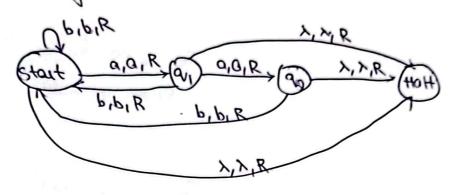
CWID: 503&10&1

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Given Turing Machine is



Acceptable Strings by the given turing machine is

TM = \$ 1, a, aa, ab, ba, bb, aabb, abab - -- }

Samply we can define given Turke Machine ex

L = { accepts everything except mose than "aao" Consequitive)

Traversing the accepted strings to the given turing machine

Example:

babaas -> 6 start abaas -> 6 a g, baas -> bab start ag s

bab agra A

Labaa Halt Labera Dabera

(Accepted)

Example - 5: "aaa" Start angle - a grage - saa grage A The is no futures transition from 9/2 state (Rejected) Finally the Language having these Consecutive "ago" will not

accepted by the Tening machine