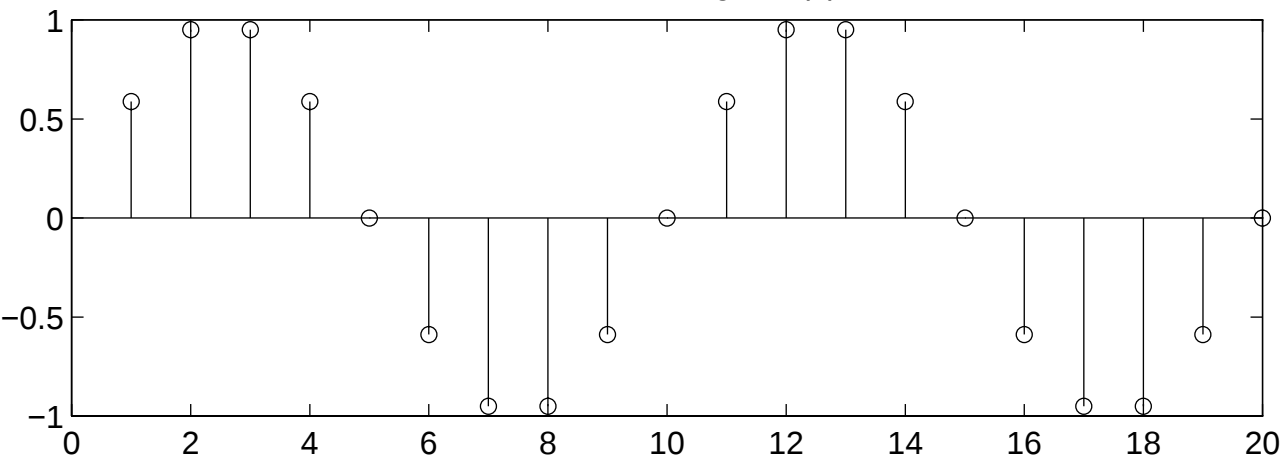
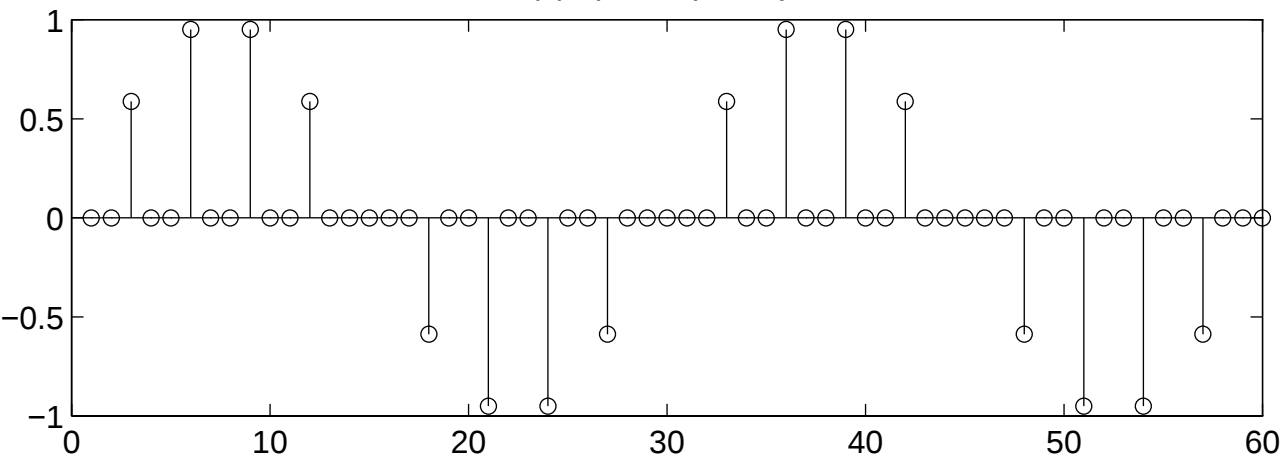
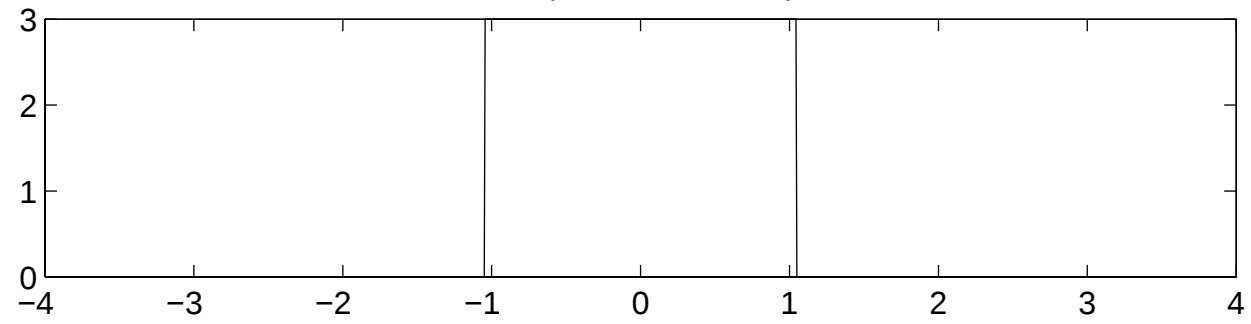
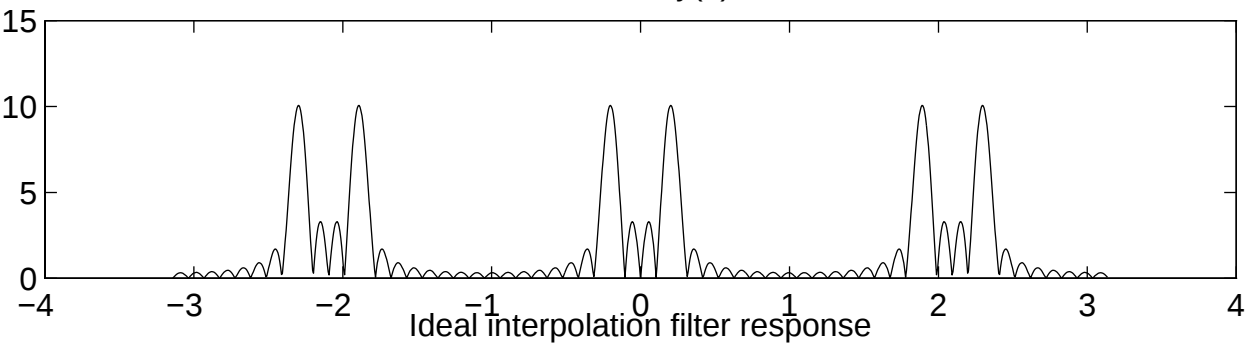
