TOC Assignment.



1) Design FA for the following;

@ strings that have odd no. of a's & even no. of 6's. (5)

B strings that have asson odd no. of a's & odd no of 6.5. (= (a, b) }

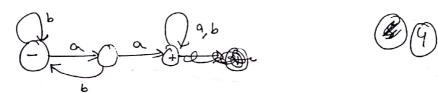
2. Design PDA for the foll, language!-

m n L= a b + m>n.

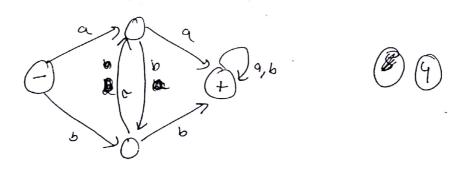
L= 0 b + m <= n.

3) A that excepts exactly one 'aaa' or 'bbb'. (aaaa not acceptable).

9. Find (FA)* for the given FA.

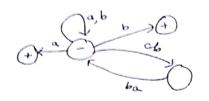


Find RE for given FA using ByPass Algorithm.



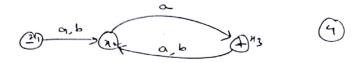


(1) Convert the face TOI into RE using Bytass algorithm.

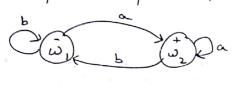


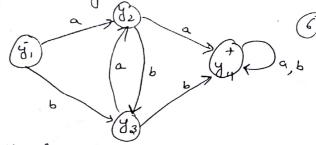


De systemotically transform the foel. NHA into equivalent DFA.



given the foll FA, find FA, FAz systemstically





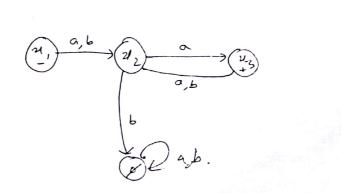
g with RF- 3 construct DFA for the lang.

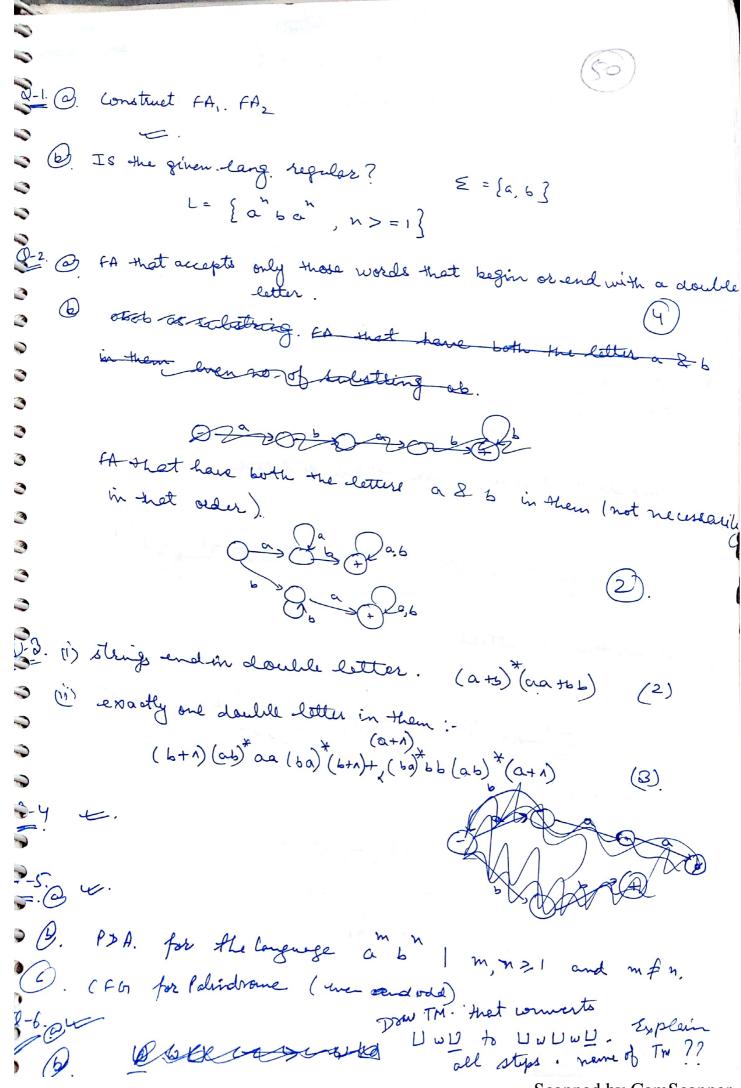
9+9

- @ howing strings with exactly one occurrence of the schetring and.
- B having words that have an even number of substrings ab.
- By construct FA accepting the following language:

[w ∈ {a,b}*: w does not contain bbb as substring.

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	٥	Ь
A-21-5	HZ	Ή _L
B- 22	из	9
(+)	42	$\mathcal{A}_{\mathcal{L}}$
7-9	d	ø





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