

Table 1.1 *Binary representation of quantized levels*

Index of quantization level	Binary representation	Index expressed as sum of powers of 2
0	000	
1	001	2^0
2	010	2^1
3	011	$2^1 + 2^0$
4	100	2^2
5	101	$2^2 + 2^0$
6	110	$2^2 + 2^1$
7	111	$2^2 + 2^1 + 2^0$