TOC-CO2 2273200300SZ D Find the left most derivation and Right most derivation for the given grammes. STOBIYA A -7 0 los LIAA B71/15/0BD W: 00110101, Solt wines STOBIAA A 7 0 0 05 12 AA BASITSIORS W: 00110101 Right most docivation left derivation SA 013 S7 013 + 00BB 700BB 7 00131 7 00151 -> 00 (SI -> 0011AB ->0011A1 -) 001101AB 7 0011051 7001101013 -) 00 11 01 A) 7 001101013 -) 00110101 2) Check wheather the following grammer is an liquous or not STOSB | MA'blash A-7 aAla B7B616. S-) asb laAb laBb. gol = eets take a string W= gabbb AJAA19 13 7 Bb/B.

Venter Kumas

Resident on 1: Sacs asb derivation.

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A hore are no move than

A here are no more than derivation for the string? The grammes a is not ambiguous

3) minimize the given CFG.

Rod: SARIOCE

ABIOILIO

CAEICO

When CFG S7A10C2 BA7B102140 C7E)CA

minimisation:

A7 B101/10-) Plinates A7B as it is a unit of production.

S7. D10C3 > replace of with its production.

C7 E1 CD elimate & production.

minised CFG:

5704/01010CX L7CD.