

Bài tập tổng hợp.

⊗ B₁ :

$$\text{Extended key} = \text{Data} + \text{key}$$

$$\begin{array}{r} 11010010 \\ + 01011011 \\ \hline 10101101 \end{array}$$

⊗ B₂: Encrypted-data = Data XOR Extended key

$$\begin{array}{r} 10101101 \\ \text{XOR } 11010010 \\ \hline 11111111 \end{array}$$

⊗ B₃: NV₁: Inverted = Not (key)

$$NV_2: \text{Mask} = \begin{array}{l} 10100100 \\ \text{Template AND Inverted key} \end{array}$$

$$\begin{array}{r} \text{AND } 11110000 \\ 10100100 \\ \hline 10100000 \end{array}$$

⊗ B₄: Mask OR Encrypted-data = Final-data

$$\begin{array}{r} 10100000 \\ \text{OR } 11111111 \\ \hline 11111111 \end{array}$$

$$\longrightarrow \text{Final-data} = 11111111$$