

Code Length = 2
Hadamard Matrix:
1 1
1-1
Code Words:
1 1
1 0
0 0
0 1
Minimal Distance = 1

Code Length = 4
Hadamard Matrix:
1 1 1 1
1-1 1-1
1 1-1-1
1-1-1 1
Code Words:
1 1 1 1
1 0 1 0
1 1 0 0
1 0 0 1
0 0 0 0
0 1 0 1
0 0 1 1
0 1 1 0
Minimal Distance = 2

Code Length = 8
Hadamard Matrix:
1 1 1 1 1 1 1 1
1-1 1-1 1-1 1-1
1 1-1-1 1 1-1-1
1-1-1 1 1-1-1 1
1 1 1 1-1-1-1-1
1-1 1-1-1 1-1 1
1 1-1-1-1-1 1 1
1-1-1 1-1 1 1-1
Code Words:
1 1 1 1 1 1 1 1
1 0 1 0 1 0 1 0
1 1 0 0 1 1 0 0
1 0 0 1 1 0 0 1
1 1 1 1 0 0 0 0
1 0 1 0 0 1 0 1
1 1 0 0 0 0 1 1
1 0 0 1 0 1 1 0
0 0 0 0 0 0 0 0
0 1 0 1 0 1 0 1
0 0 1 1 0 0 1 1
0 1 1 0 0 1 1 0
0 0 0 0 1 1 1 1
0 1 0 1 1 0 1 0
0 0 1 1 1 1 0 0
0 1 1 0 1 0 0 1
Minimal Distance = 4

Code Length = 16
Hadamard Matrix:
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1-1 1-1 1-1 1-1 1-1 1-1 1-1 1-1
1 1-1-1 1 1-1-1 1 1-1-1 1 1-1-1
1-1-1 1 1-1-1 1 1-1-1 1 1-1-1 1
1 1 1 1-1-1-1-1 1 1 1 1-1-1-1-1
1-1 1-1-1 1-1 1 1-1 1-1-1 1-1 1
1 1-1-1-1-1 1 1 1 1-1-1-1-1 1 1
1-1-1 1-1 1 1-1 1-1-1 1-1 1 1-1
1 1 1 1 1 1 1 1-1-1-1-1-1-1-1-1
1-1 1-1 1-1 1-1-1 1-1 1-1 1-1 1
1 1-1-1 1 1-1-1-1-1 1 1-1-1 1 1
1-1-1 1 1-1-1 1-1 1 1-1-1 1 1-1
1 1 1 1-1-1-1-1-1-1-1-1-1 1 1 1 1
1-1 1-1-1 1-1 1-1 1-1 1 1-1 1-1
1 1-1-1-1-1 1 1-1-1 1 1 1 1-1-1
1-1-1 1-1 1 1-1-1 1 1-1 1-1-1 1
Code Words:
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0
1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0
1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1
1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0
1 0 1 0 0 1 0 1 1 0 1 0 0 1 0 1
1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1
1 0 0 1 0 1 1 0 1 0 0 1 0 1 1 0
1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0
1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0
1 1 0 0 1 1 0 0 0 0 1 1 0 0 1 1
1 0 0 1 1 0 0 1 0 1 1 0 0 1 1 0
1 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1
1 0 1 0 1 0 1 0 1 1 0 1 0 1 0 1
0 0 1 1 0 0 1 1 1 1 0 0 1 1 0 0
0 1 1 0 0 1 1 0 1 0 0 1 1 0 0 1
0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1
0 1 0 1 0 1 0 1 1 0 1 0 1 0 1 0
0 0 1 1 0 0 1 1 1 1 0 0 1 1 0 0
0 1 1 0 0 1 1 0 1 0 0 1 1 0 0 1
0 0 0 0 1 1 1 1 1 1 1 1 1 0 0 0
0 1 0 1 1 0 1 0 1 0 1 0 0 1 0 1
0 0 1 1 1 1 0 0 1 1 0 0 0 0 1 1
0 1 1 0 1 0 0 1 1 0 0 1 0 1 1 0
Minimal Distance = 8