

(Lecture 4) Generating code using different systems:

System 1:

84 - 2 - 1

0000	0
0111	1
0110	2
0101	3
0100	4
1011	5
1010	6
1001	7
1000	8

System 2:-

2 4 2 1

0000	0
0001	1
0010	2
0011	3
0100	4
0101	5
0110	6
0111	7
1110	8

Bi-quinary System

Reflected Codes

5043210		0000	0
0100001	0	0001	1
0100010	1	0011	2
0100100	2	0010	3
0101000	3	0110	4
0110000	4	0100	5
1000001	5	0101	6
1000010	6	0111	7
1000100	7	1100	8
1001000	8	1101	9
1010000	9	1111	10
		1110	11
		1010	12

How to add parity in number:-

	Even parity	Odd parity
0000	0	1
0001	1	0
0010	0	1
0100	1	0
0101	0	0