

- $\text{sinc}(t) = 0$ for every integer $i \neq 0$.

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$$\text{sinc}(2Wt - i) = \text{sinc} \left(2W \left(t - \frac{i}{2W} \right) \right) = \begin{cases} 1 & t = \frac{i}{2W} \\ 0 & t = \frac{j}{2W}, \quad j \neq i \end{cases}$$