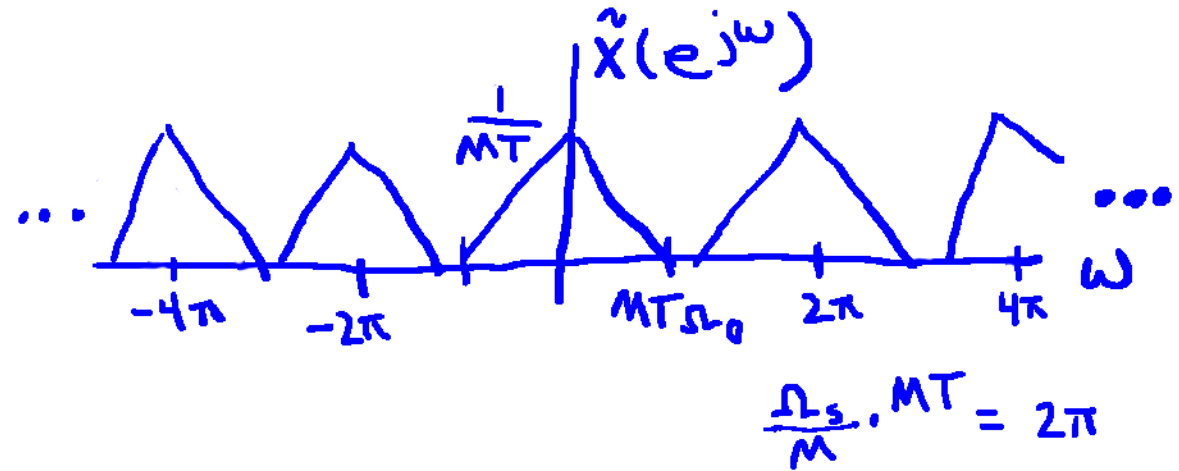
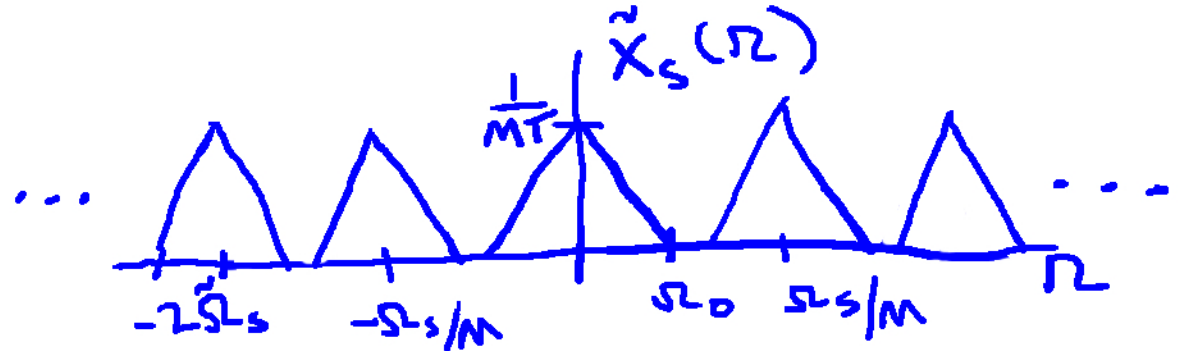
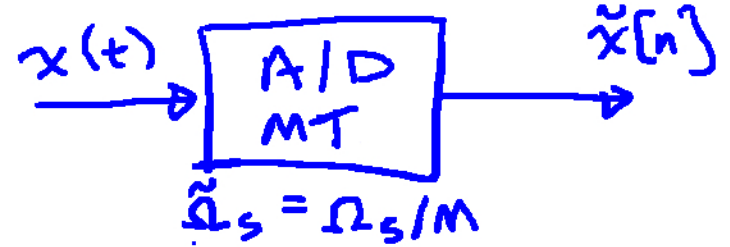
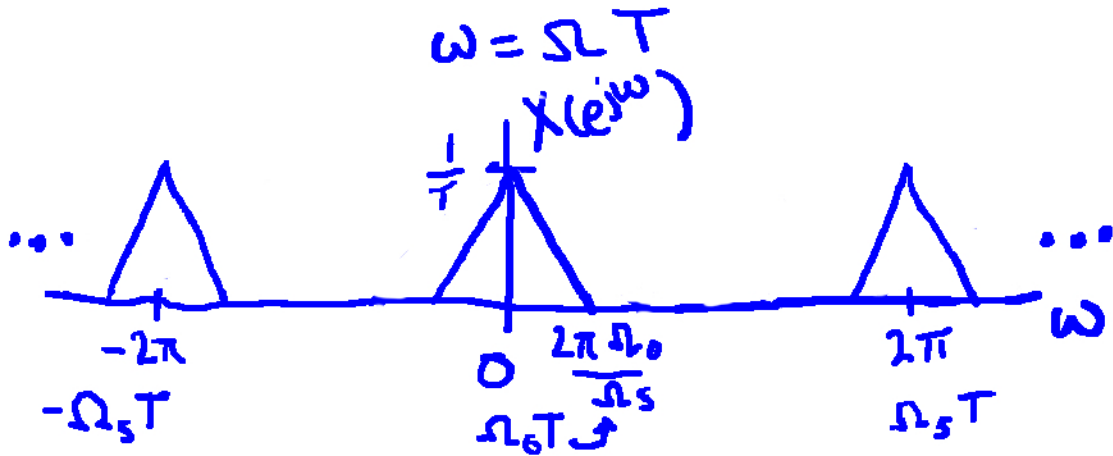
