- 2 3 4

Proof A minimal states - choose strongs for every pair of states such that one labs to eccept, the Aharingers.

1,2:01 2,3:1 3,4:8

1,3:1 2,4:8

1,4: &

Each pair of states contens a strong sequence such that one accepts and the other rejects. The IFA therefore is in minimal form, hence 4 is the minimal number of states,