

Preparation Activity PAo2 – DFAs

Give a DFA (Deterministic Finite Automaton) to recognize strings over the alphabet $\{a,b\}$ and which start with an “a” and finish with a ‘b’:

- (a) Draw the state diagram of the DFA;
- (b) Present the DFA using the formal notation (i.e., using the tuple and defining each element of the tuple);