

FGI 2 [HA], 4. 11. 2013

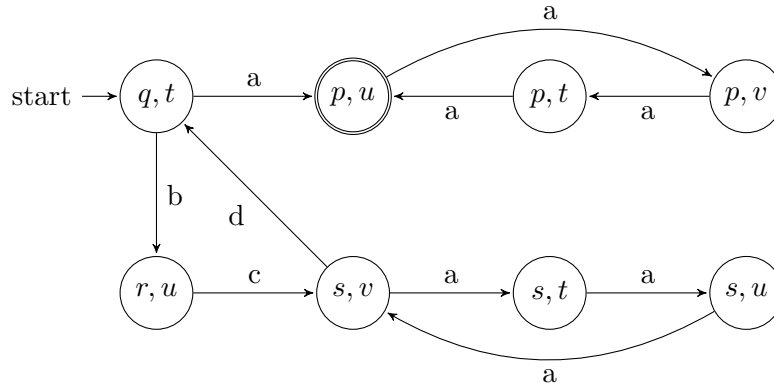
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3. November 2013

3.3. 1.

$$\begin{aligned} L(A_1) &= (bca^*d)^*a^* \\ L(A_2) &= (a+b)((a+c)(a+d)(a+b))^* \\ L^\omega(A_1) &= (a)^\omega + (bca^*d)^\omega + (bca^*d)^\omega a^\omega \\ L^\omega(A_2) &= ((a+b)(a+c)(a+d))^\omega \end{aligned}$$

2.



3.

$$\begin{aligned} L(A_3) &= (bc(aaa)^*d)^*a(aaa)^* \\ L^\omega(A_3) &= (bc(aaa)^*d)^*a(aaa)^\omega \\ L(A_1) \cap L(A_2) &= (bc(aaa)^*d)^*a(aaa)^* \end{aligned}$$

4.

5.

3.4. Bisimilar: TS1, TS3 sowie TS2 und TS4.