

## CSE 3321 - Problem Set 2

Due beginning of lecture on September 17th

Problem numbers are from the third edition of Sipser's book. If unsure about which problem to solve, ask. Collaboration is permitted; looking for solutions from external sources (books, the web, material from previous years, etc.) is prohibited.

1. 1.7 (b) (e)
2. 1.8 (a)
3. 1.9 (a)
4. 1.10 (a)
5. 1.16 (a) and (b)
6. Give regular expressions generating the languages in 1.6 (a) and 1.6 (b)
7. 1.19 (b) and (c)