Grammes: Detes 1-05 = Grommot in alteady MIS-DLER 2nd:5-1 R Trd-L-DAR 4th: L -o id hew start symbol 5th, R - O L is hi # compute "c" firsts-· let C= { Ip, I, I2 ... In 3 whele Ii = set of LR(0) item.

IO = clotute (51-0.5)

= {s'+0.5, s-0.L=R

S-O.R SE ELED JE TOTAL

L-+. *R

L-0.id = 14 = 1000

R-6.63

I1 = goto (I0,5) = closeite (21-05.) warmannelly

= {51-05.3

I2 = goto (Fo, L) = clofute (S-DL. = R) U c(Dfute (R-DL.)

= {s-01.=R,

R-01.3

I3 = goto (IO, R) = c(040H(5-AR.) = {5-AR.}

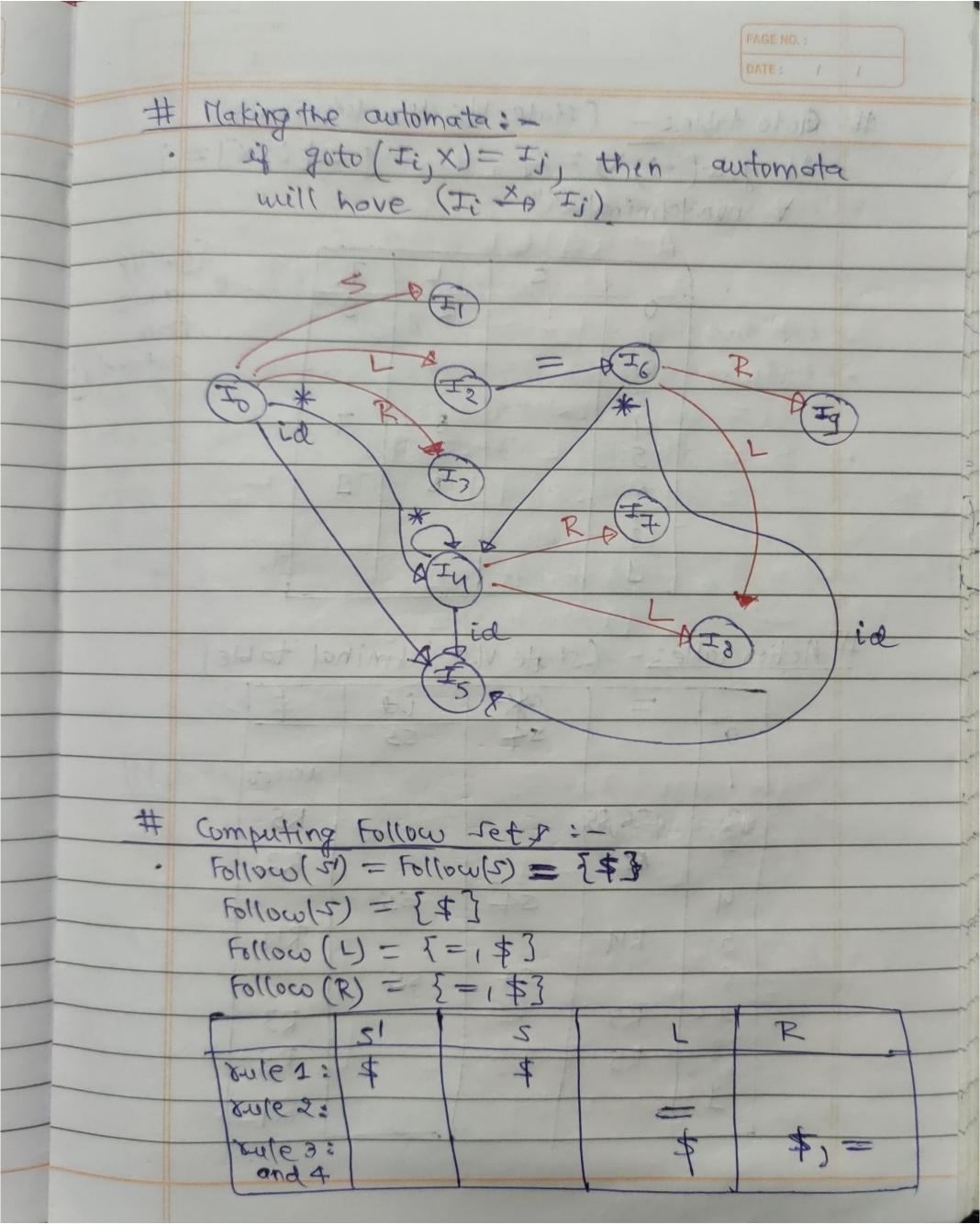
In = goto (Io, *) = closuse (L-0 * R) = [L-0 * R, L-0. id R-0. L, L-0. * R]

$$T_{C} = goto(T_{2}, =)$$

$$= closure(S-pL=-R)$$

$$= f_{S-pL}=-R$$

Hence there will be total 10 states in 1011,2000.9



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# A10	to table: - (state V/s Mon-terminal).
. 9f	goto[Fi,X]=Ii, then goto[i,X]=j
\	goto $(Ti, X) = Ti$, then goto $[i, X] = i$ non-ferminal 'X".

	[a-cil									
		S	L	R	0	rasula	+			
	0		12	3		trom automata	+			
4	2,		-	3		automata	17			
T 1 - 1	3			-	(2)		13			
24	5	1	-	f 3	12/		T			
1=3	6		8	9	124		T			
	8	9-1	5	1			T			
1	3	1	(1=3/	1/		1	1			
	1	-		1	-		1			

Action table: - (state V/s terminal table)

	=	*	id	\$		
0		34	55		-	1
		779		acrept		1
2	56,85	: 8492	rive Ma3	acrept R5	100) #	+
3	M	= (1)	rollet = (R2	7	+
9		54	55	1-1-1-1	01	+
5	RU	64.	=7=1	RU		+
6	0.5	59	55	Goodle		+
7	R3	1	1 12	R3		+
	R5		1	25	1	+
-				RI		+
= 1/4-	1			111).	1

Fot making action table, (i) consider all teaminal rampol transition in the automata to white "shift operations" in the table. I AD (1) For reduce operationes: (i) Go to each It and look for a production of the form A-o x. Note that (" at last) 192 [545] (ii) look for follow (A) (iii) action [i] follow(A)] = seduce lieg
[A-0 x] encounteding \$, will be accept. } Example: - In I2, [R-OL] = follow (R) = {= 1\$) hence, action 2, = 7 = R5 action [2, \$] = R5.

Mote: - And the table have multiple onthier,
the grammet is not SLR(0) grammar.