Figure - 1

Figure – 2

Figure – 3(JPEG_naive.mlx)

Figure – 4 (JPEG_naive.mlx)

Figure -5 (JPEG_naive.mlx)

Figure – 6 (JPEG_naive.mlx)

$$Q = \begin{bmatrix} 16 & 11 & 10 & 16 & 24 & 40 & 51 & 61 \\ 12 & 12 & 14 & 19 & 26 & 58 & 60 & 55 \\ 14 & 13 & 16 & 24 & 40 & 57 & 69 & 56 \\ 14 & 17 & 22 & 29 & 51 & 87 & 80 & 62 \\ 18 & 22 & 37 & 56 & 68 & 109 & 103 & 77 \\ 24 & 35 & 55 & 64 & 81 & 104 & 113 & 92 \\ 49 & 64 & 78 & 87 & 103 & 121 & 120 & 101 \\ 72 & 92 & 95 & 98 & 112 & 100 & 103 & 99 \end{bmatrix}.$$
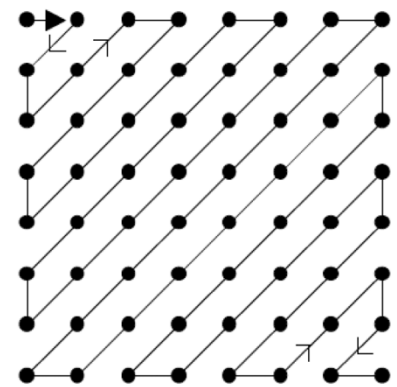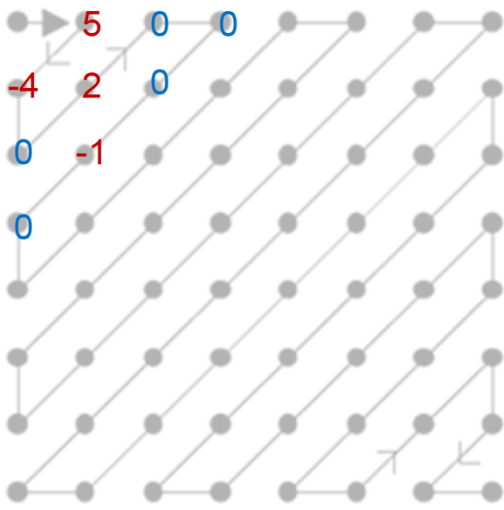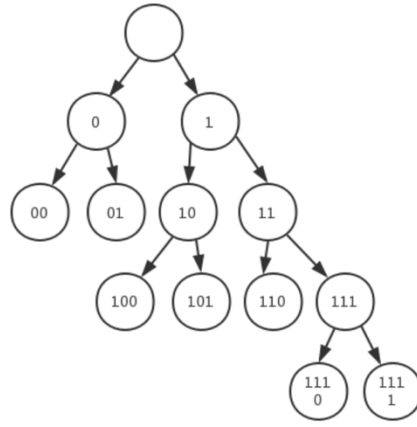
Figure – 7

Figure – 8

Figure – 9

Figure – 10

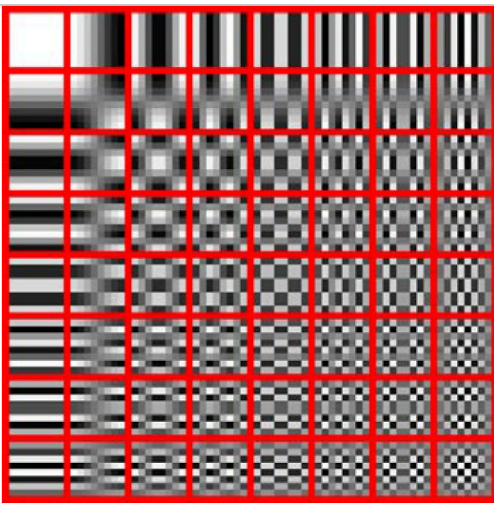| 葉子節點序號	碼字長度	碼字	信源編碼
1	2	00	0x00
2	2	01	0x01
3	3	100	0x11
4	3	101	0x02
5	5	11000	0x21
6	5	11001	0x03
7	5	11010	0x31
8	5	11011	0x41
9	5	11100	0x12
10	6	111010	0x51
11	7	1110110	0x61
12	7	1110111	0x71

Figure – 11

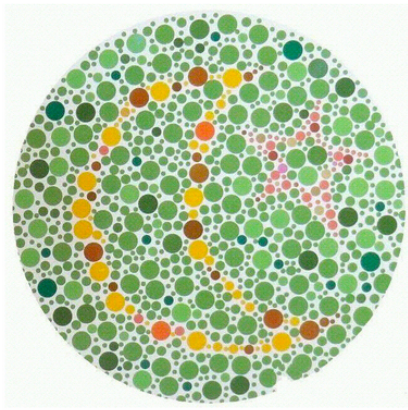

Figure – 12

Figure – 13

Figure – 14
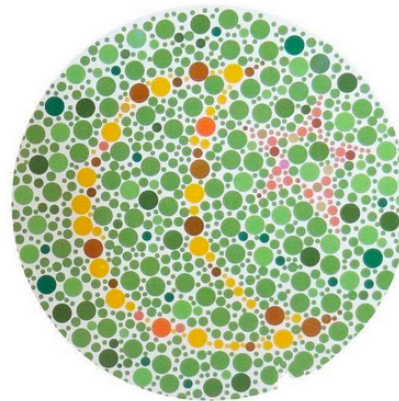
Figure -15
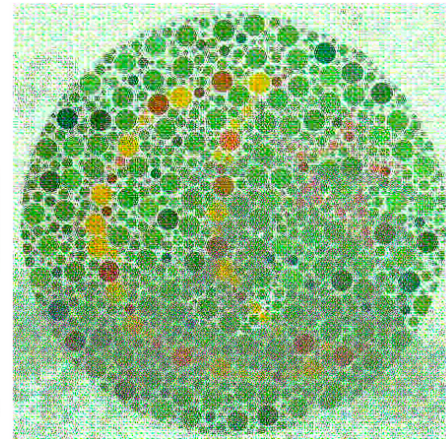
Figure– 16

Figure – 17

Figure -18

Figure – 19

Figure - 20