



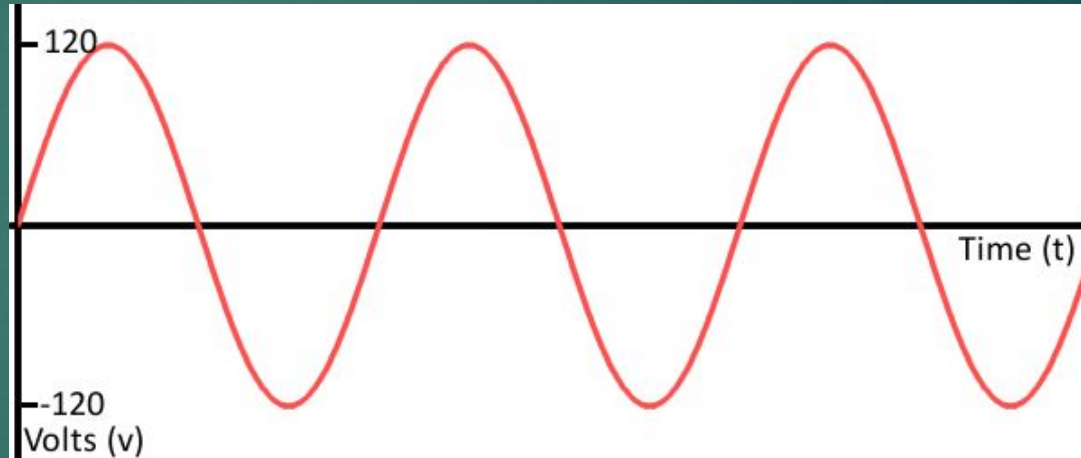
Transmitting  
information signals

# Types of signals

- ▶ Analog
- ▶ Discrete
  - quantized
  - digital

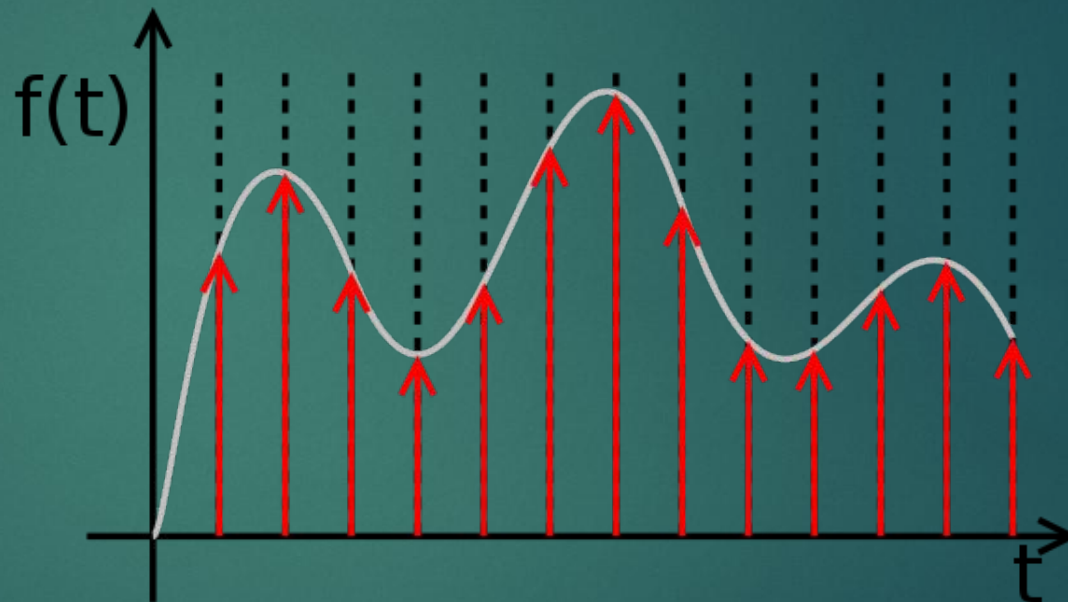
## Analog signal

- Can be transmitted without conversation
