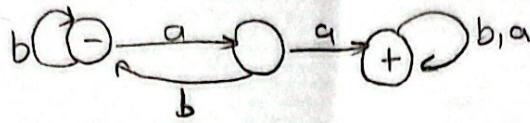
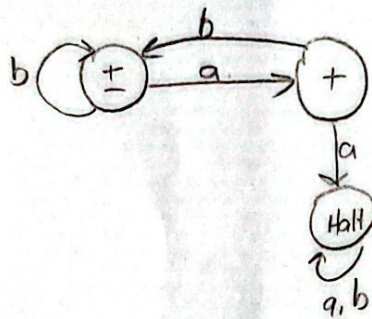


23.a-) herhangi bir yerde çift a sembolü içeren kelimeler
F.A modeli

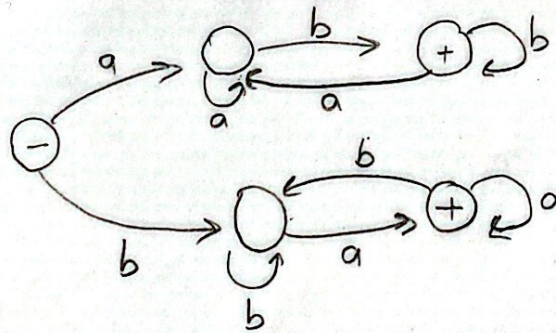


23.b-) $S = \{a, b\}$ ordısık 2a sembolü içermeyen kelimeler
F.A Modeli ve Düzenli ifade yazınız



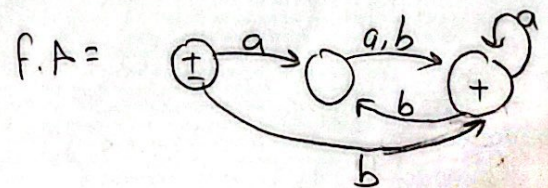
$$R.E = b^*(abb^*)^*(\Lambda + a)$$

23.c-) ilk ve son harfleri farklı olan kelimelerin dili
iain F.A Modeli



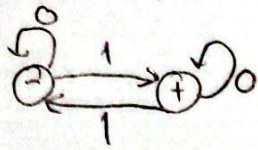
23.d-) Yanyana 3 tane a sembolü bulunmayan kelimelerin
dili iain F.A modeli çiziniz ve R.E yazınız

