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BPSK
QPSK
FSK
QAM
 $s(t) = \sum_n p(t - nT) \cos(2\pi(f_0 + \Delta_n)t)$
 f_0
 Δ_n
 $\frac{|y(t_m)|^2}{|n_o(t)|^2} = \text{Peak signal power at } m \text{ } \overline{\text{Average Noise Power}}$
spike
 $S_n(\omega) = \frac{1}{T} \int_T |\mathcal{F}\{n(t)\}|^2 dt$
 T
 2^n *vs*
wav
Arraylists
vs