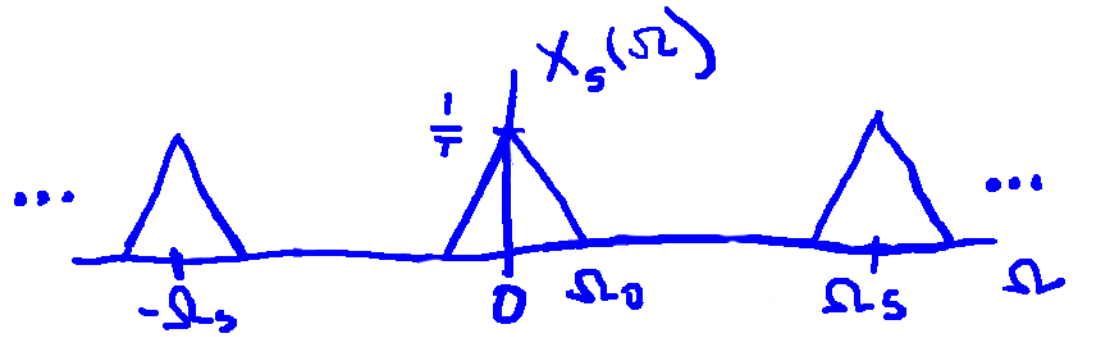
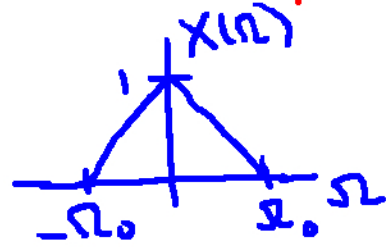
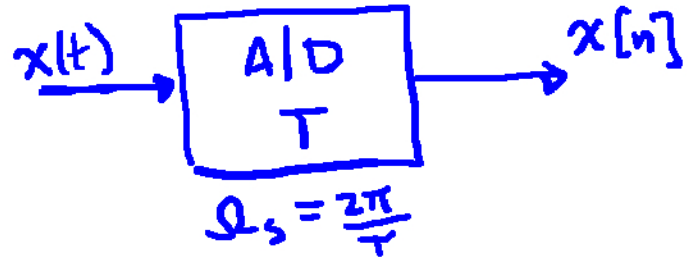
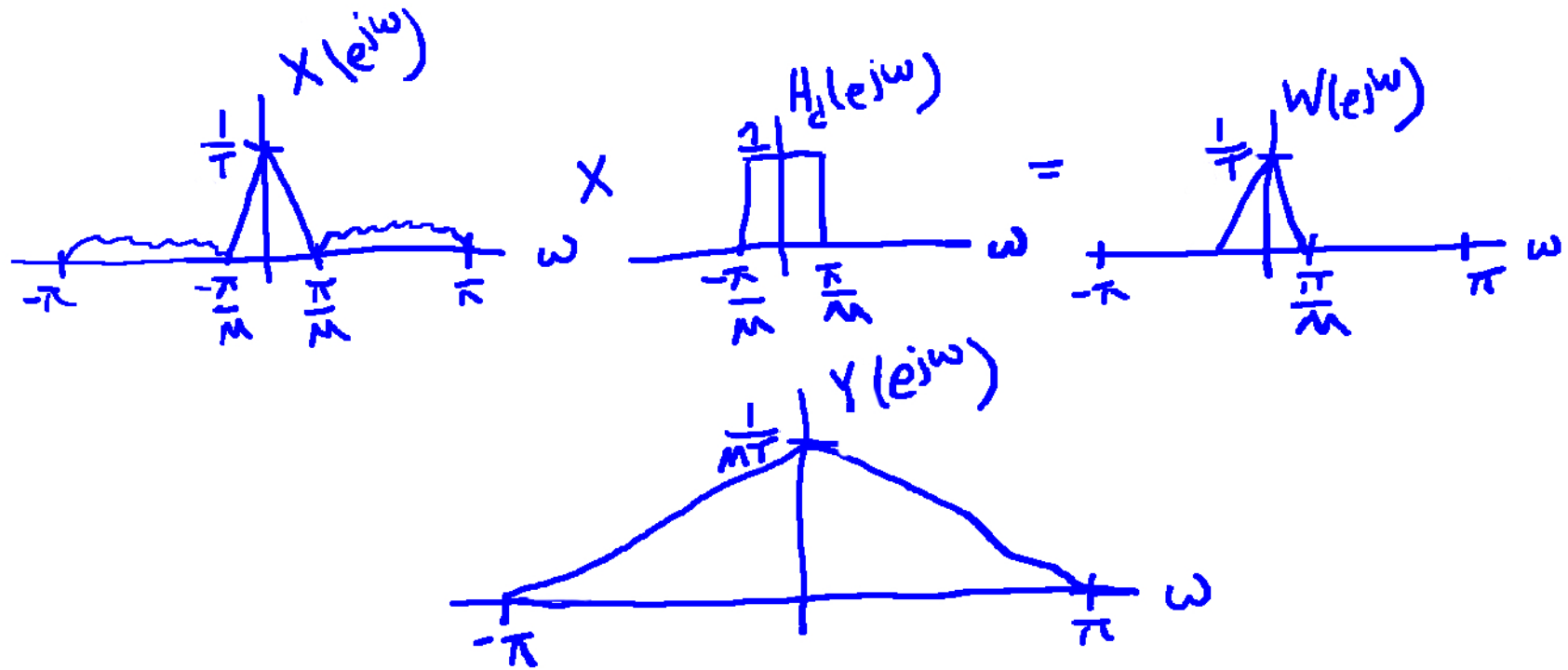


Downsampling

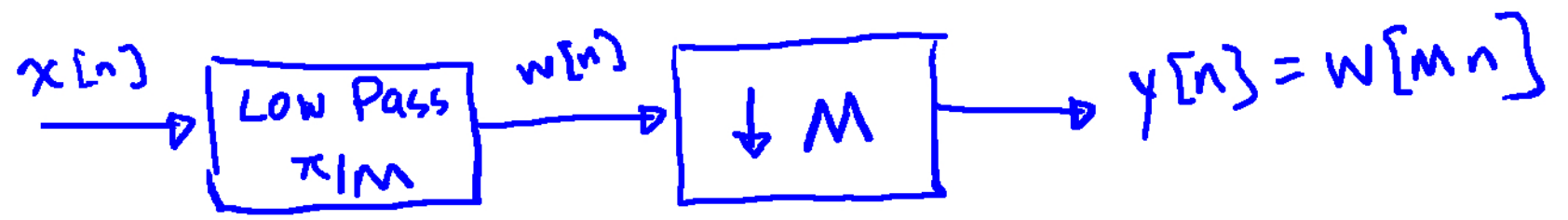
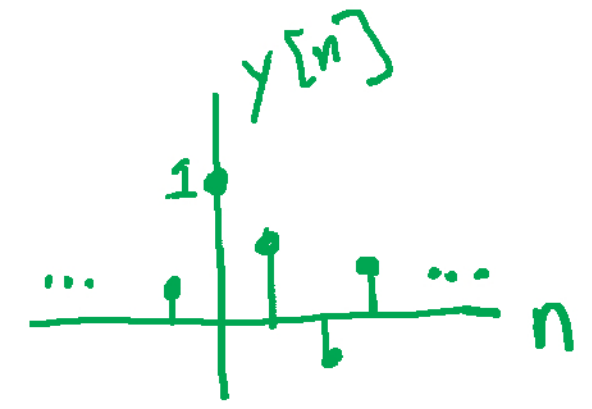
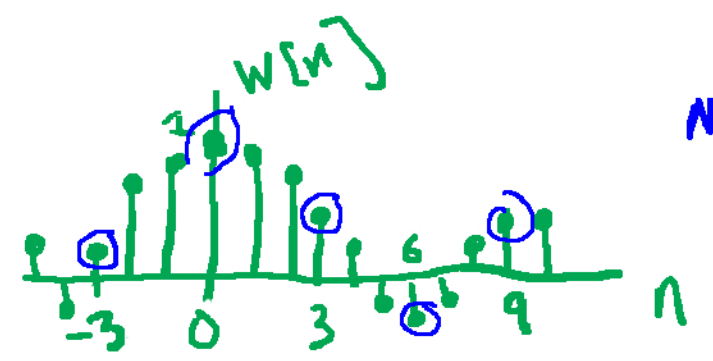
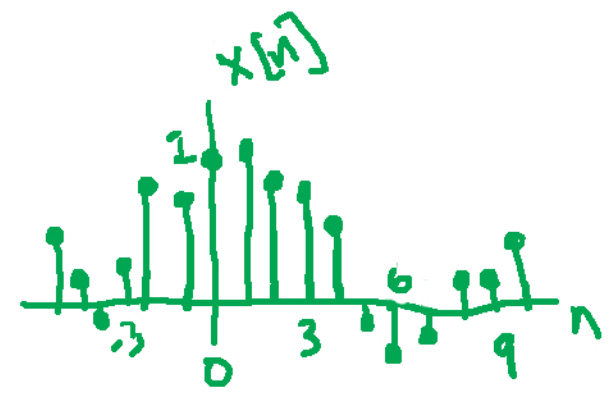
Downsampling



$$\frac{\Omega_s}{M} \cdot MT = 2\pi$$



Note: if $y[n] = w[Mn]$, then $Y(e^{j\omega}) = \frac{1}{M} \sum_{m=0}^{M-1} W(e^{j(\omega - m2\pi)/M})$



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