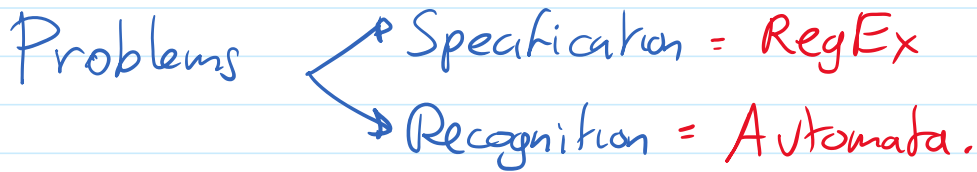


# Mathematical Languages



- Automata.  
a mathematical machine.

DEF • Set of states  
 - initial state  
 - set of "accept" states

• Transition function.  
 (state, symbol from alphabet) → state.

E.g

$\Sigma = \{a, b\}$

