

(3)	
(a) 01000	(c) 01100
S=X2	5 字型.
⇒0XIZ	=>027
=> 0212	=>099
→ 01 <u>Z</u>	709
=> 0102	=70190
=> 01002	=>011700
=)01000 Z	7011200 701100 (Yes)
=>010004	701100 Cres)
=> 01000 (Yes)	
	(d) E
(b) 1 CHO)	S=>XZ
	=> £ Z
	=> 22
	=> & CYes)

American .

(4)  $L(G_1) = \{ L0^{\alpha_1 b} 0^{c} \} | (a_1 b_1 c_1 c_2 c_1) \}$   $Z_{X2}:$   $\sum = (0,1)$ 

 $\sum = (0,1)$   $\xi = \{0^{\alpha_1} b o^{\alpha} \mid a+b=c \text{ (where } a,b,c+2 \text{ (N)}\}$ Design  $\xi \neq \xi = \{0^{\alpha_1} b o^{\alpha} \mid a+b=c \text{ (where } a,b,c+2 \text{ (N)}\}$ 

=> S ::= DSO | X X :: = 1 x 0 | E

Start: S