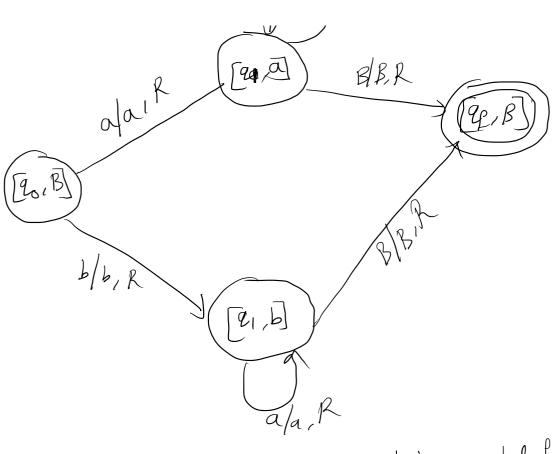
Programming Techniques of Turing Machines  1. storage instale  2. Multiple tracks  3. subroutines  1) Storage in state  Program of the program of the but also to hild a limite amount of data  AIBIC
(a, \in, \in, \in, \in, \in, \in, \in, \in
S is defined on =) (QXY) XY -> [QXY] XT X [A/K]
S([a,a],b) = ([a,b], C,R) $S([a,b], C,R)$ on the
2 with a arsymbol replaces of by b' on seeing b on the changer state from 2 to p
(2, 3) $1/C, R$
Construct IM that accepts the language & a 5 4 U b a 3 (a)
ran al den

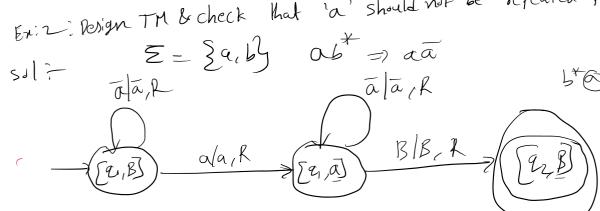
Programming Techniques Page



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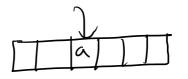


Exizi Design TM & check that 'a' should not be repeated for strings of a'llb's



Multiple Tracks:

In this a single lape is assumed to be divided in to tracks.



3) sub routines ]

function > Called > function

a +L

Exetuur } Exi Multiplication = ) Language =) BQ0100018BB 00 x ppo = 000000 > X O O I O Mellod 1= 00 00 00 XX0100 Method 2 :- 000 000 XX1000000 UP 96,R 1/1,R

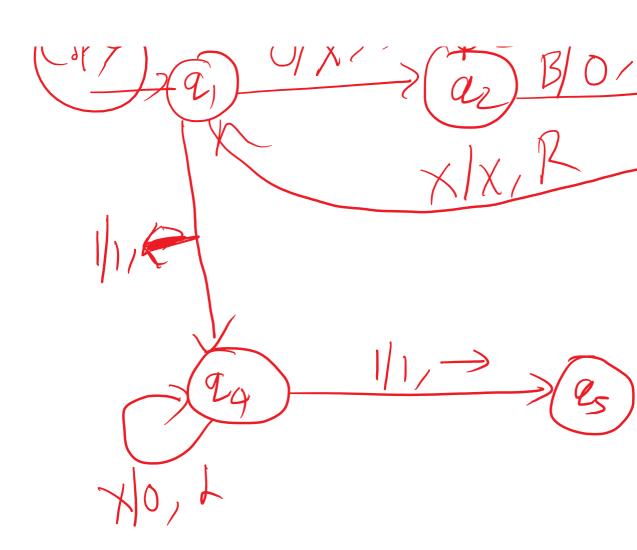
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