

# Review 6

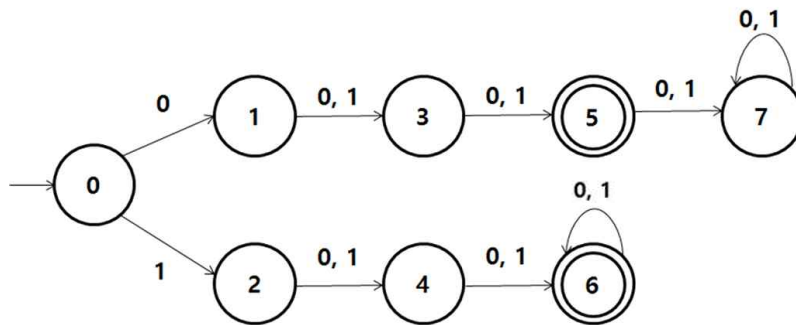
## Automata & Theory of Computation

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Student ID:

Name:

1. Partition the following dfa's state set into indistinguishable state sets, and reduce the following dfa to the minimal dfa.



2. Exhibit the language  $L = (a^* \cdot (a + b))$  in set notation.

$$L = (a^* \cdot (a + b)) =$$