Math 322 12/3/ Pi. 5 > 051 Pr. 5 > 2 Appe O not type ! along with OSI
on a right nakes
on decreasing produce. 5 => 051=> 00511 =) 0005111 =) 000111S = 000111) because of thise 000111 E L(G) Ushy Same productions $S \to 051$ $L(G) = \{2, 01, 0011, 000111, --\}$

$$Stodx = A_{x}(to) = F(0) + C$$

12.3 Finite - State Machine with at put. M = (5, I, O, 1, 2, 5,)S = Finte Set of states

T = Inpt Alphabet (Finte)

O = Output Alphabet (Finte) f = transition function (ordered inflex) 3 = obpt fuctor (ordered mple) So = start state

Voudite: |

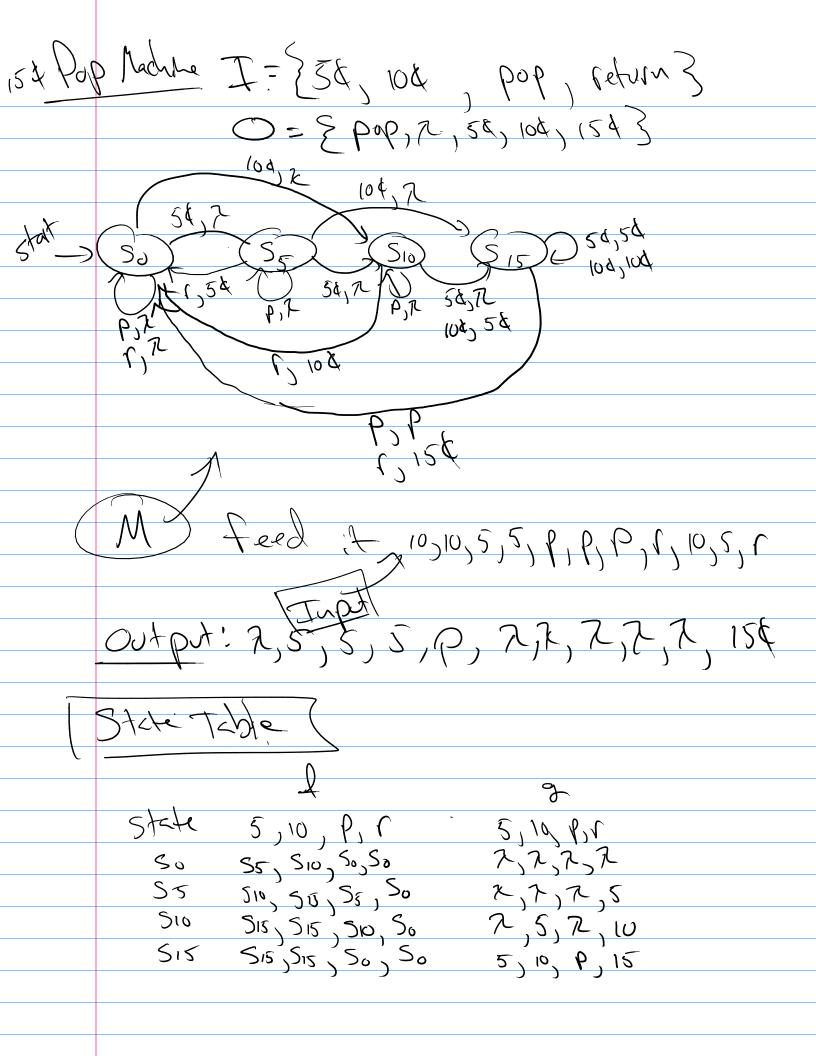
State diagram! (1) State = (abe)

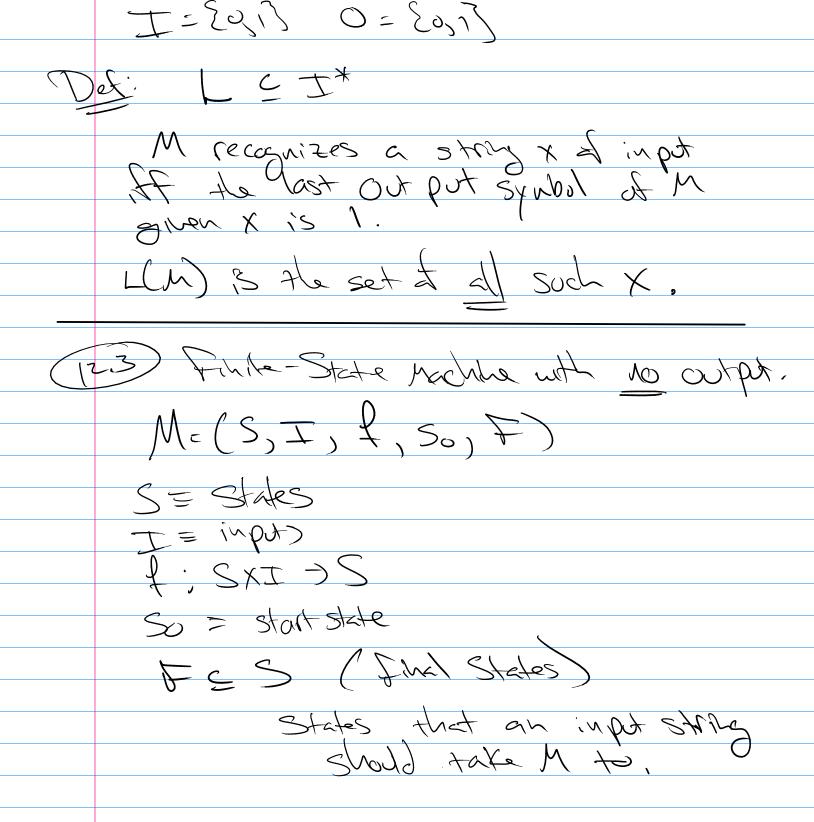
(2) f (3) (50, 1, 51) & f

(50, 1, 0) & g

(50) / (451)

April 20 ppt





Buclize ans of edge lobels on in pits firel State So SI Sõ 53 53 52 53 3 S3

