

```
<< code2411.dat
```

This is a binary code with 24 words of length 11

```
TableForm[code3]
```

0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	1	1	0	1	1	1
0	0	0	1	1	1	0	1	0	0	1
0	0	1	0	0	0	1	1	1	0	1
0	0	1	0	1	1	0	1	1	1	0
0	0	1	1	1	0	1	0	0	1	0
0	1	0	0	0	1	1	1	0	1	0
0	1	0	0	1	0	0	0	1	1	1
0	1	0	1	1	0	1	1	1	0	0
0	1	1	0	1	1	1	0	0	0	1
0	1	1	1	0	0	0	1	0	1	1
0	1	1	1	0	1	0	0	1	0	0
1	0	0	0	1	0	1	1	0	1	1
1	0	0	0	1	1	1	0	1	0	0
1	0	0	1	0	0	0	1	1	1	0
1	0	1	0	0	1	0	0	0	1	1
1	0	1	1	0	1	1	1	0	0	0
1	0	1	1	1	0	0	0	1	0	1
1	1	0	0	0	1	0	1	1	0	1
1	1	0	1	0	0	1	0	0	0	1
1	1	0	1	1	1	0	0	0	1	0
1	1	1	0	0	0	1	0	1	1	0
1	1	1	0	1	0	0	1	0	0	0
1	1	1	1	1	1	1	1	1	1	1

```
dist[v_, w_] := Plus @@ Mod[v - w, 2]
```

```
v = code3[[20]]
```

```
{1, 1, 0, 1, 0, 0, 1, 0, 0, 0, 1}
```

```
w = {1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0}
```

```
{1, 1, 0, 1, 0, 1, 0, 1, 1, 1, 0}
```

```
dist[v, w]
```

```
For [i = 1, i <= 24, i++,  
  Print[{i, dist[code3[[i]], w]}];  
];
```

{1, 7}

{2, 5}

{3, 6}

{4, 8}

{5, 5}

{6, 8}

{7, 4}

{8, 6}

{9, 5}

{10, 9}

{11, 5}

{12, 4}

{13, 7}

{14, 6}

{15, 2}

{16, 6}

{17, 5}

{18, 7}

{19, 3}

{20, 6}

{21, 3}

{22, 5}

{23, 6}

{24, 4}