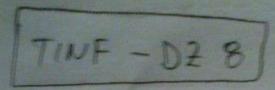
RENNTAG AND PROPERTY OF THE PR





40.)
$$Coo = \frac{1}{\ln 2} \cdot \frac{3}{n} \quad \text{Ilit/s} \quad \frac{m}{2} = S_n = \frac{N_0}{2} \Rightarrow N_0 = n$$
 $\lim_{s \to \infty} C = \lim_{s \to \infty} 3 \log_e \left(1 + \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(1 + \frac{S}{N_0 B}\right)^3 = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) = \lim_{s \to \infty} \log_2 \left(2 \cdot \frac{S}{N_0 B}\right) =$

1

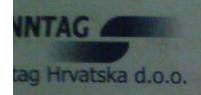
41.)
$$S_{1} = 8 \text{ W}$$
 $f_{1} = 3100 \text{ Hz}$
 $f_{2} = 1000 \text{ Hz}$
 $f_{2} = 10000 \text{ Hz}$
 $f_{2} = 1000 \text{ Hz}$
 $f_{2} = 1000 \text{ Hz}$
 $f_{2} = 1000 \text{ Hz$

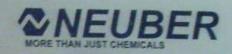
TOTALA

F VA

1 1 1 2 4

124 / 1





$$f_{0} = 82H_{2} -> B_{1} = 42H_{2}$$

$$f = 8$$

$$L = 256$$

$$20 = 10 \log_{2} \left(\frac{S}{N_{1}}\right) - \frac{S}{N_{2}} = 100 -> S = 100N_{4}$$

$$3JB = 10 \log_{2} N_{1} - 10 \log_{2} N_{2} = 10 \log_{2} \frac{N_{1}}{N_{2}} => \frac{N_{1}}{N_{2}} = 13353N_{4}$$

$$R = \int_{M_{1}} \pi = 64 \frac{1}{2} Lit/s$$

$$S = \frac{S}{N_{2}} = 134,53$$

$$R = \frac{R}{\log_{2} \left(1 + \frac{S}{11}\right)} = \frac{R}{368 H_{2}}$$

9 100011

S.L. - 30 18

3, 11

MAD

25

S/N = 30 dB -> \$1 = 1000 B = 1800 Hz B = B Hz S = 5 W No = 10 W/H. R1= 50 8/11/15 = C C = 3 log. (1+ 3) C1 = 8, log (1+ 1) = 17,341 Blit/s C1=32,053 With C1 - 8, loge (1+ 70.8) 50000 - 100 legs (1001) = 23344412 log2 (1+ 106 8) TU SE STALLO U KRUG UVESTAVASU VEIJE DNOSTI U B, (8 - PROTEVOLJAH -> 8'+ > B-B' -> NVSTI SETS -> B' ->) KADA SU BIB' PRIBLIEND JEDNAKI TO JE ZJEJENIF

(U OVOM SLUCAJU 8 KORAKA)

