FGI2 Übungen Blatt 3

Oliver Sengpiel, 6322763
Daniel Speck, 6321317
Daniel Krempels, 6424833

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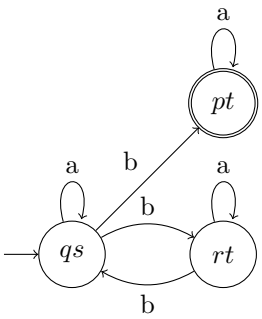
3.3

3.3.1

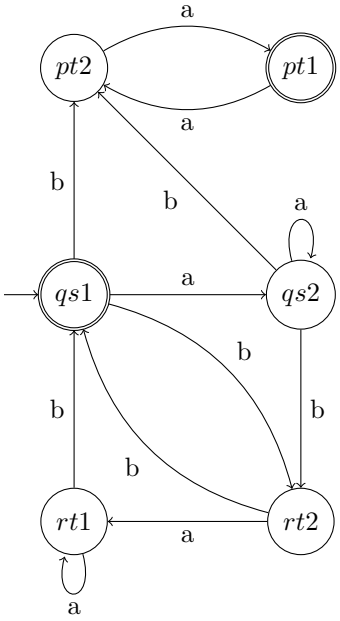
$L(A_1) = (a^* + (ba^*b)) + ((a^* + (ba^*b))^*ba^*)$
$L(A_2) = (a^*ba^*(ba^*b)^*a^*)$
$L^\omega(A_1) = (a + ba^*b)^*(ba^\omega) + (a + ba^*b)^\omega$
$L^\omega(A_2) = a^*b(a^* + (ba^*b))^\omega$

3.3.2



3.3.3

3.3.4



3.3.5

3.4

Beweis: $TS_s \leftrightarrows TS_r \Rightarrow TS_r \leftrightarrows TS_s$
Gegeben sei eine Bisimulationsrelation $\mathcal{B}_s$, so dass $TS_s \leftrightarrows TS_r$ gilt.