

Proof of Theorem 5.6 for n=4 (0's taking place of-1)

F	5 1s and 3 0s	F	5 1s and 3 0's
11100001	00011111	01001011	11001011
11010001	00101111	01001101	11001101
11001001	00110111	01001110	11001110
11000011	00111011	01010011	11010011
11000101	00111101	01010101	11010101
11000110	00111110	01010110	11010110
10110001	01001111	01011001	11011001
10101001	01010111	01011010	11011010
10100011	01011011	01011100	11011100
10100101	01011101	01100011	11100011
10100110	01011110	01100101	11100101
10000111	01100111	01100110	11100110
10001011	01101011	01101001	11101001
10001101	01101101	01101010	11101010
10001110	01101110	01101100	11101100
10010011	01110011	01110001	11110001
10010101	01110101	01110010	11110010
10010110	01110110	01110100	11110100
10011001	01111001	01111000	11111000
100110101	01111010		
10011100	01111100		
00001111	10001111		
00010111	10010111		
00011011	10011011		
00011101	10011101		
00011110	10011110		
00100111	10100111		
00101011	10101011		
00101101	10101101		
00101110	10101110		
00110011	10110011		
00110101	10110101		
00110110	10110110		
00111001	10111001		
00111010	10111010		
00111001	10111001		
01000111	11000111		