Lec 11.

Br. 1.0

$$R = \frac{b}{n} = \frac{6}{6} = \frac{4}{3} = |\frac{1}{3} = 1.533$$

Ex. 1.6

tspace = 500 kHz, tmark = 700 kHz,

R = 10 kbps

BW= A+ 2. R = 200 kHz + 2.10 kbps = 220 kHz

Ex. Z.a What representation



Ex. 2.6

16 symbols in the representation

Ex 2.c

Ex 2.d bit rate?

Ex 3.a 4 Symbol

Ex 3.6





Ex 4.a

x3+x+1 CRC polynomium

number of bits are equal to degree of the polynomium. Therefore 3

00000

1011111011009

Ex 4.6

Step 1:

The message: 11011

Step 2: Append: 000

step 3:

011 00 x- evrov

Dico la Remainder

Ex 4.6 11011001 check