



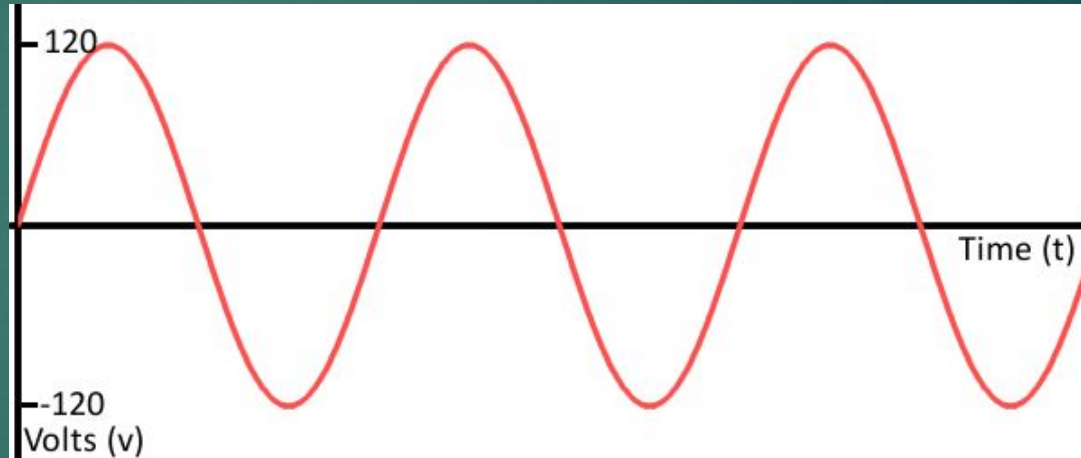
Transmitting
information signals

Types of signals

- ▶ Analog
- ▶ Discrete
 - quantized
 - digital

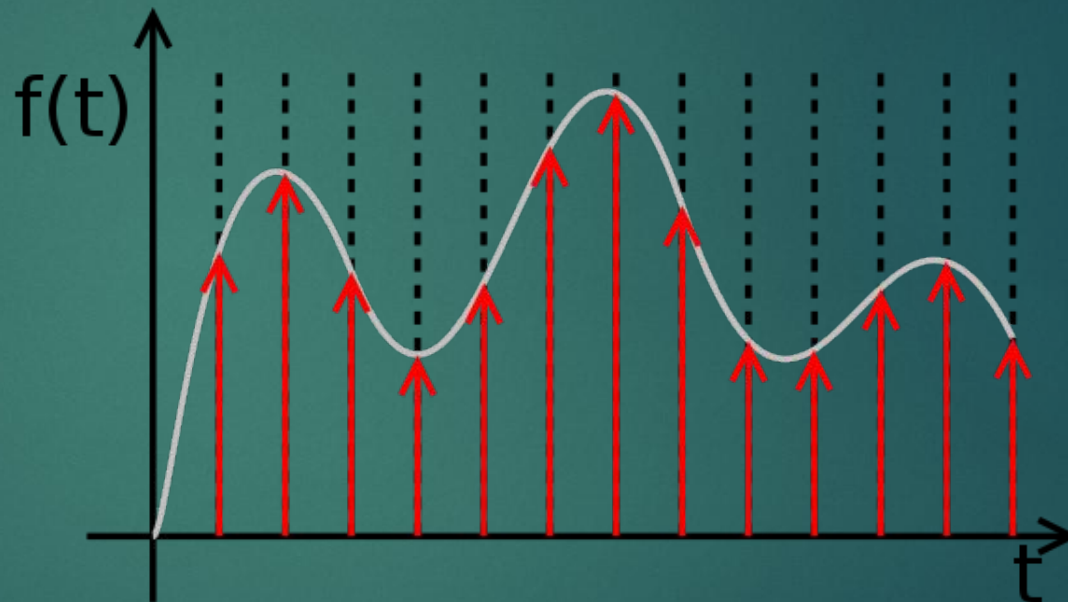
Analog signal

- Can be transmitted without conversation
- More vulnerable to interferences



