

 $= A e^{-j\Omega b/2} \left(e^{j\Omega b/2} - e^{j\Omega b/2} \right)$ $= A e^{-j\Omega b/2} \left(a \right) \cdot \frac{2}{b}$ $= A e^{-j\Omega b/2} \left(a \right) \cdot \frac{2}{b}$ $= A e^{-j\Omega b/2} \cdot \frac{b}{2} \cdot \frac{b}{2} \cdot \frac{b}{2}$ $= A e^{-j\Omega b/2} \cdot \frac{b}{2} \cdot \sin c \cdot \frac{\Omega b}{2} \right)$