

Ambient Intelligence

Barcodes EAN13 Example

Prof. Renato Nunes

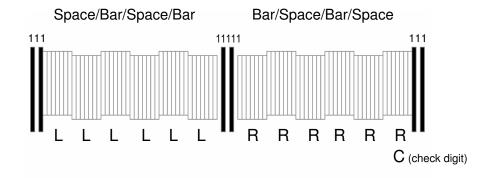
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Barcode Template EAN13

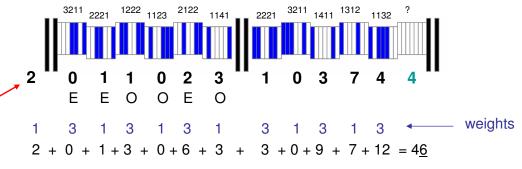




EAN13 encoding example

Digit	Even	O dd
	(normal)	(inverted)
0	3211	1123
1	2221	1222
2	2122	2212
3	1411	1141
4	1132	2311
5	1231	1321
6	1114	4111
7	1312	2131
8	1213	3121
9	3112	2113

First Digit	Coding pattern
0	EEEEEE
1	EEOEOO
2	EEOOEO
3	EEOOOE
4	EOEEOO
5	EOOEEO
6	EOOOEE
7	EOEOEO
8	EOEOOE
9	EOOEOE



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10 - 6 = 4

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Questions?