

sistema	signo	codificación	rango	valor
binario puro	—	$BIN(V, n)$	$[0, 2^n - 1]$	$\sum_{i=0}^{n-1} d_i \cdot 2^i$
signo-magnitud	$Z \geq 0$ $Z < 0$	$s = '0'$ $BIN(Z , n-1)$ $s = '1'$	$[-(2^{n-1} - 1),$ $2^{n-1} - 1]$	$(-1)^s \sum_{i=0}^{n-2} d_i \cdot 2^i$
complemento a 2	$Z \geq 0$ $Z < 0$	$BIN(Z, n)$ $BIN(2^n - Z , n)$	$[-2^{n-1},$ $2^{n-1} - 1]$	$\sum_{i=0}^{n-2} d_i \cdot 2^i - d_{n-1} \cdot 2^{n-1}$
complemento a 1	$Z \geq 0$ $Z < 0$	$BIN(Z, n)$ $BIN(2^n - 1 - Z , n)$	$[-(2^{n-1} - 1),$ $2^{n-1} - 1]$	$\sum_{i=0}^{n-2} d_i \cdot 2^i - d_{n-1} \cdot 2^{n-1} + d_{n-1}$
exceso a 2^{n-1}	$Z \geq 0$	$BIN(2^{n-1} + Z, n)$	$[-2^{n-1},$ $2^{n-1} - 1]$	$\sum_{i=0}^{n-2} d_i \cdot 2^i - \bar{d}_{n-1} \cdot 2^{n-1}$



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