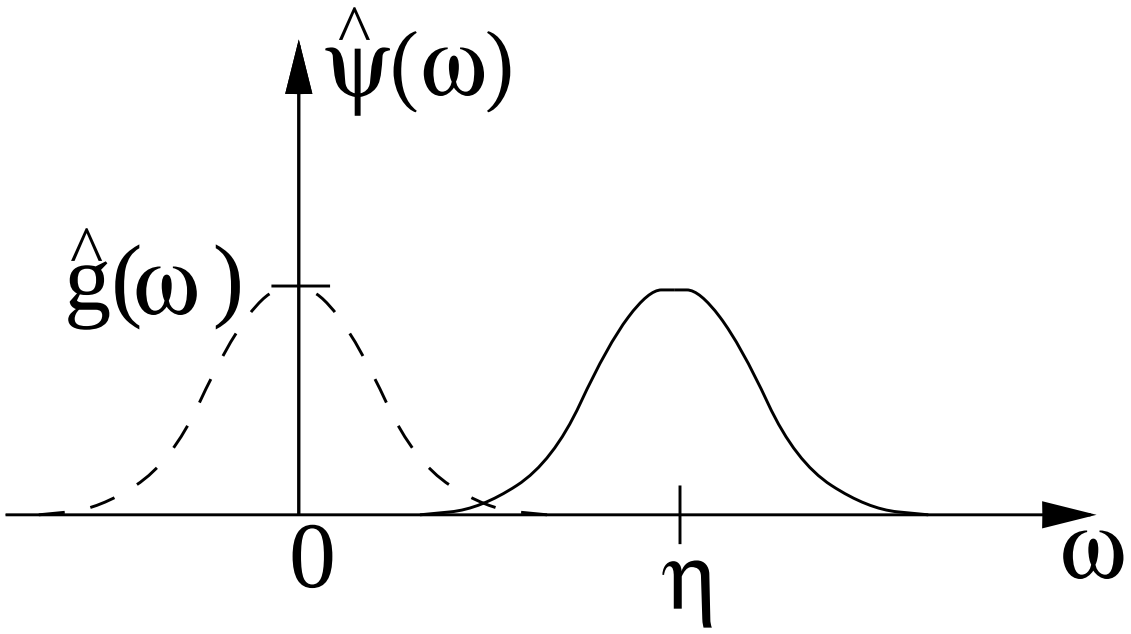

Figure 4.10: Fourier transform $\hat{\psi}(\omega)$ of a wavelet $\psi(t) = g(t)\,\exp(i\eta t)$.