

1 digital communications

$$P(n_1 + n_2 = \beta | n_0 + n_1 = \alpha) = e^{-\frac{(\alpha - 2\beta)^2}{3}} \rightarrow \textit{Sampling Decision}$$

$$n(t) * h(t) \rightarrow \sigma^2 = \frac{N_0}{2} \int_{-\infty}^{\infty} |H(f)|^2 df \leftarrow ???$$

Distribution resolution < - Constrained length of symbols in source.