1. し(の)=「0,1,2,3,4,5,6,7,8,95*
対于句子000,最左推手:

N⇒ND⇒NDD⇒ODD⇒OOD⇒OOO 最右推导:

G2: $2 \frac{1}{2}$. $L(G_2) = \{a^n c b^n | n > 0\}$ G3: $3 \frac{1}{2}$. $L(G_3) = \{a^{2n+1} | n > 0\}$ 3. 11 (10/01)+

4. 4, \$1

5. 川 对于G(N)有: N⇒E⇒o N⇒D⇒o

対于G(5)有: S⇒S(5)S⇒S(5)S(5)S⇒()() S⇒S(5)S⇒S(5)S⇒()()

(2) $G(N): N \to ND | D$ $D \to 0|1|2|...19$

 $G(S): S \rightarrow S(S) \mid \varepsilon$

6.11)
$$S \rightarrow aBa$$

 $B \rightarrow bB \mid \epsilon$

(2,
$$S \rightarrow Sc \mid D$$

 $D \rightarrow aDb \mid ab$

$$\begin{array}{ccc} (3) & S \rightarrow Sb \mid D \\ D \rightarrow ab \mid aDb \end{array}$$

(5)
$$S \rightarrow aSb|A$$

 $A \rightarrow bAa|E$
(6)
 $S \rightarrow a|b|c|aSa|bSa|cSc|E$