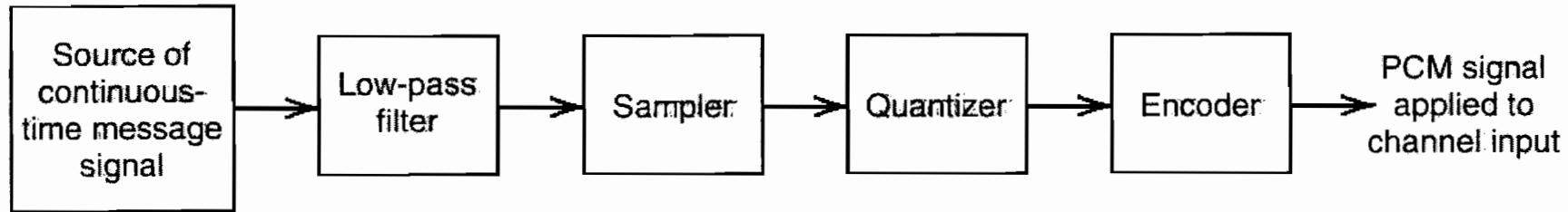
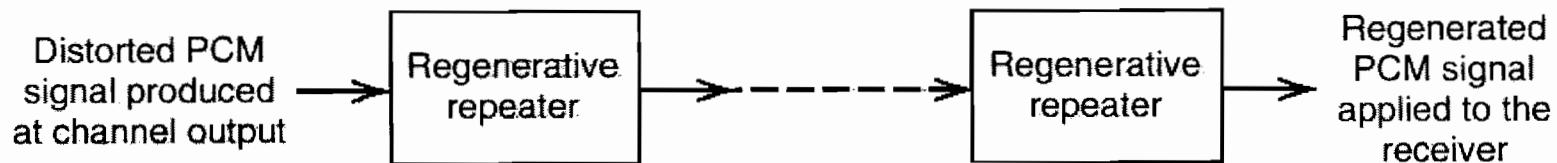


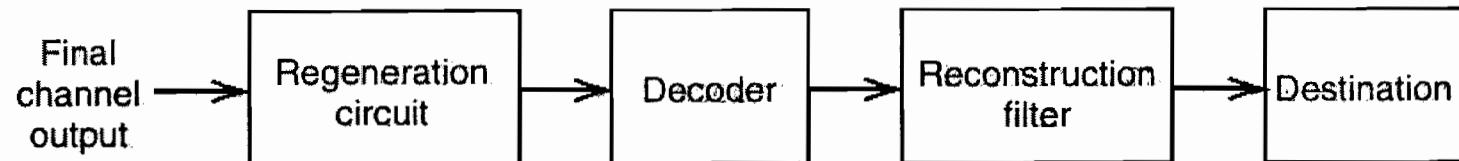
# The basic elements of a PCM system.



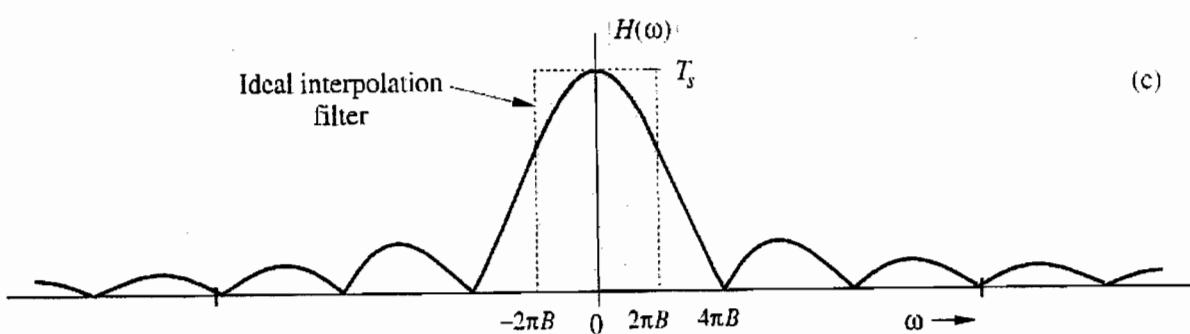
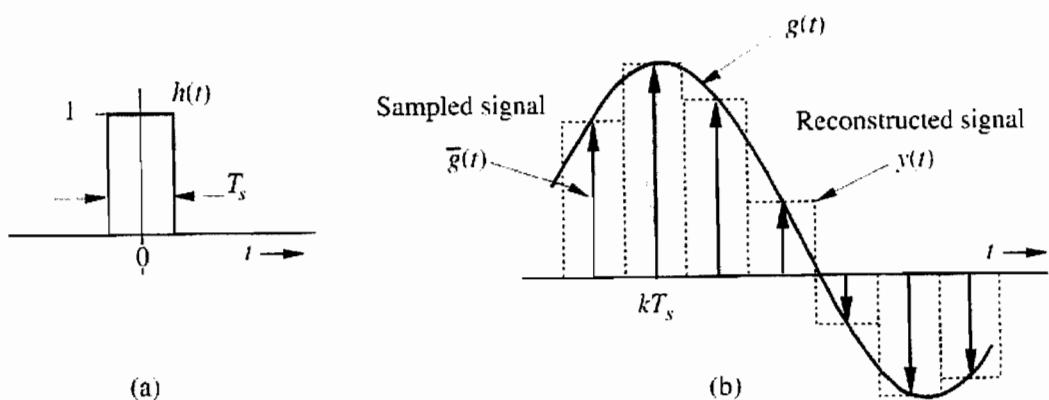
(a) Transmitter