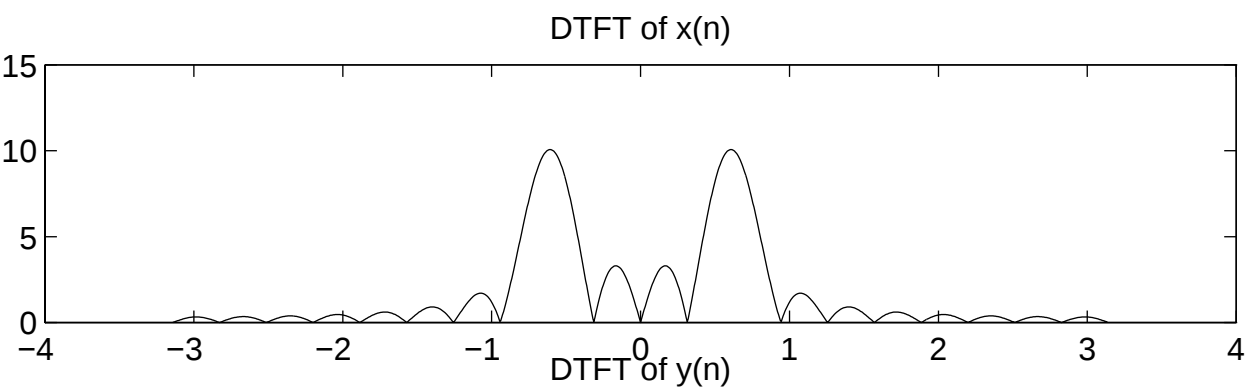
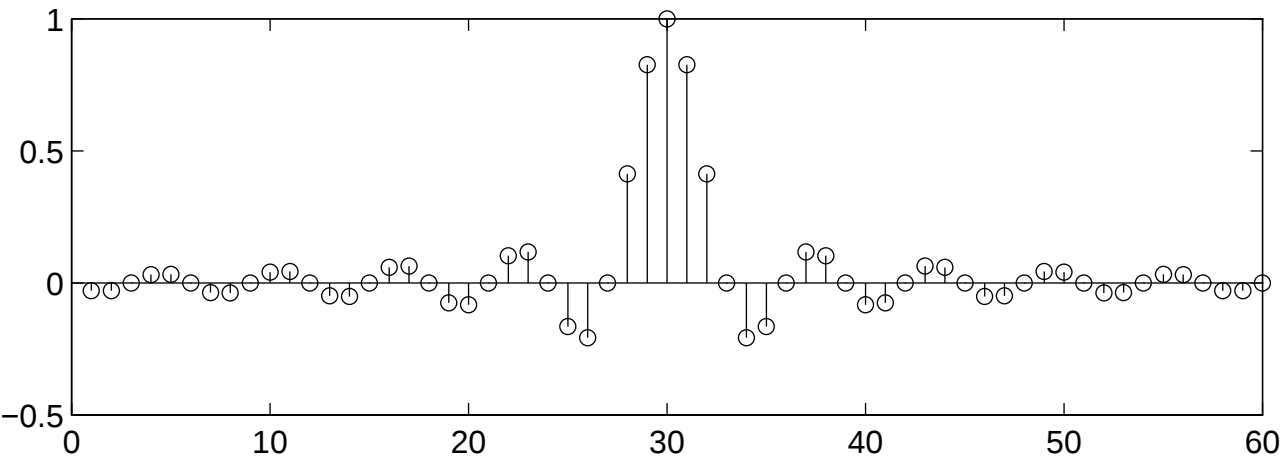


Discrete time signal $x(n]$  $x[n]$ up-sampled by 3



Ideal interpolating filter $h(n)$



DTFT of $H(n)$

