Date:



Q.3 LALR(1) S> Aa/aAc/Bc/bBa A>d

Step I: Argumented Grammar Grammar

51 > 5

S -> AglaAc BelbBa

Step 2: Closure (SI >> -5)

S >obBa, \$

A tod, ac

goto (Io, S) -> { SI -> S., \$} II

goto (20,A) → {S → A·a,\$}-I2

goto(Io,B) > \ (S -> B - c , \$ }- I3

goto (Io, a) \rightarrow {S \rightarrow d. AC, \$}-I+

goto (Iqb) \rightarrow {S \rightarrow b. Ba, \$}-Is

B \rightarrow .d, c/a goto (50,d) > {A -> d. , a/c} - 16

B -> d. , e/a } goto (I2, a) -> {S -> Aa - , \$3-I7 goto (I3/c) > {S > Bc., \$}-I8 goto (I4, A) -> { S -> a A - C , \$ 3- I1 goto (I4,d) -> { A > d., a/c}- 10 In goto (Is, B) -> {S -> bB·a,\$} - In I 10 Ji goto (Is,d) > {B->d.,c/a} - IB I12 goto (I9, c) -> { S-> a Aco, \$}- IB II3 goto (I10, a) -> {S -> bBa., \$3-I14 I14

Date:



CI	a	b	-	d	\$	5	A	B	
State		Action	Table		10 1	Go	to	table	
Io	I4	IS		I6		A. I	12	3	
II			-	11	Accept	and the second district of the second distric		d and	
J2	57								
I3			58	10			nina managaman da m	Pros S	
I4				510	-	1- 3		9	
State Io I1 I2 I3 I4 I5				512					
I6	Ros	+ -	R05					DO CTO	-
I 7					RI				
I8			anne constitue de la constitue	*************************	R3			EIN	
I9	513	,	garanci esti insuani con il interesso di interesso di interesso di interesso di interesso di interesso di inte						1
J10	R5		NAMES OF THE OWNER OWNER OWNER OF THE OWNER OWN		A				10
II			54						1
I12	A	6	R6	101	. 6	- All		42 7	100
I13					RM				1
T14	14				Ry		1 6	N D	
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