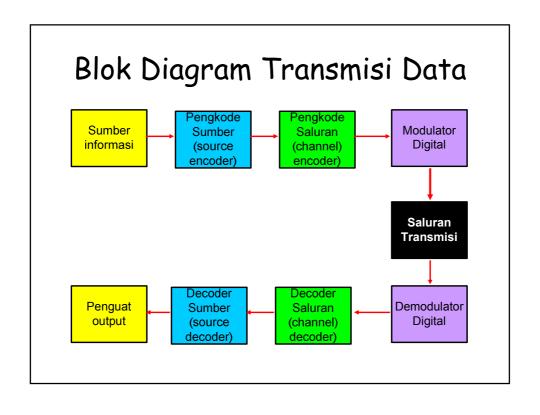
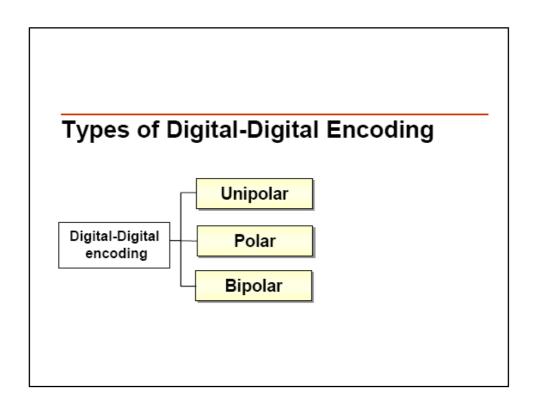
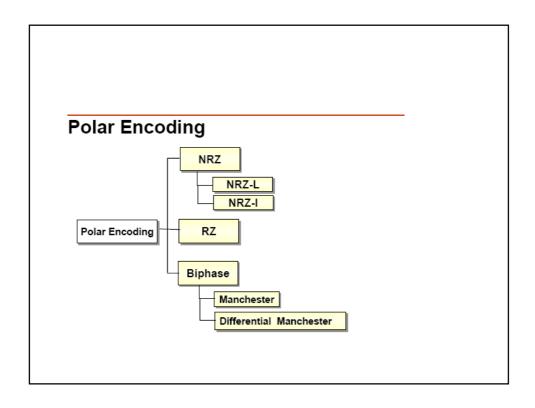
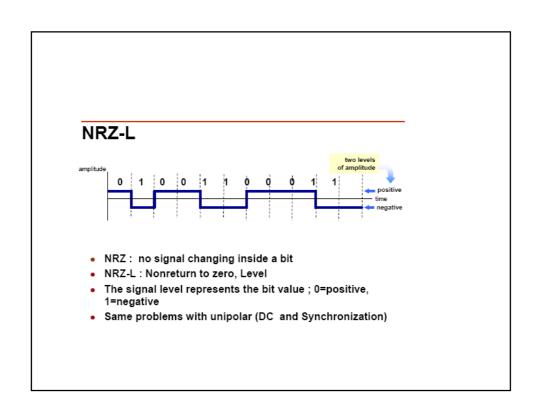
LINE ENCODING

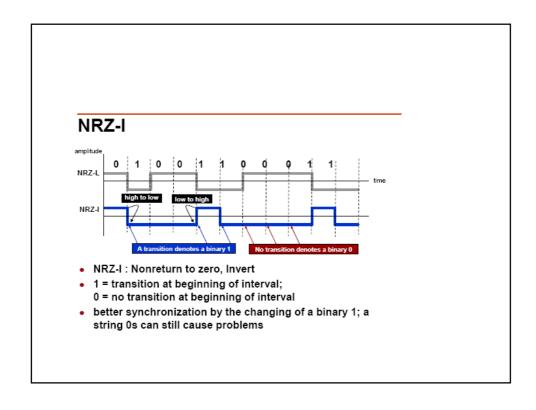


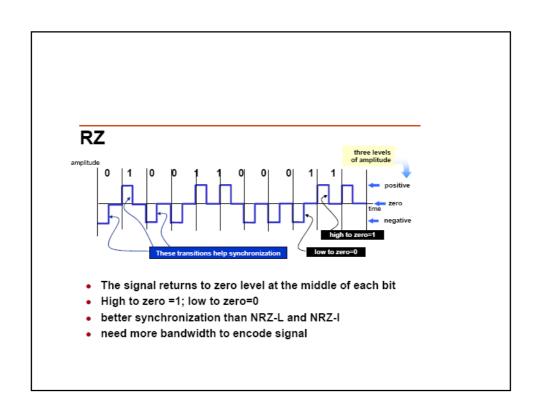
- Source Coding: untuk kompresi
- Channel coding : untuk kehandalan/ meminimalisir error

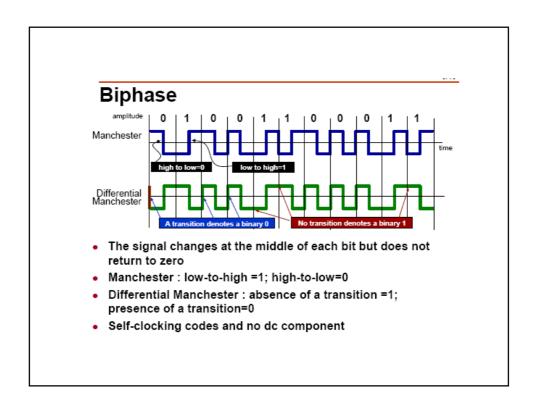


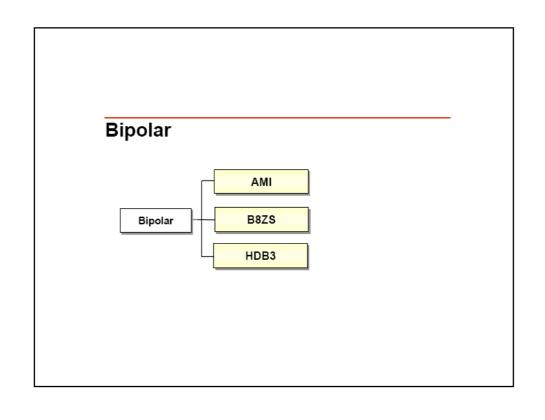




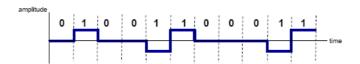








Bipolar AMI



- AMI = Alternate Mark Inversion = Alternate 1 Inversion
- a binary 1 must alternate in polarity; no line signal represents a binary 0
- psuedoternary: a variation of AMI, in which binary 0 alternates in polarity
- Advantages :
 - no net dc component
 - no loss of synchronization for a long string of 1s;

B8ZS AMI B8ZS=Bipolar 8-zeros substitution commonly used in North America Provide synchronization of long string of 0s Force signal changes when eight 0s occur in succession

