## 1. FSA to Regular Expression



- 2. Parenthesis Matching
- a. Each "(" is followed immediately by a ")"

  (1(1))\*

- c. depth ≤3
  (\((\(\(\(\(\))^\*\))^\*))\*
- 3. Challenge Problems
  - a. odd # of Is
  - b. even # of 0s DO 021 (.\* 0.\*0)\*
- d. odd# of 1s OR even# of Cs (.\* 1(,\*1.\*1)\*) U((.\*0.\*0)\*)

