

Data word:  $D(x)$  1001 0010 0001

10010921 4/7/77 10000000

$$G(x) : x^4 + x^3 + 1 \rightarrow 11001$$

$$\frac{x^9 D(x)}{G(x)} = \frac{1001\ 0010\ 0001\ 0000}{11001}$$

$$\begin{array}{r}
 11001 \overline{) 0000\ 1110\ 1000\ 1110} \\
 \underline{11001} \phantom{0000} \\
 10110 \phantom{0000} \\
 \underline{11001} \phantom{0000} \\
 11111 \phantom{0000} \\
 \underline{11001} \phantom{0000} \\
 001100 \phantom{0000} \\
 \underline{0000} \phantom{0000} \\
 11000 \phantom{0000} \\
 \underline{11001} \phantom{0000} \\
 000010010 \phantom{0000} \\
 \underline{11001} \phantom{0000} \\
 10110 \phantom{0000} \\
 \underline{11001} \phantom{0000} \\
 11110 \phantom{0000} \\
 \underline{11001} \phantom{0000} \\
 1110
 \end{array}$$

$$R(x) = 1110$$

$$C(x) = 1001\ 0010\ 0001\ 1110$$