The reconstruction formula is given by S(t) = 5 S[n] Sinc (2wt-n) where $sinc(z) \triangleq \begin{cases} sin 73 \\ \hline 773 \end{cases}$ $z \neq 0.$ Linke ht (2), ha(2), xt(4), xt(4), ytas, yas are band limited baseband signals, and so are h(r), $\chi(t)$ and $\chi(t)$.

Using the sampling theorem we therefore have $h(r) = \sum_{n=-\infty} h(n) \text{ Sinc } (2w(r-n)).$ $x(t) = \sum_{n=-\infty}^{\infty} x(n) \text{ sinc } (2nt-n)$ $\gamma(t) = \underbrace{2}_{n=-\infty} \gamma(n) \text{ sinc } (2nt-n)$ $h(n) = h(z=\frac{n}{2N}), \chi(n) = \chi(t=\frac{n}{2N}),$ $\gamma(n) = \gamma(t=\frac{n}{2N}).$ Therefore in @ we have y(n) = y(t=n) = 1 \int h(z) x (n - z) dz \cdot -6)
uning the sampling theorem expansions
from @ in 6 me have