

Figure 1: Idealized time-frequency representations of (a) WT (left) and (b) STFT (right) logons.

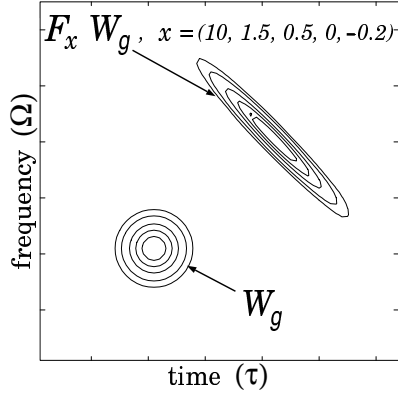


Figure 2: W_g and an example $F_x W_g$ for a Gaussian analyzing wavelet g .

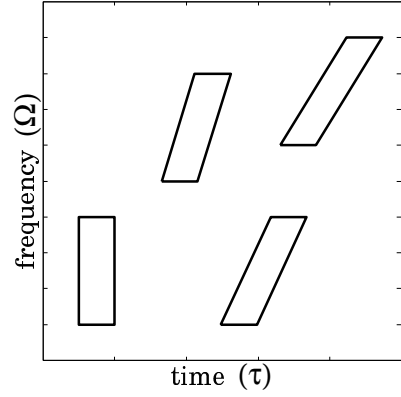


Figure 3: Logons corresponding to points lying on the analysis surface $x = (t, \omega, 1, 0.8t, 0)$.

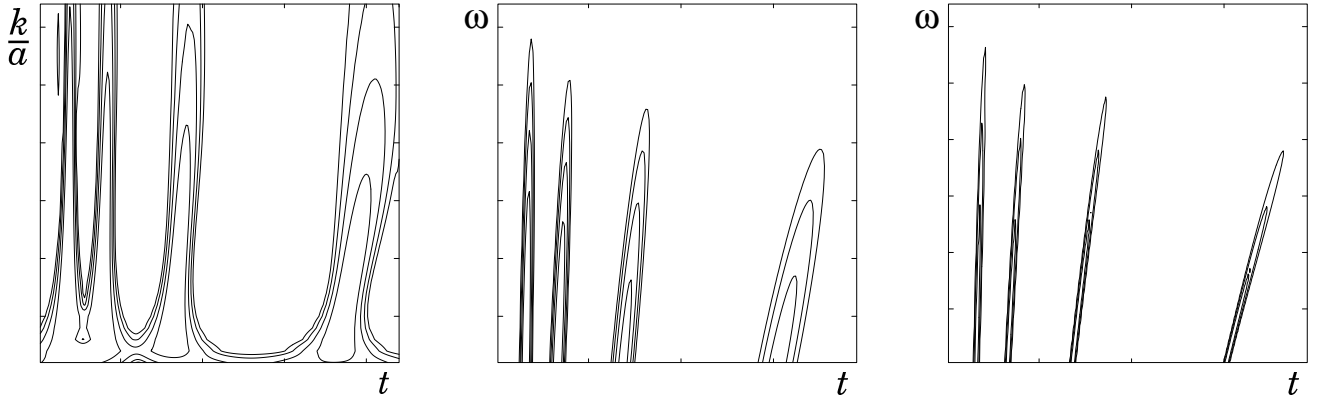


Figure 4: Comparison of three time-frequency representations of a simulated dispersed signal. Left: (a) WT. Center: (b) STFT. Right: (c) Dispersion transform (DT).