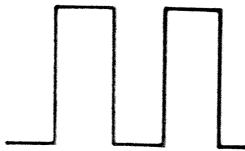
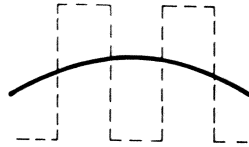


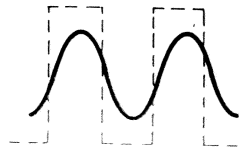
Pulses Before Transmission:
Pulse rate 2000 per second



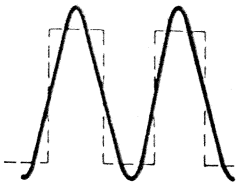
Pulses After Transmission:
Bandwidth 500 Hz



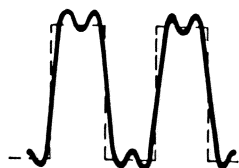
Bandwidth 1000 Hz



Bandwidth 2000 Hz
(First harmonic)



Bandwidth 4000 Hz
(Second harmonic)



Bandwidth 6000 Hz
(Third harmonic)



Bandwidth 8000 Hz
(Fourth harmonic)

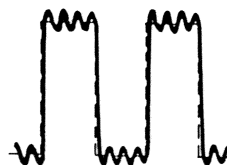
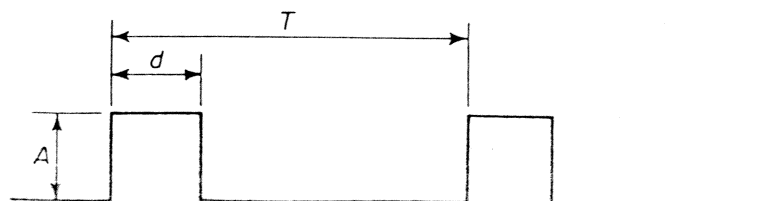


Figure 8.9 The effect of bandwidth on the quality of pulse transmission.

Telecommunications and the
Computer, by James Martin;
Prentice-Hall, 1976.

Figure 8.10



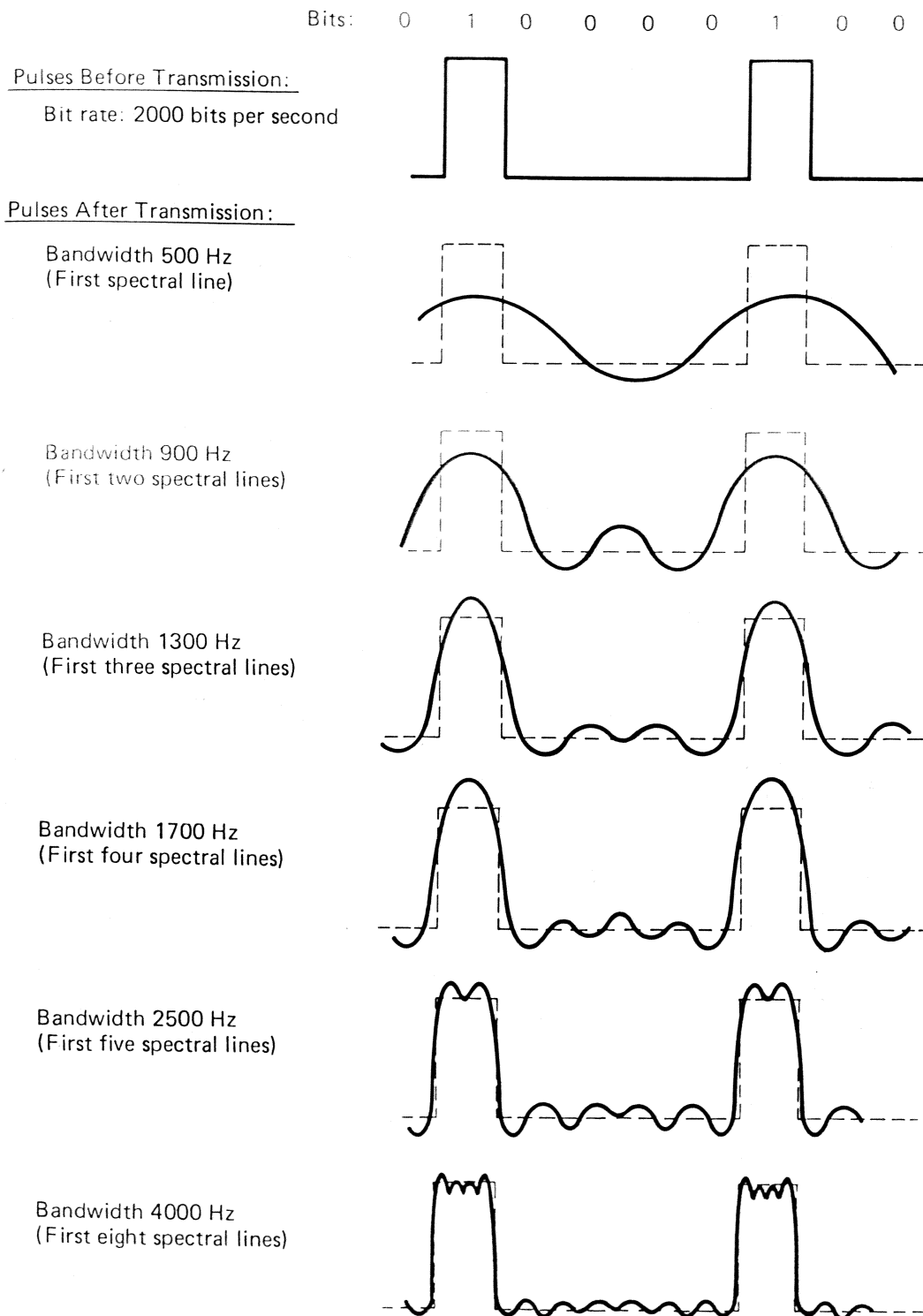


Figure 8.14 The effect of transmitting the pulses in Fig. 8.13 over differing bandwidths. Telecommunications and the Computer, by James Martin; Prentice-Hall, 1976.