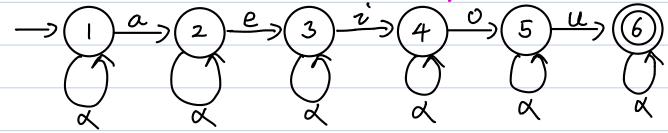
作业5

201748009922027

人解:为下面的语言设计一个DFA 或NFA.

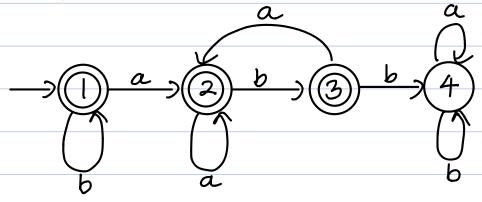
1)包含5个元音的所有小写字母书,这些书中的元音按顺 序断现、

DFA:其中人为任意小写字母串.



2)所有由a和b组成且不含于中abb的串

DFA:



2.扇孔用等法 3.22 核拟图 3-29中的NFA 在处理转入aabb 对有的过程。

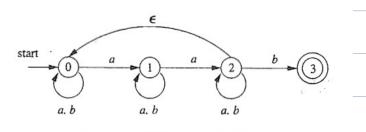


图 3-29 练习 3.6.3 的 NFA

- $S = \epsilon closure(s_0)$ ;
- c = nextChar();
- while (c != eof) {
- $S = \epsilon closure(move(S, c));$
- 5) c = nextChar();
- if  $(S \cap F != \emptyset)$  return "yes";
- else return "no";

- $0 = \varepsilon closure(\{0\}) = \{0\};$
- (3) 5= 2-clubure (move (5,c)) = {0,1};
- (9) c=a;
- (5) 6 = (-chsure(mve(5,c)) = (0,1,2);
- 6 c=b;
- (7)  $6 = \xi chosnre(mve(5,c)) = \{0,1,2,3\};$
- (d = )
- 9  $6 = \xi \text{chosnre}(\text{move}(5,c)) = \{0,1,2,3\};$
- ( C = EUF;
- (1) {3} ∈ 6, return "yes";
- 3.解:被刑等线3.23和3.20将下逃正则表达为转换为OFA,并 尝试的简该DFA。
  - 1) ((Ela)b")"

NFA:

