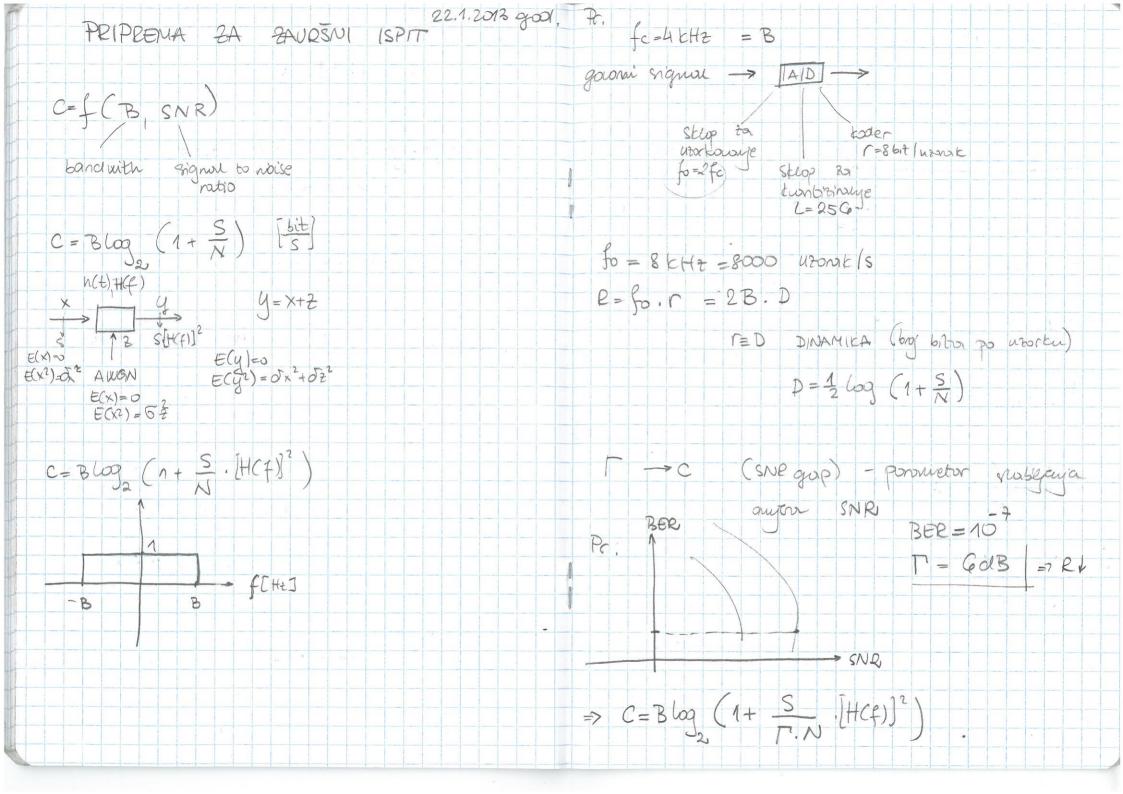


 $x(t) = \int_{-\infty}^{+\infty} x(t) \cdot e^{-j2\pi t} dt = \int_{-\infty}^{+\infty} x(t) \cdot e^{-j2\pi t} dt =$ $= AT enin (2\pi f \frac{\tau}{2}) \cdot e^{-j2\pi f t}$ $\frac{1}{4} \frac{1}{4} = 0.1 \text{ AT sin} \left(2\pi f_{\overline{2}}\right) = \frac{1}{4}$ (y(f))=10.1.AT sin(211f=)/1.1 =0.12 | Tenn (211 + 2 | 2 | d f E12L = 0,12. Eul = 0,12. 0,1. 10 = 1 m Ws



(storisticust pojasa orjenosa E = log 2 (1+ \$ [H(f)]^2) [bit(s/Hz)	2000 de 25 3 de 200 2 2 200 de 3 200 de 3 2 200 de 3 200 de 3 2 200 de 3 2 200 de 3 2 200 de 3
Fadatak 4 $(n,k) = [2-1,2-r-$ Hammingar tod $r=n-k$	numberge => $t_2 = 30 \text{ dB}$ $C = B \log_2 \left(1 + \frac{S}{N}\right) \qquad C = 1, C_2 + \frac{1}{N}$
E>0,904 N=r+c	$R = B \cdot \log_2 \left(1 + \frac{S}{\Gamma N} \right)$
$\mathcal{E} = \frac{k}{n} = \frac{k}{n} > 0,904$	Giognal (Un (t) = 0.8 Sin (217 400t + 4), EU)
K > 0,904	Obr. Codus sekuenca iz AD petromito se curonit
2-1-1 >0,904	Amplitude uzonata u internetu / nct/ < 0.8, [U]
2 ^r -r-1 > 0,904 2 ^r -1	i contitingu u curntitione su $L=8$ $L=2 +7 \Gamma=3$
2 (1-0,904)> (+1-0,904) 2 (0,099)> (+0,099) => (=abit	
2 (0,099) > r + 0,099 => r=abit	