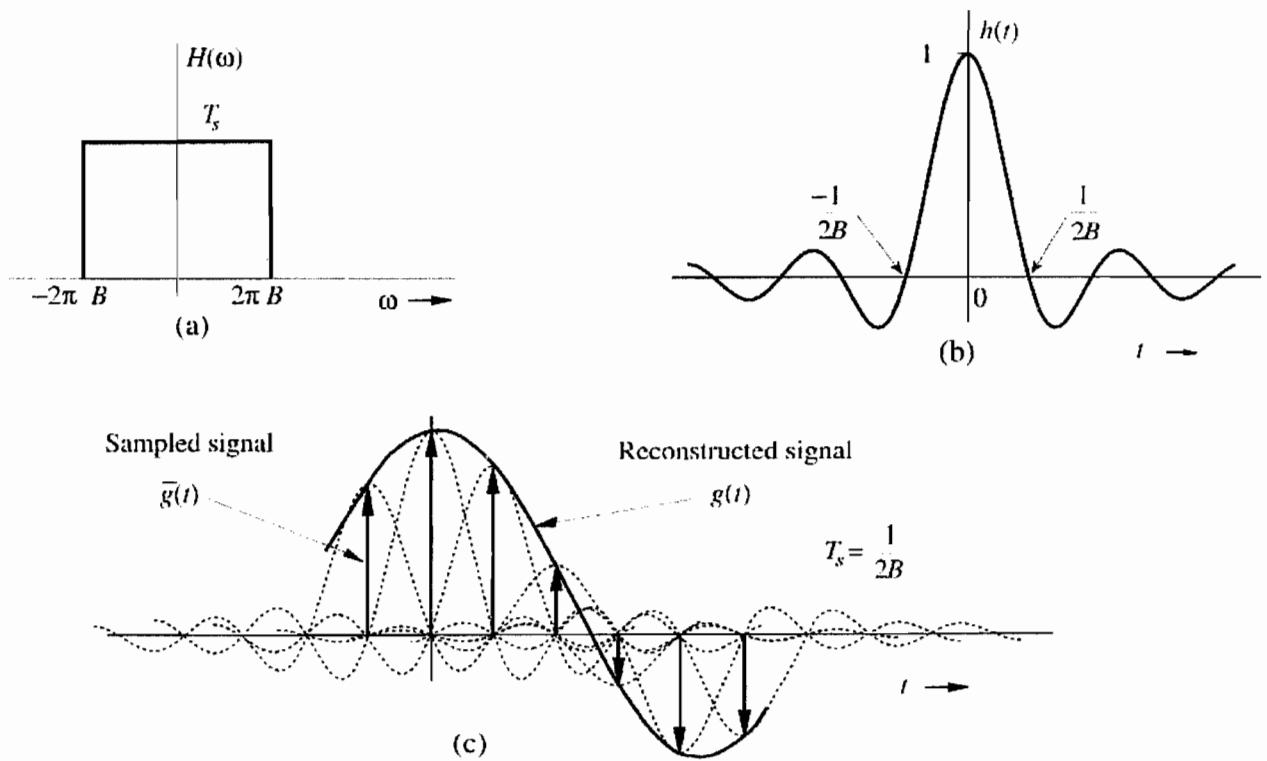
(b) Transmission path



(c) Receiver



**Figure 6.2** Simple interpolation using zero-order hold circuit.



**Figure 6.3** Ideal interpolation.