Cononical LR(1). CLR(1) Date-18/10/22 + In CLR(1), we find LR(1) items. LR(1) = LR(0) items + Lookahuad Construction of CLR(1) parsering table. Step-1 Write the Augmented Grammar. Step-9 find the LR(1) items.
means :collection of LR(1) items. Defining 2 function; 90to(NT)& Action(T). Create Parsing table Step-5 - check weather string (w) is accepted or not.

P4-P

Question (oustand +R(1) paring table of given grammar & AA/b And chook the streng (us) = aabb) is accepted by grammar or not. - production D

- production D

- production D

- production S SAA A-) aA A-> 6 Write Augmented Grammar. Step-1 5275 5-7AA AT aA AAB Step 2 Find (R(1) collection of items. LR(1) = LR(0) + Look ahead (1).

* For Look head we find first of grammar.

P9-2

アアイの A + aA 16 · aA, a/ · AA2 · b, a/b (a,b) Front A>6. 9/6 A -> - QA, \$ A - 0A, 9/6 A > . 6 , a/6 1-1a.A, 0/6 (A) : 04/ \$ A-7a.A, \$1 5-1 AA., \$ A+04.09/6 ないる。ま 9 4

1 Parsing TableCLR(1) A-7 a4 0 A > 6 -(3) State Action goto A 54 montas. 9 Accepted 57. Sy R3 R3 RI R3 R2 R2 R2

Step-5 check weather string (w=aabb) is accepted by gramman as not.

Append & into stemp w = aabb

(P9-9)

Two Conflict

SR

SIR

RIR

R2/R3

(P5-5)