

P257.

Exercises for Section 4.6

Exercise 4.6.2: Construct the SLR sets of items for the (augmented) grammar of Exercise 4.2.1. Compute the GOTO function for these sets of items. Show the parsing table for this grammar. Is the grammar SLR?

Exercise 4.6.3: Show the actions of your parsing table from Exercise 4.6.2 on the input aa^*a^+ .

Exercise 4.6.4: For each of the (augmented) grammars of Exercise 4.2.2 (a), (c):

- a) Construct the SLR sets of items and their GOTO function.
- b) Indicate any action conflicts in your sets of items.
- c) Construct the SLR-parsing table, if one exists.