

Deterministic Finite Automata

A deterministic finite automaton (DFA) is a special case of NFA in which

1. no state has an ϵ -transition
2. for each state s and input symbol a , there is at most one edge labeled a leaving s

References

- [1] Jeffrey D. Ulman, Ravi Sethi, Alfred V. Aho *Compilers: Principles, Techniques and Tools* copyright 1986 by Bell Telephone Laboratories, Incorporated page 115-116