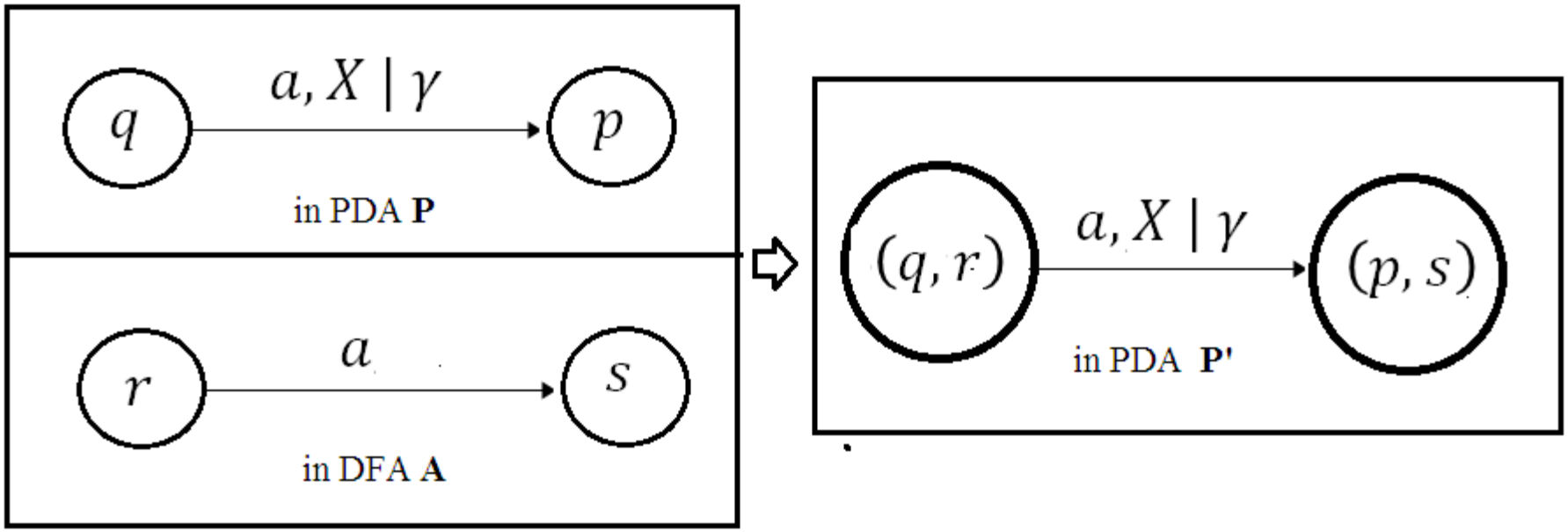
How intersection of PDA and DFA is found?

- Let P be the PDA
- And A be the DFA

- We want to find PDA for the intersection of the languages recognized by P and A.

- When $a \in \Sigma$, i.e., an alphabet other than ϵ,
- Then, for every possible combination, do



- When $a = \epsilon$,
- Then, for every state r of the DFA A , one has to add … {as many as no. of states in A, that many has to be added for one arrow in P.}