

Complemento a 1

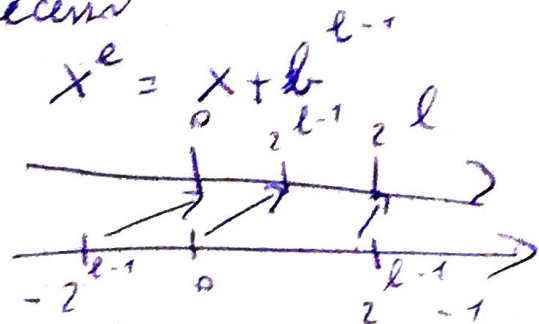
Complemento a base diminuita

$$x' = x'' - 1$$

x' Complemento a base
 x'' Complemento a base

$$\begin{array}{ccc} 00 & 00 & \\ 1111 & & 0 \end{array}$$

Esempio



1+

0-

$$K = 2^{l-1}$$

$$\begin{array}{l} 0000 \rightarrow -K \\ K \rightarrow 0 \end{array}$$

Esempio K

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

$$\{K \leq 2^m\}$$

$$[-K; 2^m - K - 1]$$

BASE DIMINUITA 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ECC 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

SEGNO E MODULO 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

$$\begin{array}{r} 13 \\ 1101 \quad 1010 \\ \quad \quad 1010 \\ 11110110 \end{array}$$

$$\begin{array}{r} 00001101 + \\ 11110110 \\ \hline 10000001 \\ 3 \end{array}$$

$$\begin{array}{r} 001101 \\ -0011 \\ \hline 1001 \\ 11 \\ 7 \end{array}$$