

Figure 1: Automaton A and the first five levels of the split tree of the runs of A on the word a^{ω} .

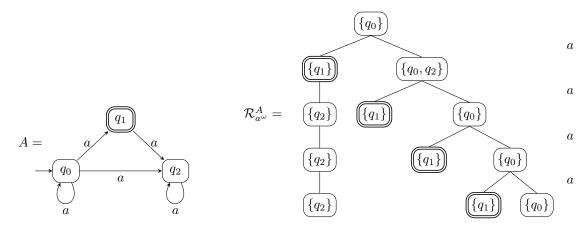


Figure 2: XXXXXXX Automaton A and the first five levels of the left-to-right reduced split tree of the runs of A on the word a^{ω} .

$$\begin{array}{l} q_0 \ \{q_0\} \ \{q_0, q_1\} \\ q_0 \ \{q_0\} \end{array}$$

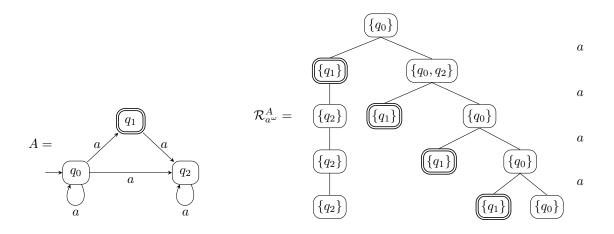


Figure 3: Automaton A and the first five levels of the left-to-right reduced split tree of the runs of A on the word a^{ω} .

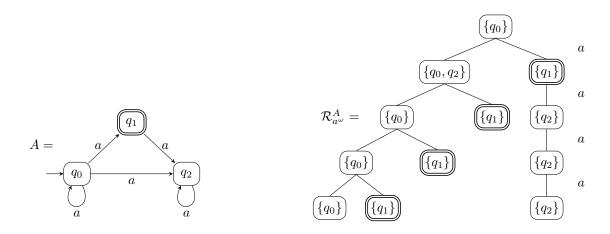


Figure 4: Automaton A and the first five levels of the right-to-left reduced split tree of the runs of A on the word a^{ω} .

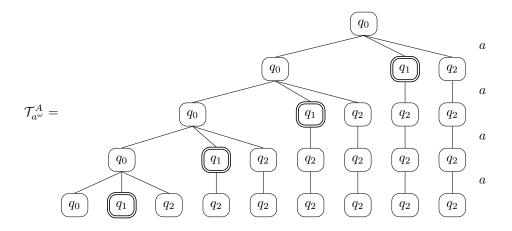


Figure 5: Automaton A and the first five levels of the run tree of the runs of A on the word a^{ω} .

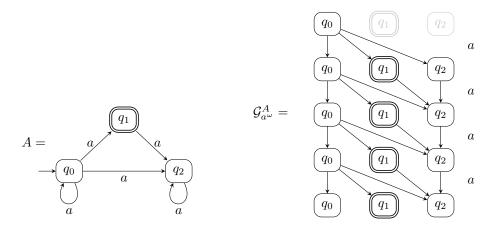


Figure 6: Automaton A and the first five levels of the run dag of the runs of A on the word a^{ω} .

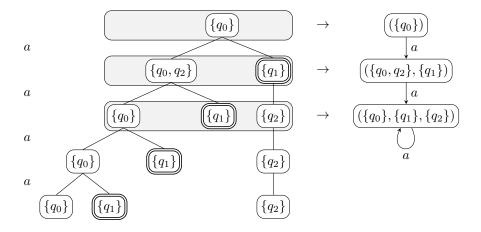


Figure 7: From levels of a reduced split tree to the slices of the subset-tuple construction.

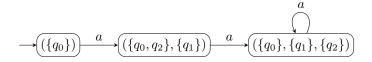


Figure 8: Upper part of complement of A.

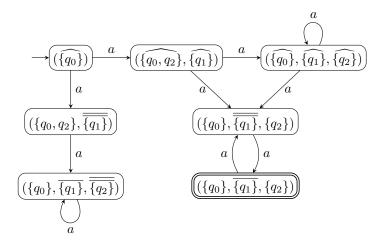


Figure 9: The complement automaton B.

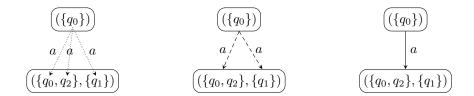


Figure 10: Different notions of runs.