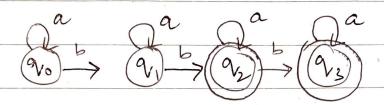




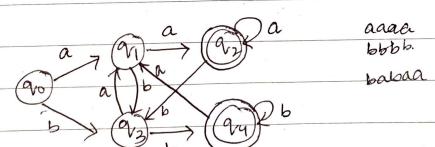
a\*ba\*ba\* + a\*ba\*ba\*

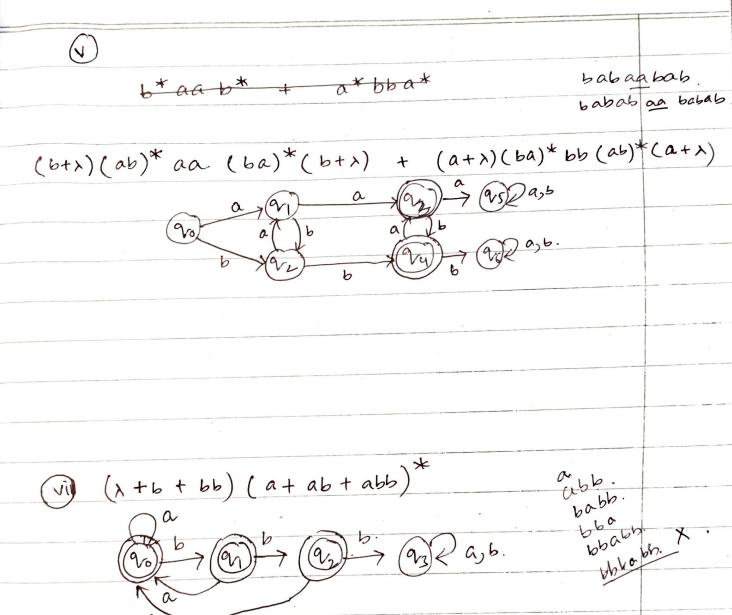


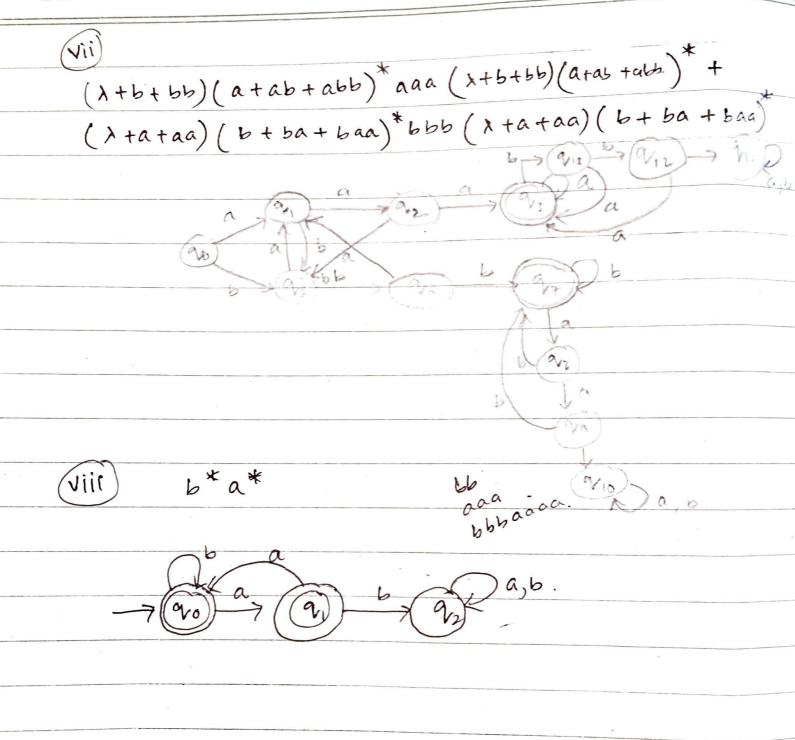


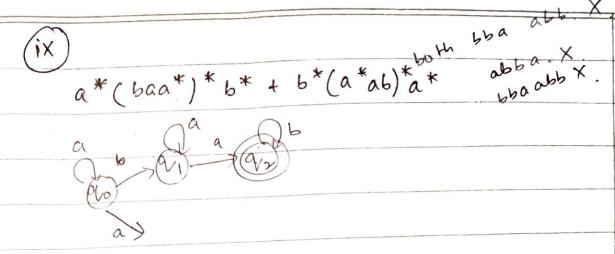
(a+b)\* (aa+bb)

(a+b) \*aa + (a+b) \*bb









 $(x) \qquad (b*ab*ab*ab*)*$  (ab\*ab\*ab\*ab\*)\* (ab\*ab\*ab\*ab\*)\* (ab\*ab\*ab\*ab\*)\* (ab\*ab\*ab\*ab\*)\* (ab\*ab\*ab\*ab\*)\*

## 13 02.

- (ab)\*a a(ba)\*a, aba, ababa... = a, aba, ababa...
- (a+b)\* (a+b)\*

  aab, aaabbb

  aab, aaabbb.
- (iii)  $(a^* + b^*)^*$   $(a+b)^*$ ab, aaabbb ab, aaabbb.
- (N) &\* & &
- (a\*b)\*a\* a\*(ba\*)\*

  aba, aabaa aba, aabaa
- (vi) (a\*bbb)\*a\* a\* (bbba\*)\*

  → a bbb aa → a bbb aa.
- $(a+bb)^{\dagger}aa)^{\dagger}$   $\xi + (a+bb)^{\dagger}aa$  abbaa abbaa

(viii)	(aa)* (E+a)	a*	
	aca	Δ	
8			
(x)	a (aa) + (2+a)	9*	