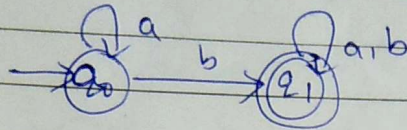
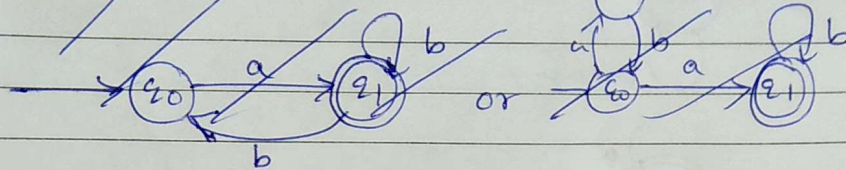


Regular expressions to DFA, NFA, CNFA

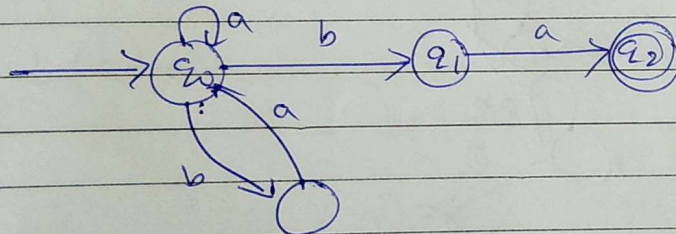
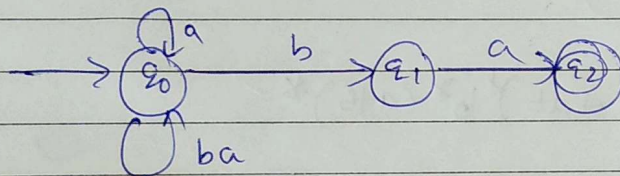
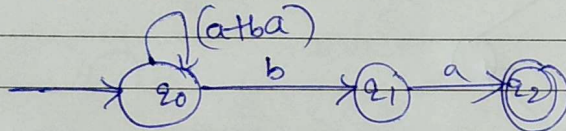
① $a^*b(a+b)^*$



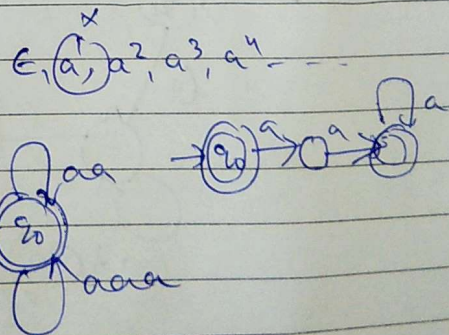
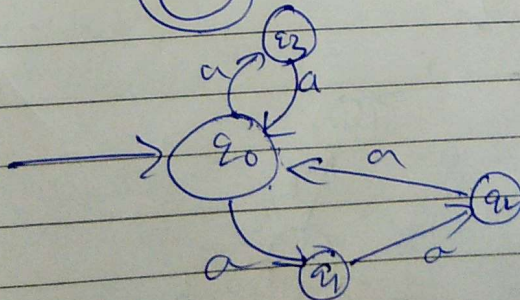
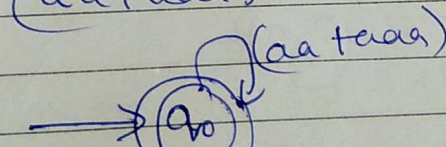
② $(ab)^*ab^*$



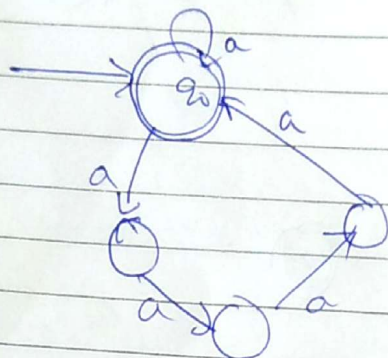
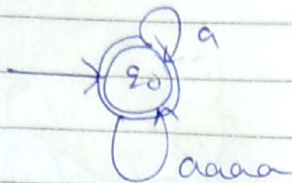
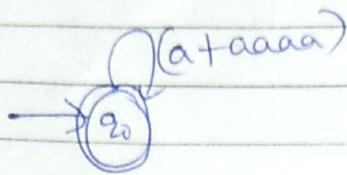
③ $(a+ba)^*ba$



