



Fig. 5.2. A Wavelet Tour of Signal Processing, 3rd ed. Dyadic wavelet transform $Wf(u, 2^j)$ computed at scales $2^{-7} \leq 2^j \leq 2^{-3}$ with the filter bank algorithm, for a signal defined over $[0, 1]$. The bottom curve carries the lower frequencies corresponding to scales larger than 2^{-3} .