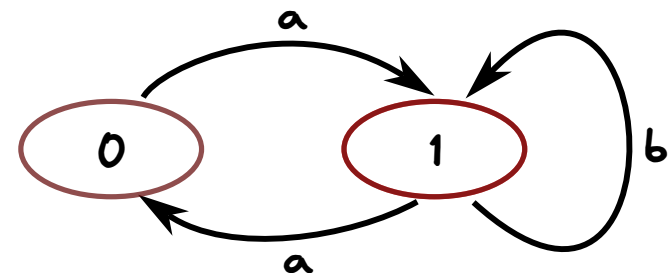
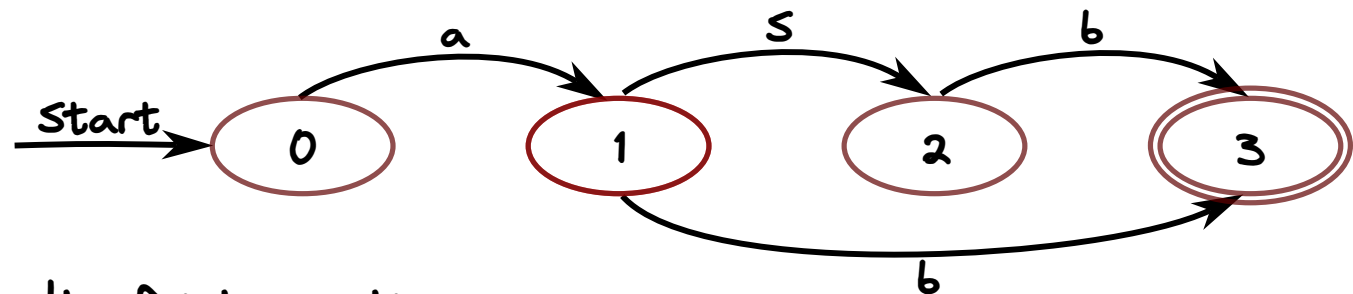


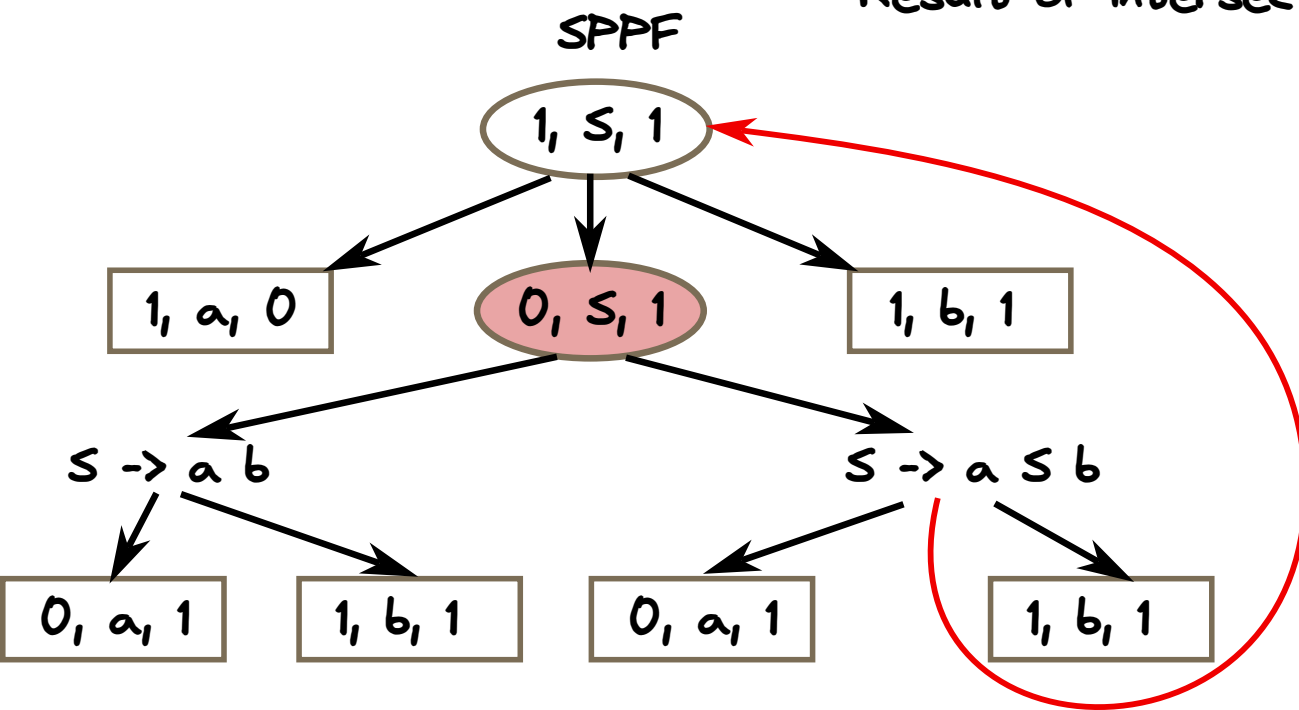
Input graph: regular language



Query: context-free language



Result of intersection



Respective context-free grammar

$(1, S, 1) \rightarrow (1, a, 0) (0, S, 1) (1, b, 1)$
 $(0, S, 1) \rightarrow (0, a, 1) (1, b, 1)$
 $(0, S, 1) \rightarrow (0, a, 1) (1, S, 1) (1, b, 1)$

Nonterminals

Terminals
(edges)