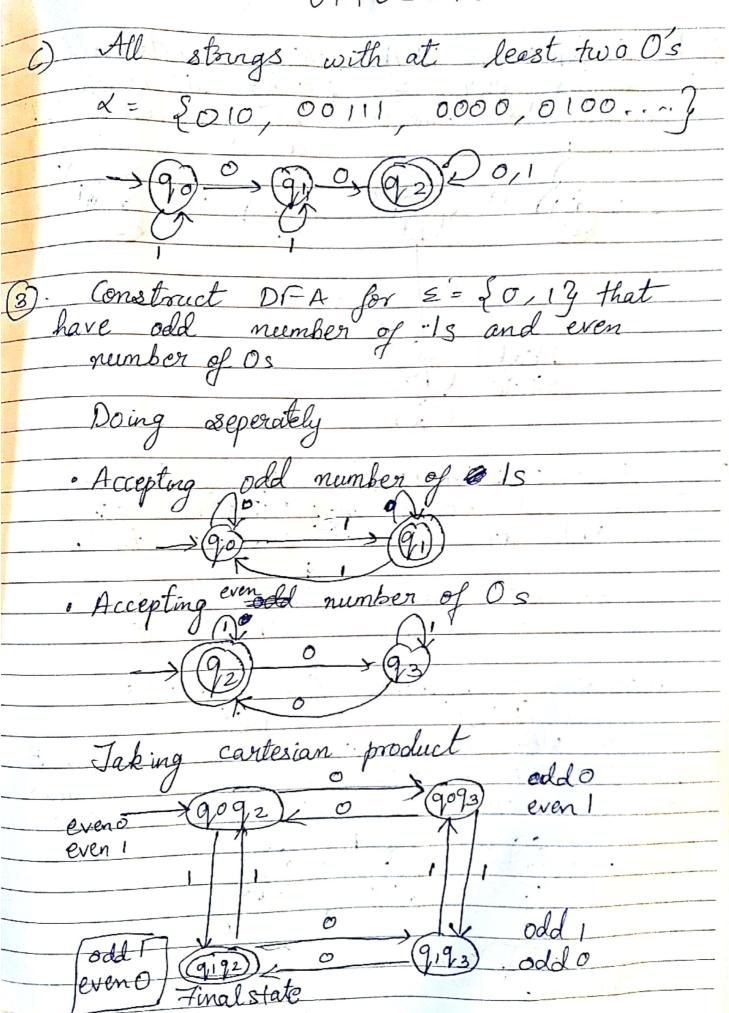
1119 CS076

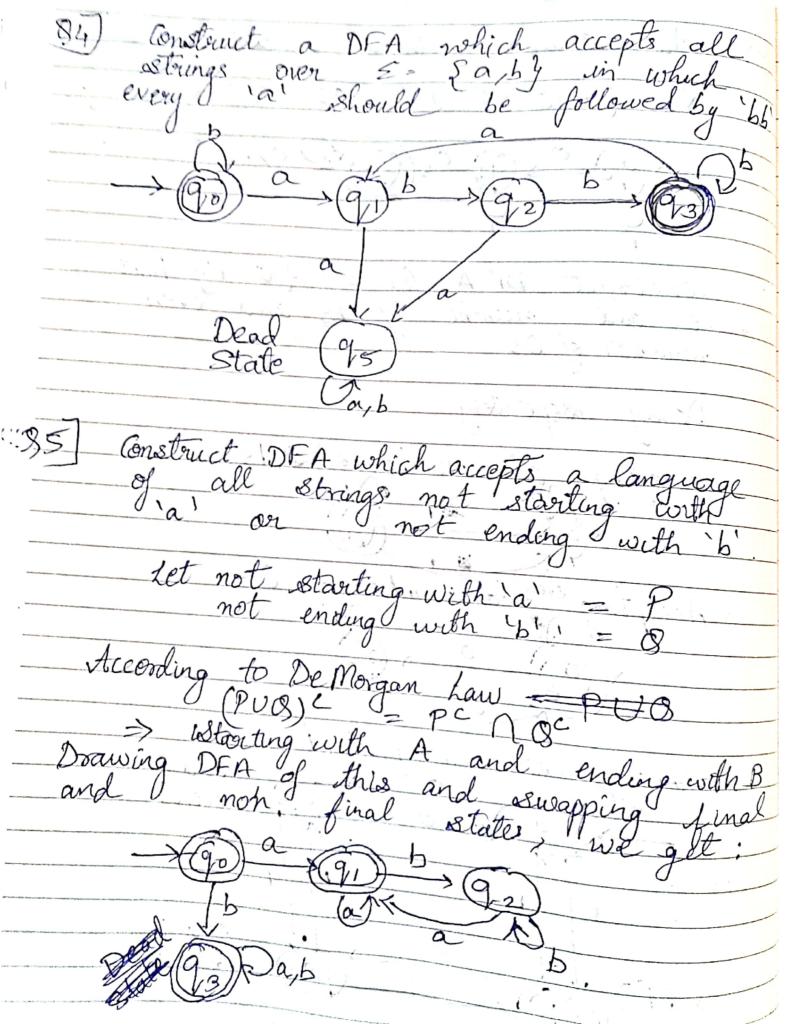
DFA - Deterministic Finite Automata
Construct DFA for Z = 2 a, b 4 that
accepts
a) All string with ash so substring
accepts a) All string with ash as substring
all aferical a desiring
All string of sub language shaving add Length of substring = 3 Minimum DFA states = 3+1 = 4
1 Length of Osubstring = 3
Minimum BFA States 0 = 3+1 = 4
d = & aab, aab aabb, bab aab, bbaaby
DFA is b a a b a b a b
h a h
a a a a a a a a a a a a a a a a a a a
90 a 92 b 93
<u>b</u> :
b) All strings ending with all
b) All strings ending with abb
All ations of language anding the sales
All strings of language ending with 'abb'
/
Length of substring = 3 Min DFA states = 4
Min DFA States = 4
The state of the s
x = 5. abb, babb, aabb, aabbabababb
The state of the s

U1905076 a Design DFA on alphabet 5: strings not ending with 010 Complement of DFA) states Strings exactly two Supresent 1100,0011.

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