A Wavelet Tour of Signal Processing

Stéphane Mallat, Academic Press 1999 (2nd edition)

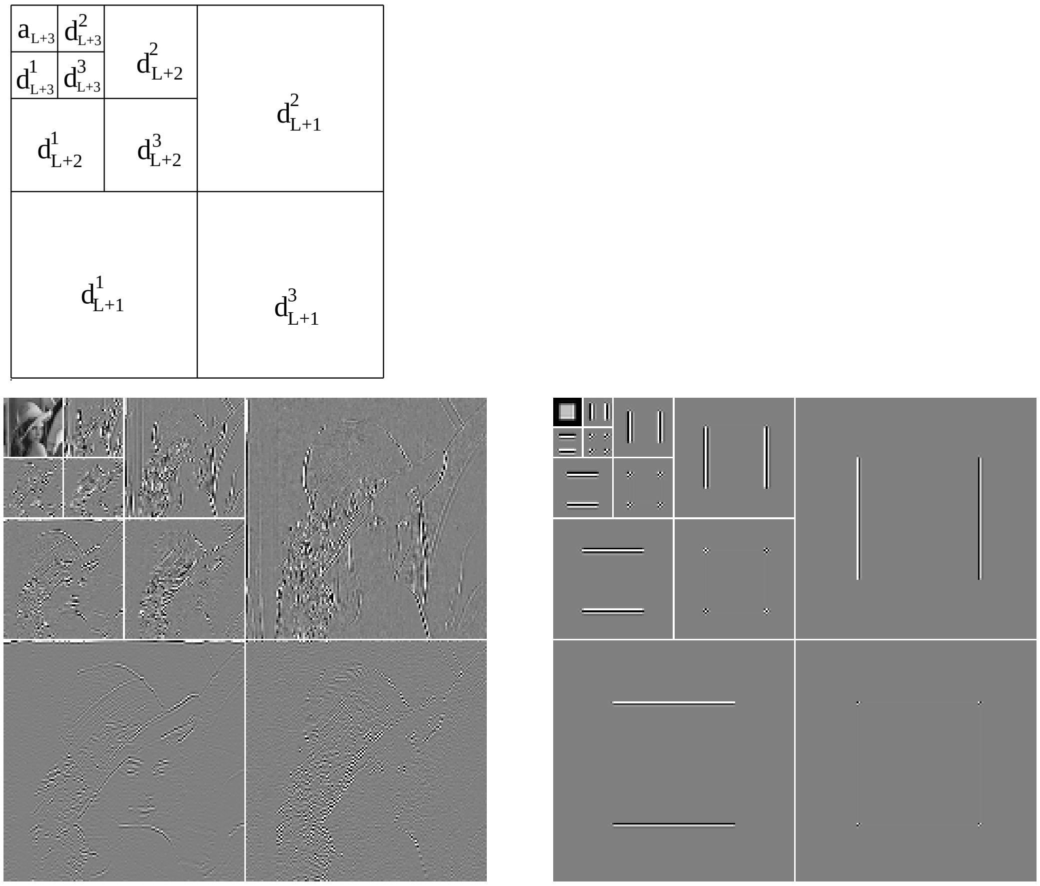

Figure 7.26: Separable wavelet transforms of Lena and of a white square in a black background, decomposed respectively on 3 and 4 octaves. Black, grey and white pixels correspond respectively to positive, zero and negative wavelet coefficients. The disposition of wavelet image coefficients $d_j^k[n,m] = \langle f, \psi_{j,n}^k \rangle$ is illustrated at the top.