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

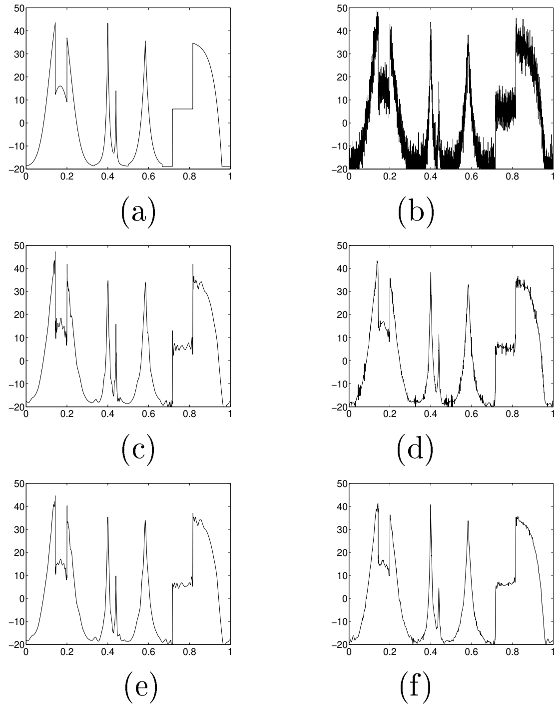

Figure 10.5: (a): Original signal. (b): Noisy signal (SNR = 13.1 db). (c): Estimation by a hard thresholding in a wavelet basis (Symmlet 4), with $T = \tilde{\sigma}\sqrt{2\log_{\rm e} N}$ (SNR = 23.3 db). (d): Soft thresholding calculated with SURE thresholds T_j adapted to each scale 2^j (SNR = 24.5 db). (e): Translation invariant hard thresholding with $T = \tilde{\sigma}\sqrt{2\log_{\rm e} N}$ (SNR = 25.7 db). (f): Translation invariant soft thresholding with SURE thresholds (SNR = 25.6 db).