A Wavelet Tour of Signal Processing
Stéphane Mallat, Academic Press 1999 (2nd edition)

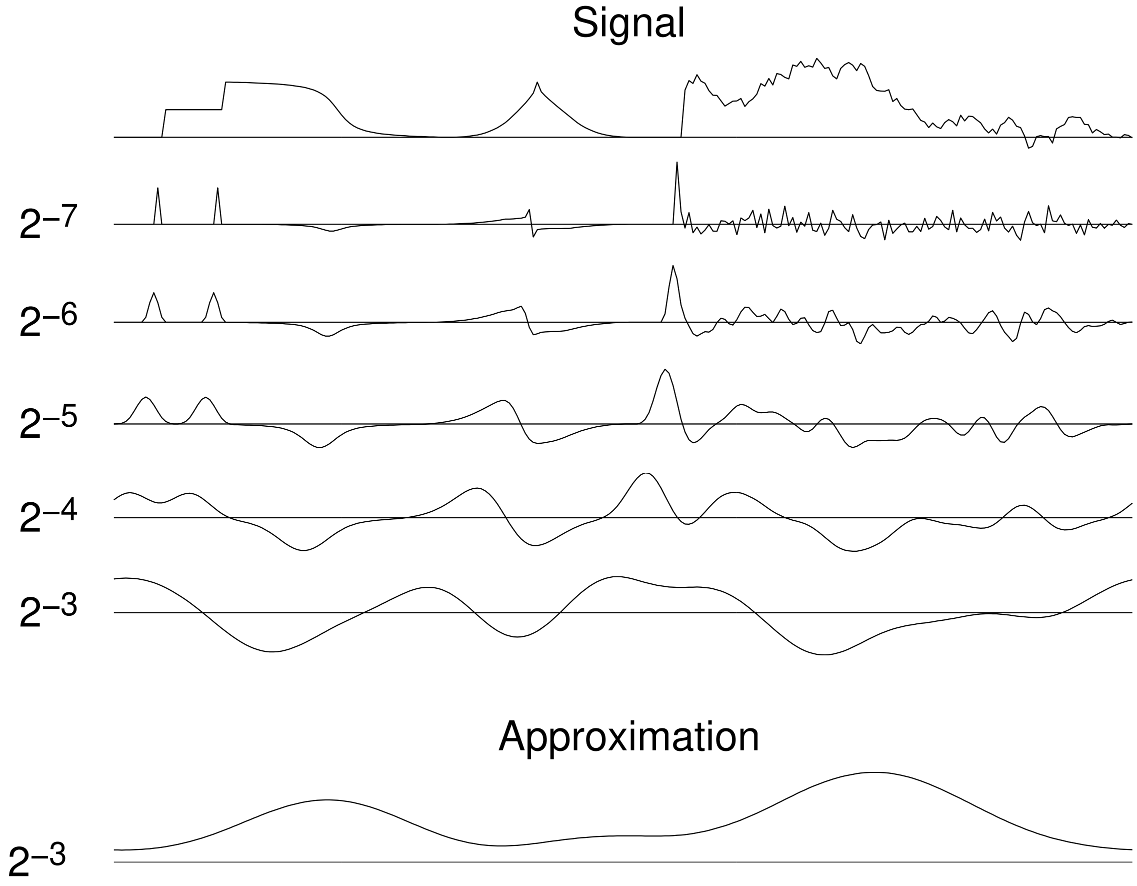

Figure 5.5: Dyadic wavelet transform $Wf(u, 2^j)$ computed at scales $2^{-7} \leq 2^j \leq 2^{-3}$ with a filter bank algorithm, for signal defined over $[0, 1]$. The bottom curve carries the lower frequencies corresponding to scales larger than 2^{-3}.