A Counter Example for Lock-Step Traversal of Multiple Automata
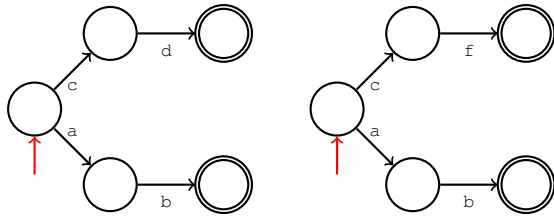

Figure 1: Counter example showing that traversing two automaton in parallel may not find any string in the intersection, even if one exists. The two automaton above have a non-empty intersection (the string `ab`), but if the search algorithm takes the edge `c`, then inference will not find any valid string.