

CSE 322 Winter 2004

Assignment #5

Due: Friday, Feb 20, 2004

Reading assignment: Read section 2.1 and the alternate construction in the handout on Chomsky Normal Form.

Problems:

1. Sipser's text, page 121, Problem 2.15.
2. Sipser's text, page 120, Exercise 2.4 part (e).
3. Sipser's text, page 120, Exercise 2.6: For part (b) assume alphabet $\{a, b\}$.
4. Sipser's text, page 121, Exercise 2.8.
5. Sipser's text, page 121, Exercise 2.9.
6. Sipser's text, page 121, Exercise 2.14. You may use the procedure on the handout.
7. Sipser's text, page 121, Problem 2.19.