

# Automata + Learning Reading Group

## (3a) NFA Determinization

### Exercise E

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Use the Powerset Construction method to determinize the NFA below.

- Mark all DFA states with the corresponding set of NFA states.
- Garbage states, if reachable, should be **explicit**.
- Unreachable states need not be computed or drawn.
- The alphabet is the set of all symbols labelling the NFA transitions. ( $\epsilon$  is not a symbol, as usual).

