

权尚浩然 编译第五周周一作业  
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1. 翻译文法: ①  $E \rightarrow @ + E + T$  ⑤  $F \rightarrow (E)$

②  $E \rightarrow T$

⑥  $F \rightarrow @ a a$

③  $T \rightarrow @ * T * F$

⑦  $F \rightarrow @ b b$

④  $T \rightarrow F$

⑧  $F \rightarrow @ c c$

2. (1)  $E \rightarrow 0 E @ 0 \mid 1 E @ 1 \mid 0 @ 0 \mid 1 @ 1$

(2)  $E \rightarrow 0 @ E \mid 1 @ 1 E \mid 0 @ 0 \mid 1 @ 1$

3. 接受符号串 ENGLISH, 输出符号串 CHINESE

4. 翻译文法:

$\langle s \rangle @ q \quad a \langle s \rangle @ x \langle s \rangle @ y$

$\langle s \rangle \rightarrow @ x @ y \quad b @ z$

