

Gray to binany サガナナ 0101 binany to

(5) (a) 10001

5 bit p check bits > 4 (1,2,4,8)

9 × × 6 5 × 3 × 1 1 1 0 0 0 1, 1 1 1

9 7 1001

3 7 0011

1010

: (110000110)2

9) (6)

11160111000

21 bit check bit 5 (1,2,4,8,16)

16 15 14 13 12 11 10 9 8 7 6 5

15 14 13 12 11 10 9 8 X 6 5 4 3 2 1 1 1 1 0 0 1 1 X 1 0 0 X 0 X X

7 15 7 1101 1001 1001 2 7 0111

1011

(111001111000011)2

· (111100 110 100 10 11)₂

10101000111 11 bit check bit 5 (1,2,4,8,16) 15 -> 1111 13 -> 1101 11-7 1011 6 -70110 5-70101 3 -> 0011

1001

1010100100101)

1123 87 12

$$\frac{0.1000001}{1}$$

$$0.1000001$$

$$\frac{1}{4}$$

$$\frac{2}{7}$$

$$\frac{2}{7}$$

$$\frac{4}{7}$$

$$\frac{2}{7}$$

$$\frac{4}{7}$$

$$\frac{4}{7}$$

$$\frac{6}{7}$$

$$\frac{6}{7}$$

$$\frac{7}{7}$$

Donne and and and and (3) (0) 0 1101101 2+2+2+2+2 64+32+8+4+1 109 1111111 6 2+2+2+2+2+2 7 64+32+8+16+4+2+1 127 10000000 7 128

$$\frac{-13}{-5} = \frac{00001000}{11110011}$$

$$\frac{1}{-1\times^{2}+1\times^{2}+1\times^{2}+1\times^{2}+1\times^{2}+1\times^{2}+1\times^{2}+1\times^{2}}{428+64+32+8+2+1+16}$$

$$\frac{1}{-128+123}=-5$$

2 3 2 5 3) 8

16) a 42.025 42 7 4212 7