Automata and Formal Languages

Homework Set 7 Dec. 17, 2003

http://staffweb.ncnu.edu.tw/shieng/course_fa03.htm

Problem 1 Do Exercises 3.1, 3.5, 3.7, and 3.8 (a).

Problem 2 Show that the collection of decidable languages is closed under the operations of

- 1. union.
- 2. concatenation.
- 3. star.
- 4. complement.