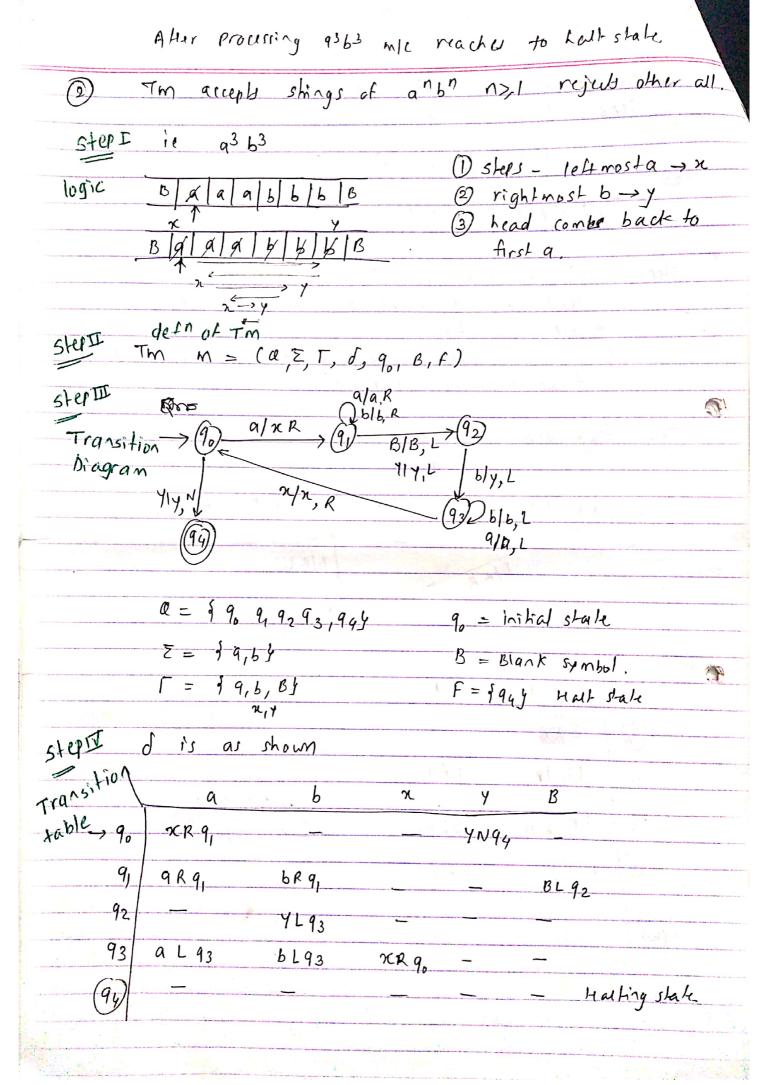
	Turing machine
	TM = M = (Q = T d q F B) (ftuple)
	$\frac{1}{1} = \frac{1}{1} = \frac{1}$
Market Control	Q = set of state
	Z = input alphabet
	T = tape alphabet (symbols)
	S: transition fun?
7	QXT -> QXTX IL, R, Nf
	9 = initial state
	f = set of final states <u>C</u> Q
(6)	B = blank symbol.
	in the second se
	a b a b a b a b a b a b a b a b a b a b
4: 1	1 Read and Symbol read/write Read and head reads symbol
	Read and heads symbol
P	write head, and writer a new
	Symbol or same symbol
	2) it can move to lett
	eq or right or no move
7	3) state may transited.
	(q_{o}) $(q_{$
	$\delta(q_0, a) \rightarrow (q_1, a, R)$ $\delta(q_0, a) \rightarrow (q_1, \chi, R)$
	FA/PPA) don't have control over their input.
	TM can change its own input.
	-> writing m/c

h-7-ca	- ar ful mlc
	Im is most powerful m/c
-	Any problem that can have
	a algorithm and can be solved
	can also be solved by TM.
	same power of digital comp.
_	abstract/ nathematical model of
	digital comp.
	Death of the second of the sec
	compansion of Power
	FA) < [PDM] < [TM]
-	Representation
_	Representation of TM
-	(1) Instantaneous Description
-	(I)
	2) Transition table
	3) Transition diagram
	The second of th



Trstureogs aabbb B — naabbb B

pescriptiogo

pescriptiogo - Naabbbb — Naabbbb· + Naabbbb

91
91 — naabbbb — naabbyb

1
1
92
1
2
1
2
1
2
3
2
3
3
93 naabbyB naabby B - nnbbyb + nnbbyb M= (0, 5, T, d, 90, B, F) Q = 990, 91, 92, 93, 945 $E = 99, 54 \Gamma = 99, 5, 2, 4, 89$ d: as per diagram 90 = 90 F = 9941B=Blank Symbol.