- More vulnerable to interferences



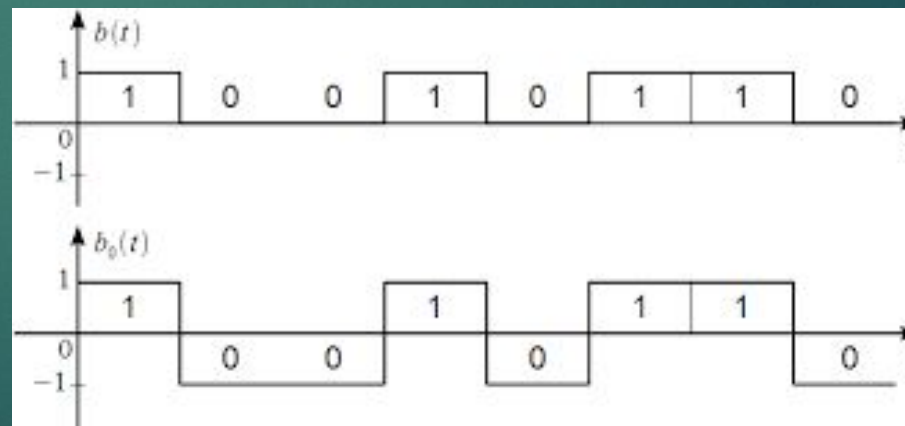
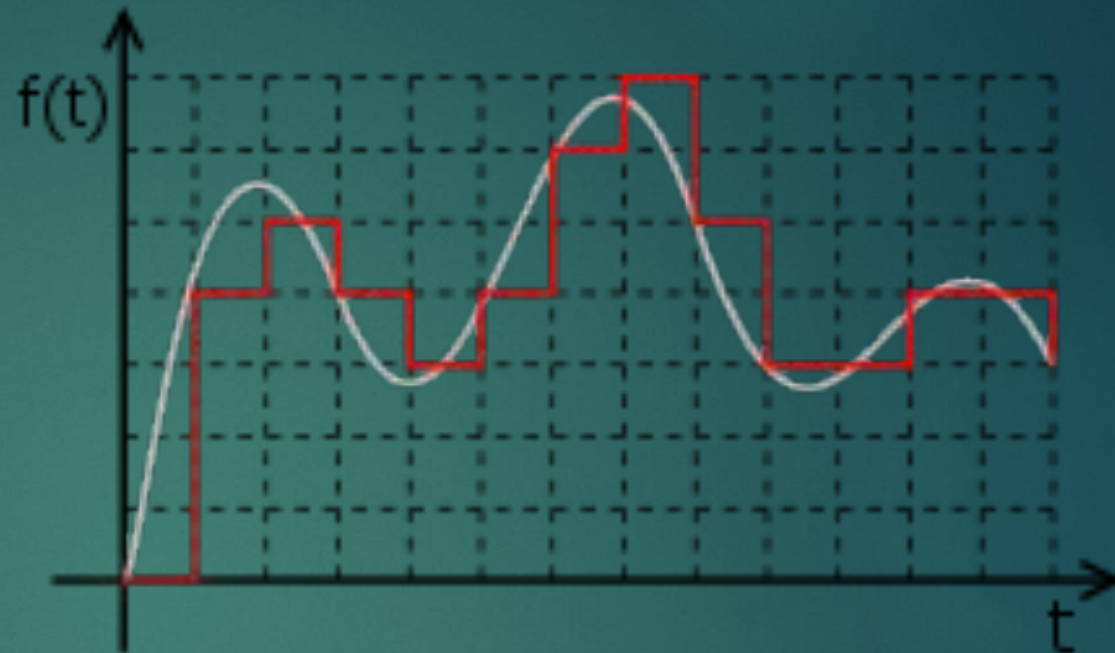
## Discrete signal

- 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

