

# CRC

Eksempel  $D = 101110$

$G = 1001$

Ger polynomiet  
Der datapakke

$D \cdot 2^r$  utføres først

$r$  er antall bit i CRC feltet.  $D \cdot 2^r$  vil si å flytte bitmønsteret i  $D$ ,  $r$  biter til venstre

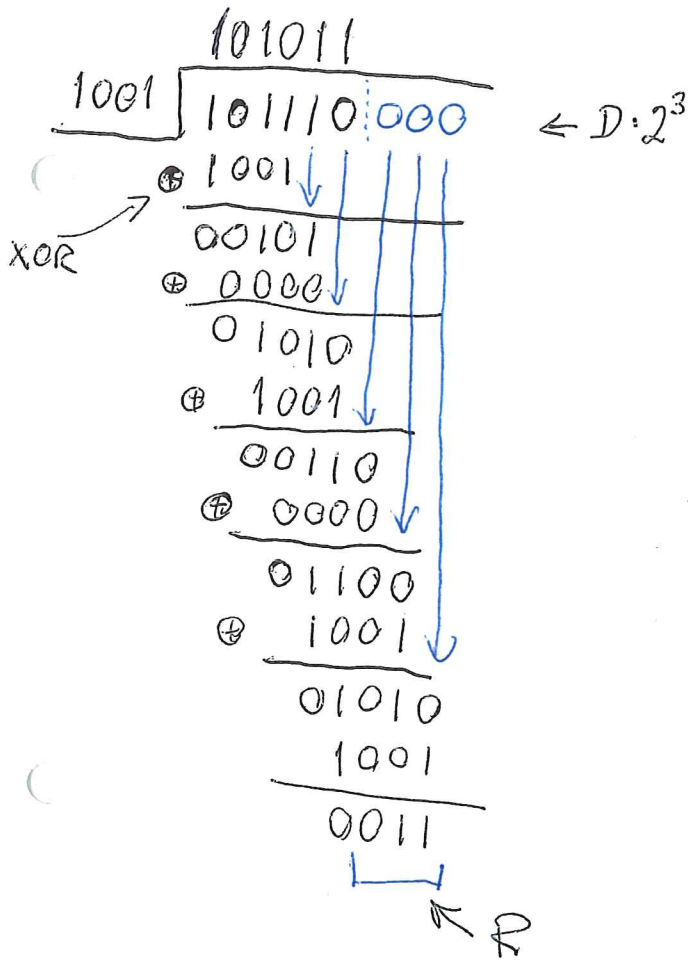
Eks:  $3 = 11$

$$3 \cdot 2 = 110 \leftarrow 6$$

$$3 \cdot 2 \cdot 2 = 1100 \leftarrow 12$$

$$3 \cdot 2 \cdot 2 \cdot 2 = 11000 \leftarrow 24$$

$\underbrace{\hspace{2cm}}_{2^3}$



$$\frac{9}{3} = 3$$

$$\begin{array}{r} 3 \\ 3 \overline{) 9} \\ \underline{9} \\ 0 \text{ rest} \end{array}$$

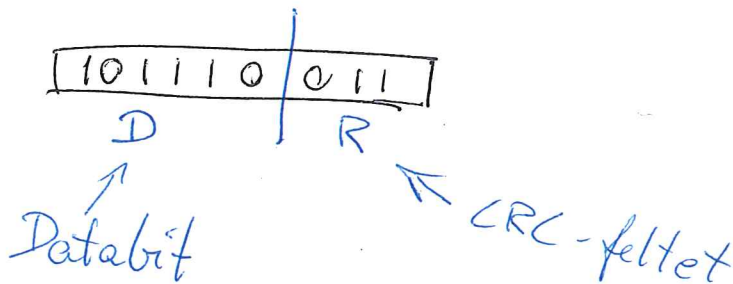
$$\frac{12}{3} = 4$$

$$\begin{array}{r} 4 \\ 3 \overline{) 12} \\ \underline{12} \\ 0 \text{ rest} \end{array}$$

$$\frac{13}{3} = 4 \text{ og } 1 \text{ til rest}$$

$$\begin{array}{r} 4 \\ 3 \overline{) 13} \\ \underline{12} \\ 1 \text{ rest} \end{array}$$

Utøst pakke



$$\frac{700}{6}$$

$$\begin{array}{r} 116 \\ 6 \overline{) 700} \\ \underline{6} \phantom{0} \\ 10 \phantom{0} \\ \underline{6} \phantom{0} \\ 40 \\ \underline{36} \\ 4 \text{ rest} \end{array}$$