$$R.E = b^*(abb^* + aabb^*)(\Lambda + a + aa)$$

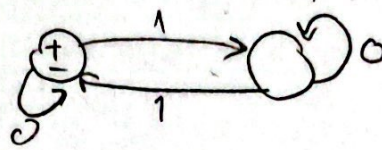


23.e \rightarrow Parity kontrol eden makine f.A modeli

* ODD parity

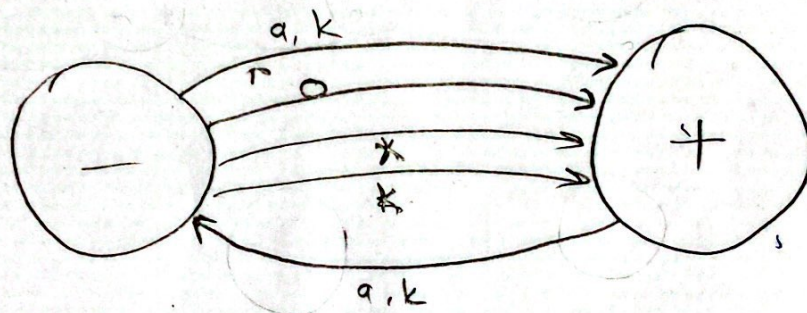


* Even Parity

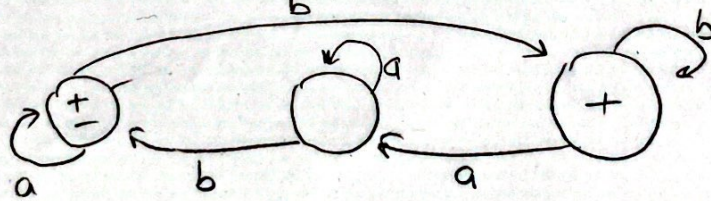


26. -) adam, keci, kurt ve ot sorusu

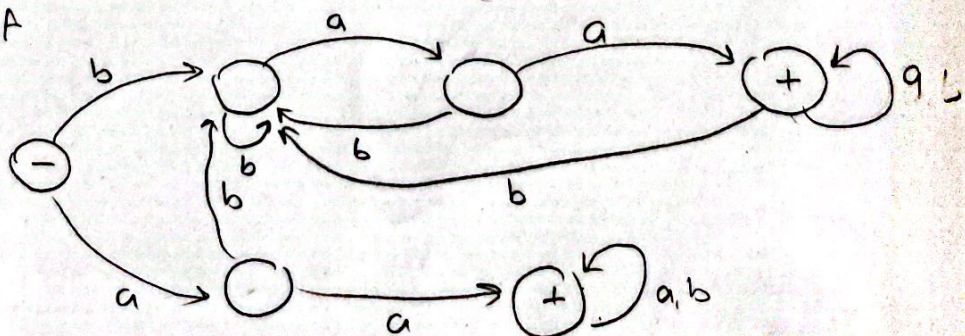
Adam = A
Keci = K
Kurt = X
Ot = 0



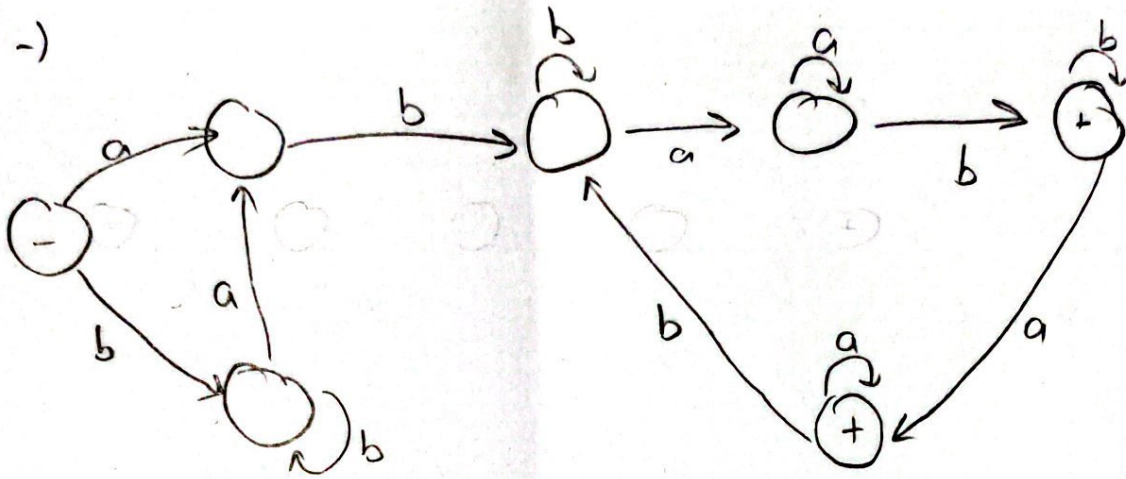
25.6 -) "bo" ile bitmeyen kelimelerin dili için f.A modeli



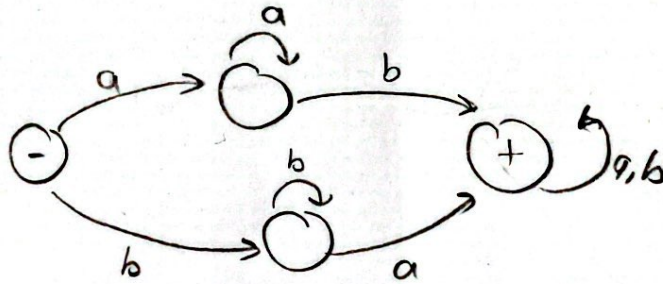
25.7 -) Gıft a ile başlayan veya çift a ile biten kelimelerin dili için f.A



25.8 -)

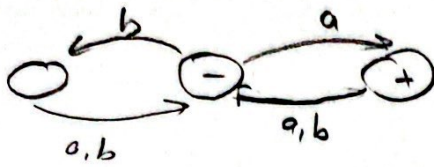


25.9 -) içinde a ve b harflerinin her ikisinde de bulunduğu ve sırasının önemsiz olduğu sonlu otomata f.A modeli



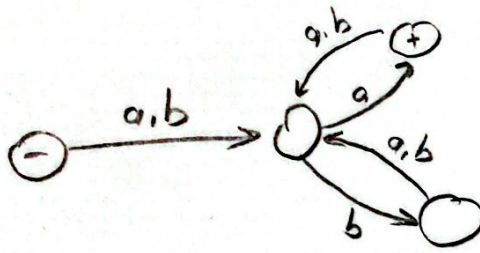
25.17-)

(i)



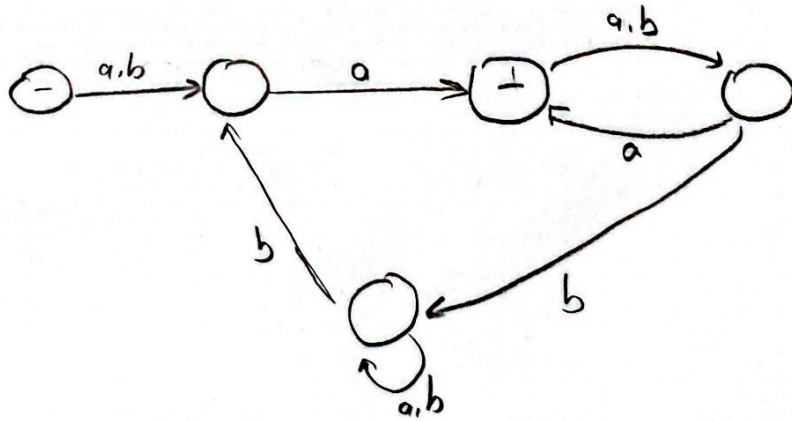
= 0 ile biten ve uzunluğu Tek olan kelimeler

(ii)



= uzunluğu çift olan ve 1 a ile biten kelimeler

(iii)



= b ile biten kelimeler
kelime uzunluğu Çifttir.