1. Equivalence Graph

Construct an equivalence graph using Hopcroft's algorithm[1] (its complement, the distinction graph, is shown).
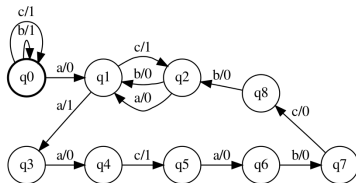

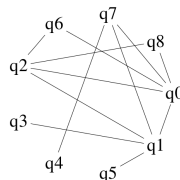Figure 1: An incompletely-specified FSM

Figure 2: Distinction graph for the FSM in Figure 1

---

[1] J. Hopcroft. "An $n \log n$ algorithm for minimizing states in a finite automaton". In: *Theory of machines and computations* (1971), pp. 198 −196.