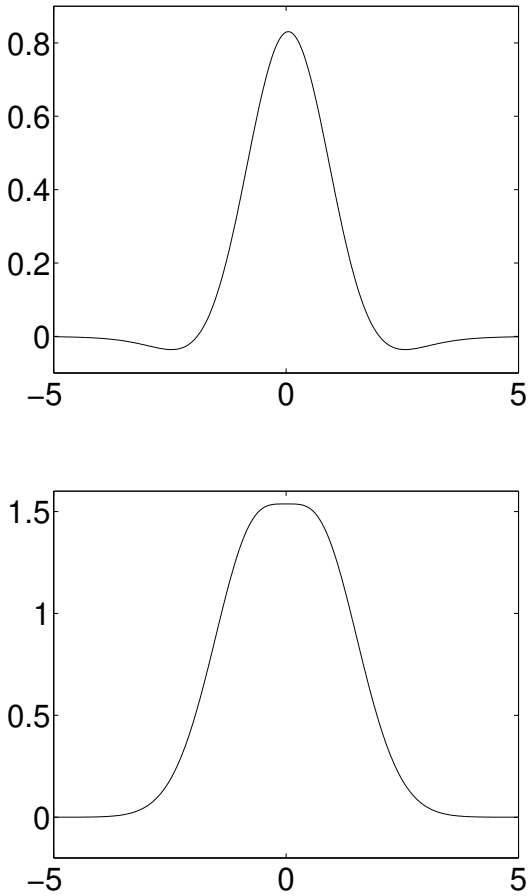

Figure 4.8: Scaling function associated to a Mexican hat wavelet and its Fourier transform.