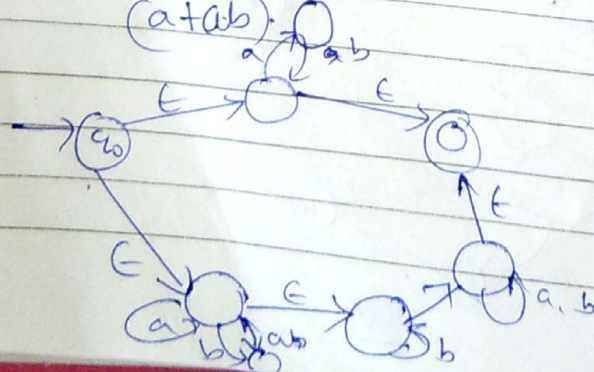
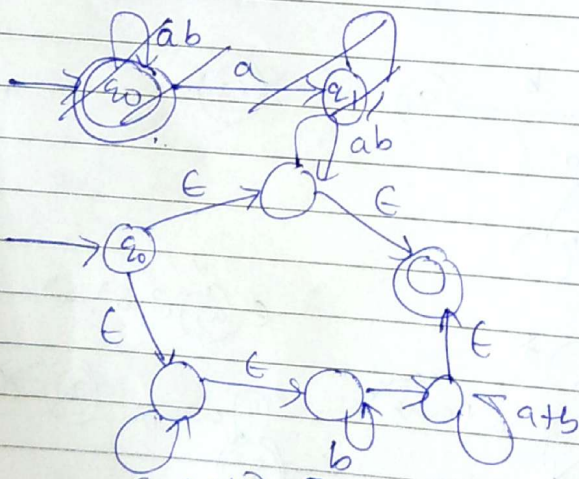
④ $(aa+aaa)^*$



5) $(a+aaaa)^*$



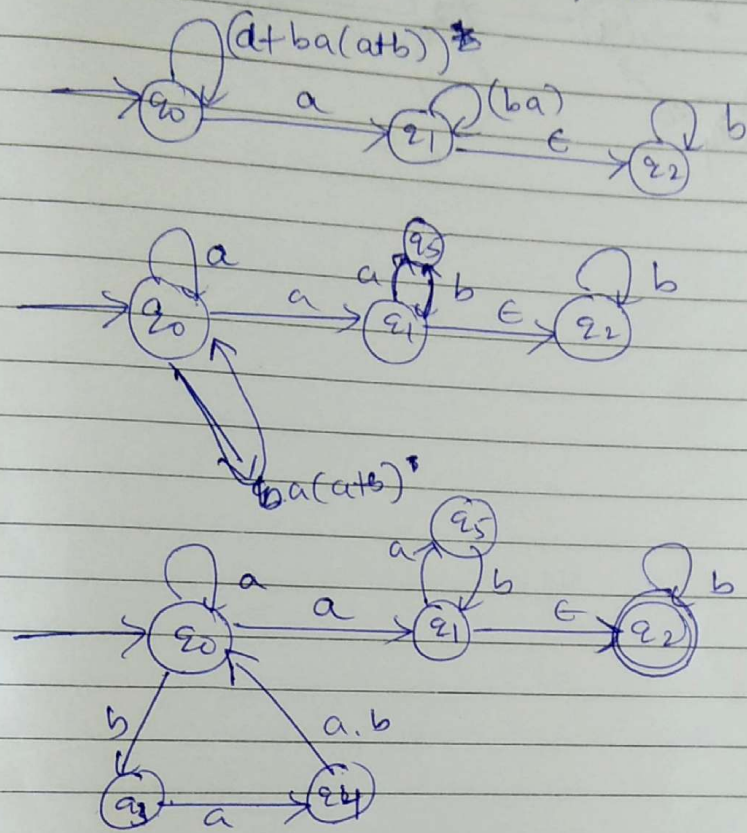
6) $(ab)^* + (a+ab)^*b^*(a+b)^*$



70

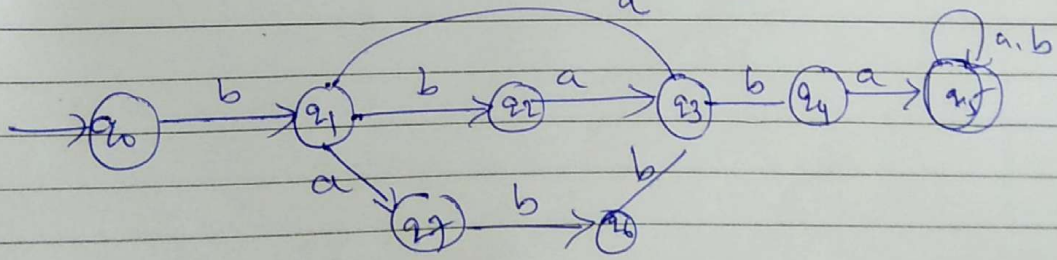
$$(a + ba(atb))^* a(ba)^* b^*$$

Date / / 20



81

$$b(a + batabb)(ba(atb))^*$$



27

$$(atb + ca) ((bab)^* + (atb)^*)^* (ab)^*$$

$$(a + tb + ca) (bab + (atb))^* (ab)^*$$

$$(a + tb + ca) (bab + atb)^* (ab)^*$$