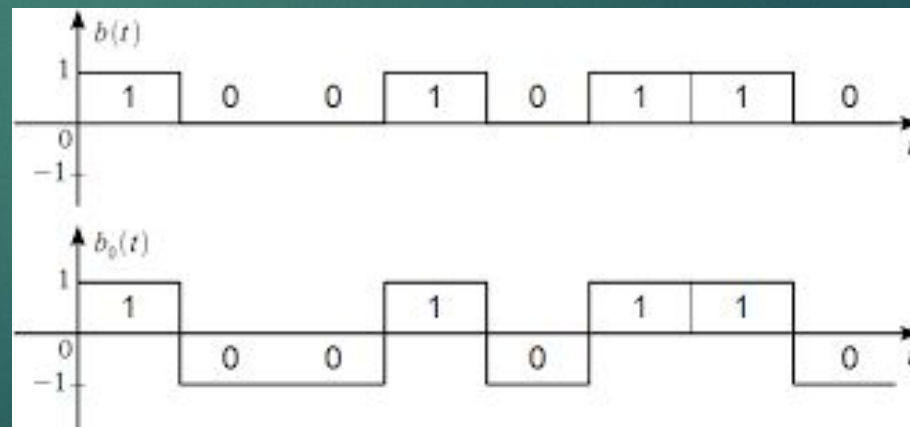
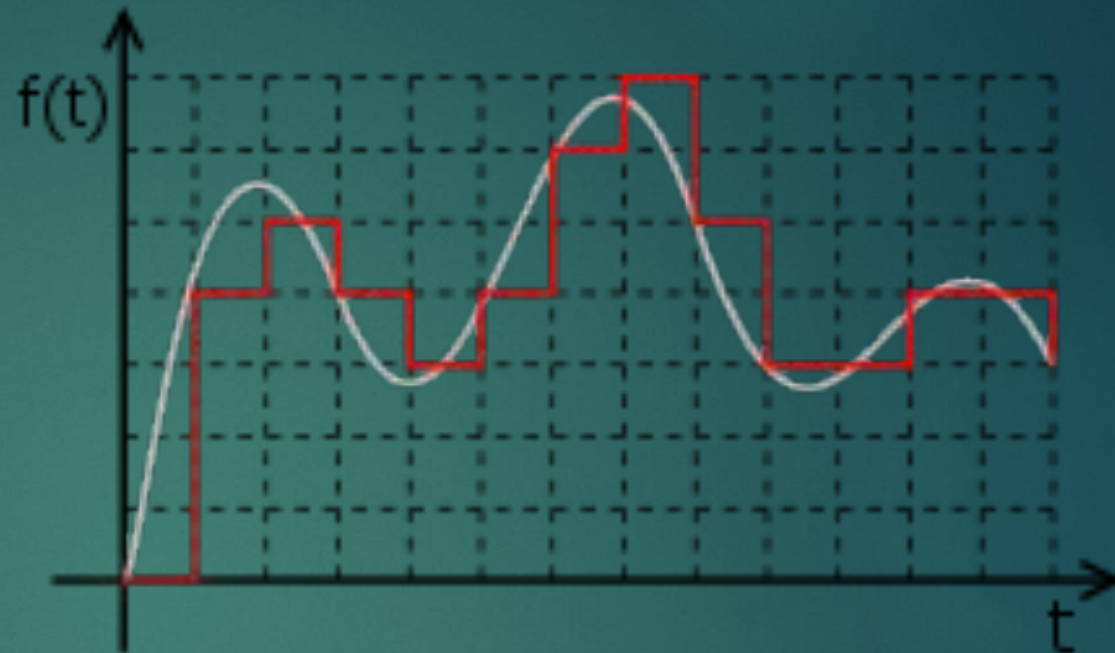
Discrete signal

- Less vulnerable to interferences
- Need to be converted before



You get quantum signal, but you transmit a sequence of digits.

- Economy of frequency resources
- Need to be compressed



Thanks for your attention

