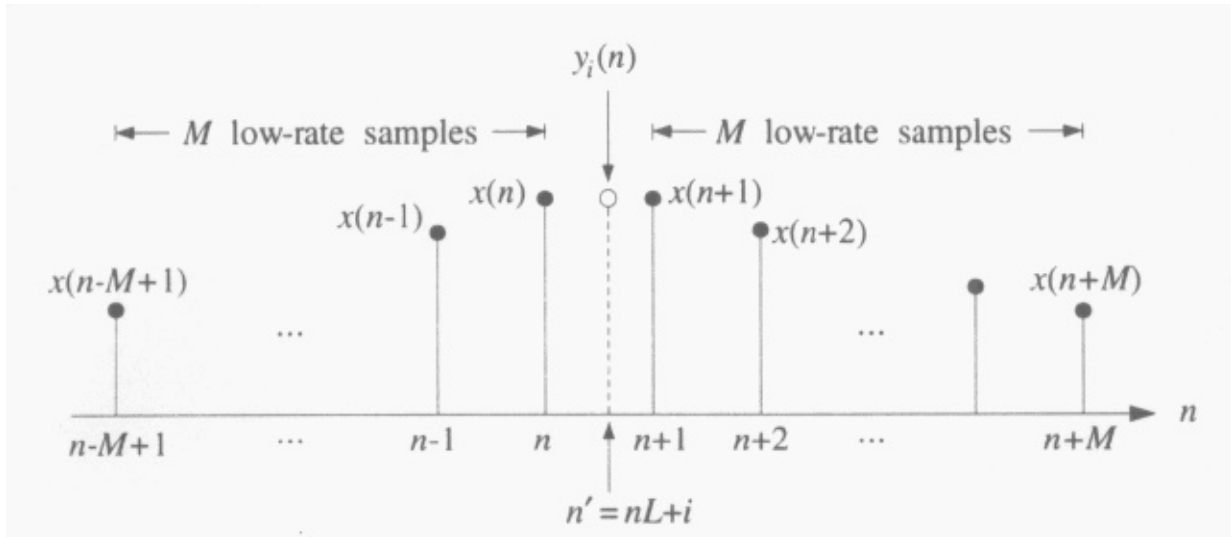
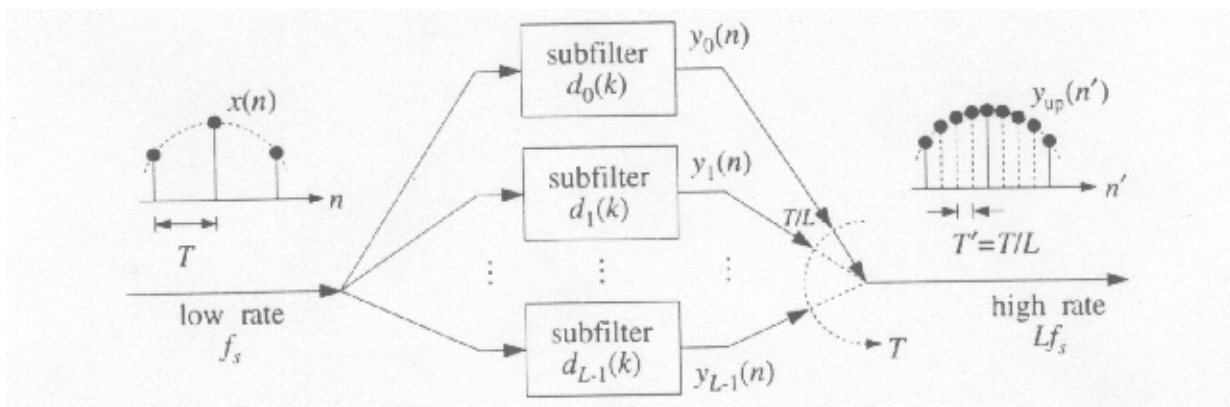


The implementation strategy can be depicted graphically as follows:



It can also be described in a block diagram form:



The computational savings is:

Direct Form:

$$R = NLf_s$$

Polyphase Form:

$$R = L(2M)f_s = Nf_s$$