

2AIDAN/E 4

$$S \rightarrow \neg S \mid (S \Rightarrow S) \mid p \mid q$$

$$\checkmark S \rightarrow p \mid q$$

$$\times S \rightarrow \neg S : X_7 \rightarrow \neg$$

$$\checkmark S \rightarrow X_7 S$$

$$S \rightarrow X_c S X_{\Rightarrow}, S X_1$$

$$\checkmark S \rightarrow X_c X_1$$

$$X_7 \rightarrow S X_2$$

$$\sim X_2 \rightarrow X_{\Rightarrow} X_3$$

$$\checkmark X_3 \rightarrow S X_1$$

$$\begin{array}{|l} \text{Chomsky} \\ A \rightarrow \alpha \\ A \rightarrow BC \end{array}$$

$$G' = (\{S, X_c, X_{\Rightarrow}, X_7, X_1, X_2, X_3\}, \{p, q, (,), \neg, \Rightarrow\}, P', S)$$

$$\begin{array}{c|c|c|c|c|c|c|c}
 1^0 & X_7 & X_2 & X_3 & S & X_1 & X_c & X_{\Rightarrow} & X_1 \\
 \hline
 & A_1 & A_2 & A_3 & A_4 & A_5 & A_6 & A_7 & A_8
 \end{array}$$

$$2^0 \checkmark A_4 \rightarrow A_5 A_4$$

$$\checkmark A_4 \rightarrow A_6 A_1$$

$$\times A_1 \rightarrow A_4 A_2$$

$$\checkmark A_2 \rightarrow A_7 A_3$$

$$\times A_3 \rightarrow A_4 A_7$$

$$A_7 \rightarrow p$$

$$A_4 \rightarrow q$$

$$\begin{array}{|l} \text{Greibach} \\ A \rightarrow \alpha \beta \\ | A \in N, \alpha \in T \\ | \alpha \in N^* \end{array}$$

$$\geq 1 \text{ e } \dots \rightarrow A_1 - A_{k_1} \dots$$

$$A_4 \rightarrow p \mid q \mid \neg A_4 \mid (A_1$$

$$A_7 \rightarrow p A_2 \mid q A_2 \mid \neg A_4 A_2 \mid (A_1 A_2$$

$$A_3 \rightarrow p A_8 \mid q A_8 \mid \neg A_1 A_8 \mid (A_7 A_8$$