

Theoretical Exercise 2 – TDT4205

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2.1 Regular languages

- a.
- b.

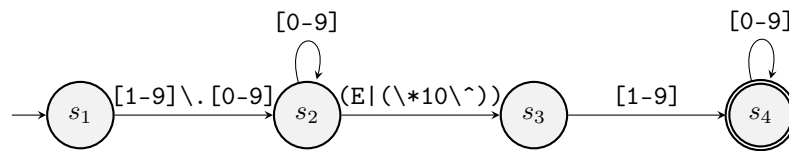


Figure 1: DFA for the normalized notation.

- c. $a^*(ba^*b)^*a^*$
- d. $[ab]^{\{2\}}([ab]^{\{3\}})^*$

2.2 NFAs and DFAs

- a.
- b.

2.3 DFA minimization