Date.

1.设计一个图表机可以接受 L={aibick|i,j,k>1,i=j+k}

M=(Q, {a,b,c}, {a,b,c,X,Y,Z}, 8,90,B,F)
读取 a, 替换为 X, 右移 查到遇到 b
读取 b, 替换为 Y, 左移 直到遇到 X

匹配 a,b, 直到所有 b 都被 y 替换并遇到 C

读取 c 并将其替换为 Z, 左移 直到遇见 X

凡匹否 B a, C, 直到所有 a 都替换为 X

如果所有 c 都替换为 Z, 则接受

程证 anabce

qoaabcc + Xq,aabcc + Xaq,abcc - Xaq,bcc - Xaq,aYcc + Xq,aaYcc + Xq,aaYcc + XXq,aYcc + XXq,aYcc + XXq,aYcc - XXq,aYcc - XXq,aYcc - XXaq,Ycc - XXaq,Ycc - XXaq,Ycc - XXaq,Ycc - XXaq,Ycc - XXxq,aYzc - XXxq,aYzc - XXxq,aYzc - XXxq,aYzc - XXXXq,aYzz - XXXXq,aXz - XXXXZq,aZz - XXXXZq,aZz - XXXXZq,aZz - XXXXZq,aZz - XXXXZq,aZz - XXXXZZq,azz - XXXXZq,azz - XXXXXq,azz - XXXXq,azz - XXXXq,azz - XXXXXq,azz - XXXXq,azz -

2.设irln.表机求两个整数的最大公约数

 $M = (Q, \{0\}, \Gamma_1, \Gamma_2, \delta, q_0, B, F), Q = \{q_0, q_1, q_2, q_3, p\}$   $\delta(q_0, 0, 0) = (q_0, 0, 0, R, R)$   $\delta(q_0, B, 0) = (q_1, B, 0, L, L)$   $\delta(q_0, 0, B) = (q_2, 0, B, L, L)$   $\delta(q_0, B, B) = (p_1, B, B, S, S)$ 

 $\delta(q_1,0,0) = (q_1,0,B,L,L)$  $\delta(q_1,B,B) = (q_3,B,B,R,R)$  13177

Date.

S(92, B, B) = (93, B, B, R, R)

/

 $\delta(q_3,0,B) = (q_3,0,B,S,R)$ 

 $S(q_3,B,0) = (q_3,B,0,R,5)$ 

 $\delta(q_3,0,0)=(q_0,0,0,5,5)$ 

Konnohn Hollagiber H. Kantillac V. Karea You

DE TRANSPORTED TO NORTH OF THE PROPERTY OF THE

I I I SOUTH AND THE PARTY OF A KING SECTION OF THE

Maria de la companya della companya della companya della companya de la companya della companya

MARKATER PARTY TO STORY

MARGINE TO MAKE TO AND THE BEST OF AND INC.