02.04.48

| Inin | Inax | B = | Inax - | Inin | [Hz] |
| S | S(1) |
|
$$\rho(I) = u(I) \cdot i(I)$$
 |
| $i(I) = \frac{u(I)}{Z} \Rightarrow \rho(I) = \frac{u^2(I)}{Z}$
| $\rho(I) = i(I) \cdot i(I) \cdot Z$
| $\rho(I) = i$

· SNR [dB] = S[JBm] - N[JBm]

· S[w]

$$log_{\alpha}(b) = \frac{log_{\alpha}(b)}{log_{\alpha}(a)}$$

$$log_2(10) = \frac{log_{10}(10)}{log_{10}(2)} =$$

$$\frac{C}{B} = \log_2\left(1 + \frac{S}{N}\right)$$

$$\log_2(M^2) = \log_2\left(1 + \frac{s}{N}\right)$$

$$a_1 = A \qquad p(a_1) = p(A)$$

$$a_2 = B$$
 $p(a_2) = P(B)$

$$a_3 = C$$
 $I(a_i) = log_2(\frac{1}{r(a_i)}) =$

5

A 1000 001

aj⇔cj

...