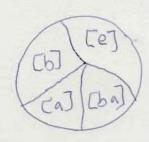
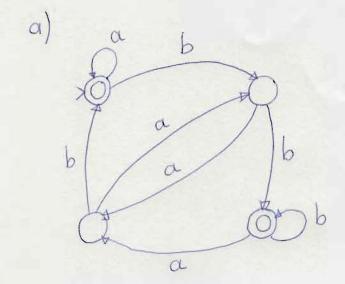
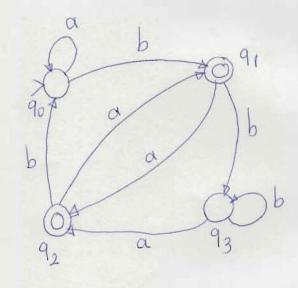


a) [0]: member strings [01]: concatenatewith 001 [00]: concatenate with 0 [111]: concatenate with 0000 001 010 100 101 110 1 1 1 It's not a regular language (L: (OUI) 0 (OUI) There are infinitely many equivalence classes. b) [e]: concatenate with b. [b]: member strings [a] [ba]: no possibility to become a member.
[ba]: concatenate with on a.



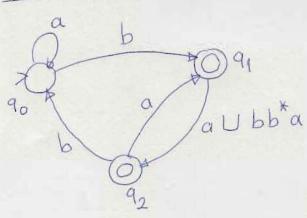


L(M)

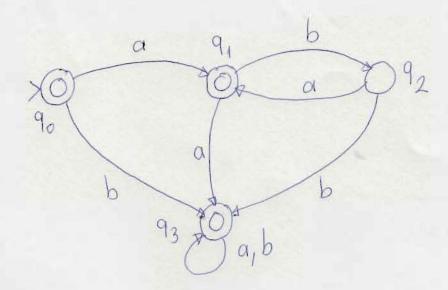


L = 2*-L

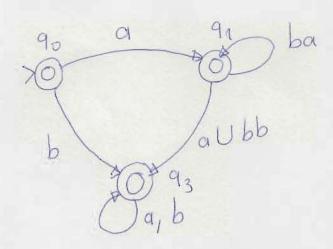
Remove 93



 9_1 : a^*b $[(aUbb^*a)(aUba^*b)]^*$ $(9_2$: a^*b $(aUbb^*a)$ $[(ba^*bUa)(aUbb^*a)]^*$



Remove 92

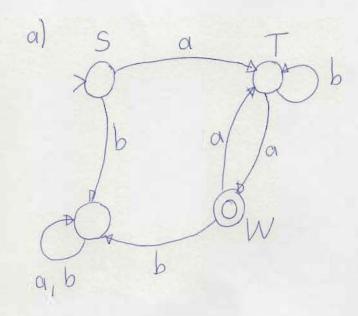


90: e

90 U 91 U 93

e U a (ba) * U b (aub) * U a (ba) * (aubb) (aub) *

Q4. S-DaT, T-DbT, T-Da, T-DaW, W-De, W-DaT



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