

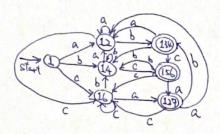
数学作业纸

班级: 计01 姓名: 答选例 编号: 2020010&9 科目: 自动机 第 1 页

4.4.2 (a)

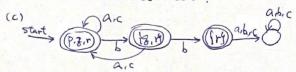


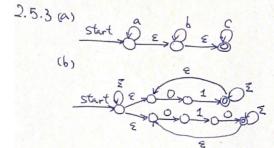
再构进 DFA:

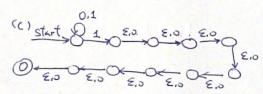


252 (a) ENCLOSE (p) = { p.q.r. y ENCLOSE (g) = { gy ENCLOSE (r) = { ry

(b) E. a.b.c. aa, ab. ac. ba, bb, bc
ca. cb, cc, caa, aab, aac, aba, abb,
abc, aca, acb, acc, baa, bab, bac,
bca, bcb, bcc, caa, cab, cac, cba,
cbb, cbc, cca, ccb, ccc.

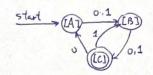






| B. | ٨ | - | | | | | | |
|-----|----|---|---|---|---|---|---|--|
| CD. | X | X | 3 | | | | | |
| | 14 | X | X | 1 | | | | |
| E | X | | X | X | | | | |
| F | X | X | - | × | X | | | |
| G | 0 | X | × | 1 | X | X | | |
| H | X | | X | X | - | X | X | |
| I | V | X | | K | v | | | |

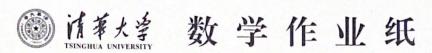
(b) 写作类: [A]={A,D,G} [B]={B,E,H} [C]={C,F,1} ·有:



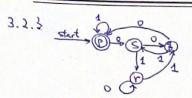
3.2.1(c) 松竹集 Rij , Rij

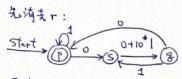
| Rij Rij | Rij | Rij |
|-----------------|-----|----------------------------|
| R ₁₁ | E+1 | (2+1)+(2+1)·(2+1)*(E+1)=1* |
| Ra | 0 | 0+(5+1)(5+1)0=1*0 |
| Ris | φ | \$ + (E41) (E41) \$ = \$ |
| R21 | 1 | 1+ 1(8+1)*(8+1) = 11* |
| Rz | 3 | 2+ 1(E+1)" 0 = E+11"0 |
| R23 | 0 | 0+ 1(E+1) \$ \$ = 0 |
| R31 | \$ | \$ + \$ (ETI) (ETI) = \$ |
| R32 | - 1 | 1 + \$ (8+1) 4 0 = 1 |
| R ₃₃ | 2+0 | ξ+0+ φ (ε+1)* φ = ε+0 |
| | | |

 $R_{13}^{(3)} = |{}^{3}O(|{}^{1}O|^{4}O + |{}^{4}O(|{}^{4}O|^{7}O(\Xi_{40+1}(|{}^{4}O|^{4}O)^{4})^{7}.$ $(\Xi_{40+1}(|{}^{4}O|^{4}O)^{4}O)$ $= |{}^{3}O(|{}^{4}O|^{7}O(|{}^{4}O|^{7}O)^{7})^{7}$



班级: 计이 姓名: 冬逸剧 编号: 2000010部 科目: 自动机 第 2 页





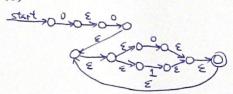
再消去 8:1 Start 000+10*10

Start () 1+ 0 (01+10*11) *(00+10*10)

故所求迎恨还式为(1+0(01+10*11)*(00+10*10))*

3.24 (6)

3.2.4 (0)



3.2.6 Gar. L.L*

(b) L(A)中价有字符本后缀组成确集合 (c) L(A)中价有字符本面缀组成的集合 (d) L(A)中价有字符本的子本组成的集合。