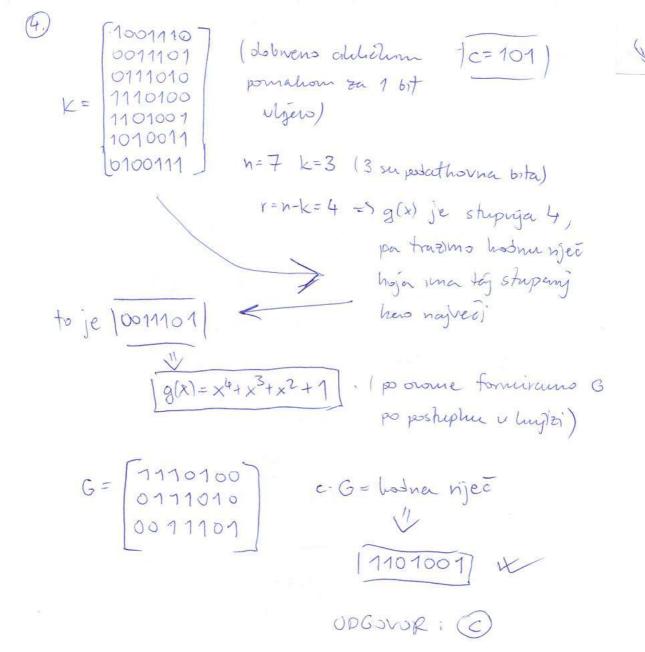


128 pondia, svalia s istom ger. hadirije se SF-om. Købne pombe su dalle raspon 000000 -1111111 (27=128) k=7 n=11 K=C71,7] (Manually)

madehader dolasi 11 bitora, dalle 11110110000

- Sad trazimo sondrom da vidimo da li je ponula dobra destretara

ODGOVOR: (D



(5)
$$Y=[6,3]$$
 [Hamming]

 $H=\begin{bmatrix} 107010\\ 01201 \end{bmatrix}$ $H^{T}=\begin{bmatrix} 100\\ 010\\ 110\\ 001 \end{bmatrix}$
 $C=101100$
 $S=CHT=[011]$ (greshana 6. bitu)

poslano je 101101 => poslo je G=[TIA]

prva 3 bita hadivane

poslanoj ponici = [101]

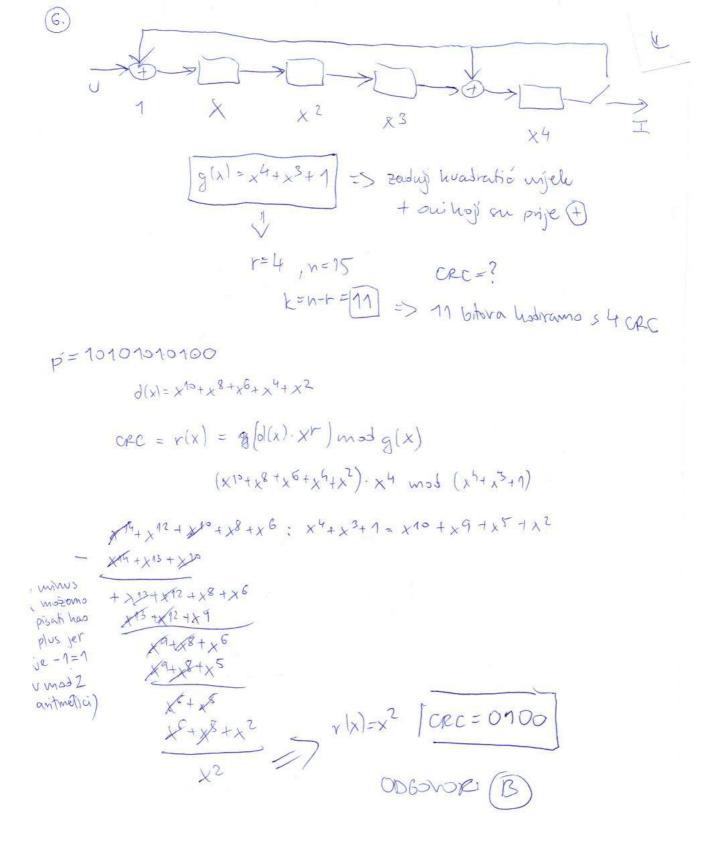
DOBRO = $\binom{6}{6}$ po $\binom{1-p_3}{6}$ + $\binom{6}{1}$ poslanoj ponici = [101]

greshana 0 gresha va $\binom{1-p_3}{6}$ [1-p_3] [1+5p_3]

to Hamming arpjesha

delistira

ODGOVOR: $\binom{C}{C}$



$$K (7,4) = \sum_{k=4}^{4} k=4$$
, hod eya je gen. mat. $H = \begin{bmatrix} 1101001 \\ 0001101 \\ 1011001 \\ 000011 \end{bmatrix}$ - je senje = samo pomno zimo pra 4 bta pombe s H
 $P = 1010 \quad C = P \cdot H = \begin{bmatrix} 0110000 \end{bmatrix}$

$$P = [5,4] \qquad p_e = m$$

$$P = [5,4] \qquad omser = ? \qquad feliod also nerma$$

$$P(Hammu) = \begin{pmatrix} 1 \\ 0 \end{pmatrix} m^2 (1-m)^2 + \begin{pmatrix} 1 \\ 1 \end{pmatrix} m^2 (1-m)^6$$

$$P(paritet) = \begin{pmatrix} 5 \\ 0 \end{pmatrix} m^2 (1-m)^5 = > sams move deliod,$$

$$also nerma greske$$

$$OMSER = \frac{(1-m)^2 + 7m(1-m)^6}{(1-m)^5} = \frac{(1-m)^2 (1-m+7m)}{(1-m+7m)}$$

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$$= \frac{(1-m)^2 (1+6m)}{(1-m)^5}$$

$$G = \begin{cases} 1000111 \\ 0100110 \\ 001011 \\ 0001011 \\ \end{cases}$$

$$G = \begin{bmatrix} 1000111 \\ 0100110 \\ 0010101 \end{bmatrix} \qquad G'' = \begin{bmatrix} 10001101 \\ 01001101 \\ 00010111 \end{bmatrix}$$

$$\mu^{*} = \begin{bmatrix} 11101000 \\ 11010100 \\ 10110010 \\ 01110001 \end{bmatrix}$$

$$H_{\tau}^{*} = \begin{bmatrix} 111010000 \\ 11010100 \\ 101110001 \end{bmatrix} \qquad H_{\tau}^{*} = \begin{bmatrix} 1110 \\ 1101 \\ 1011 \\ 0111 \\ 1000 \\ 0100 \\ 0001 \end{bmatrix}$$

c= 01111 001