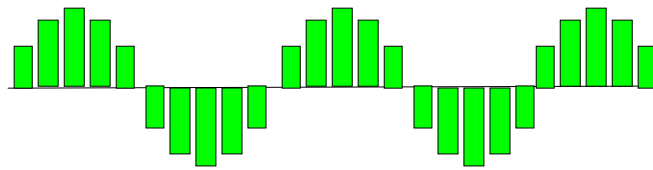
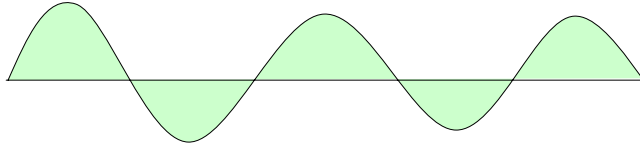


Signals



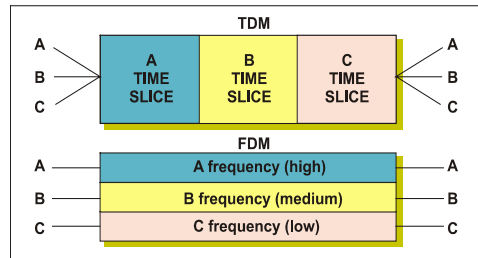
Bit Synchronisation

- Asynchronous
- Synchronous:
 - Guaranteed state change
 - Separate clock signal
 - Oversampling

Bandwidth Use

- In baseband LANs, the entire bandwidth of the LAN cable is used to transmit a single digital signal
- In broadband networks, the bandwidth of the cable is divided into many channels, which can transmit many simultaneous signals

Multiplexing Techniques



X.21

