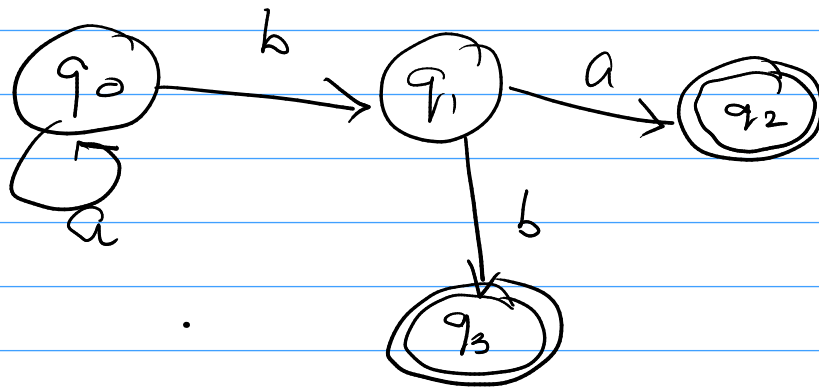


$a^*b (a \cup b)$



note : regular expressions cannot have strings of a language  $\Rightarrow$   $\epsilon$  can't be in regex

$$(a \cup b)^* a^* b a = (a \cup b)^* b a$$

