_5 \overset{6}{|} 0 0 0 q_6 0 \overset{7}{|} 0 0 q_2 0$

Nizanje parov MPCP pri izpeljavi niza »0010«:

$\# q_1 0 0 1 0 \# 0 q_3 0 1 0 \# 0 q_3 1 0 \# 0 0 q_4 0 \# 0 0 0 q_5 \# 0 0 q_6 0 \# 0 q_2 0 \# q_2 \# \#$

1 2 3 4 6 7 A F

$\# q_1 0 0 1 0 \# 0 q_3 0 1 0 \# 0 q_3 1 0 \# 0 0 q_4 0 \# 0 0 0 q_5 \# 0 0 q_6 0 \# 0 q_2 0 \# q_2 \# \#$