A Wavelet Tour of Signal Processing

Stéphane Mallat, Academic Press 1999 (2nd edition)

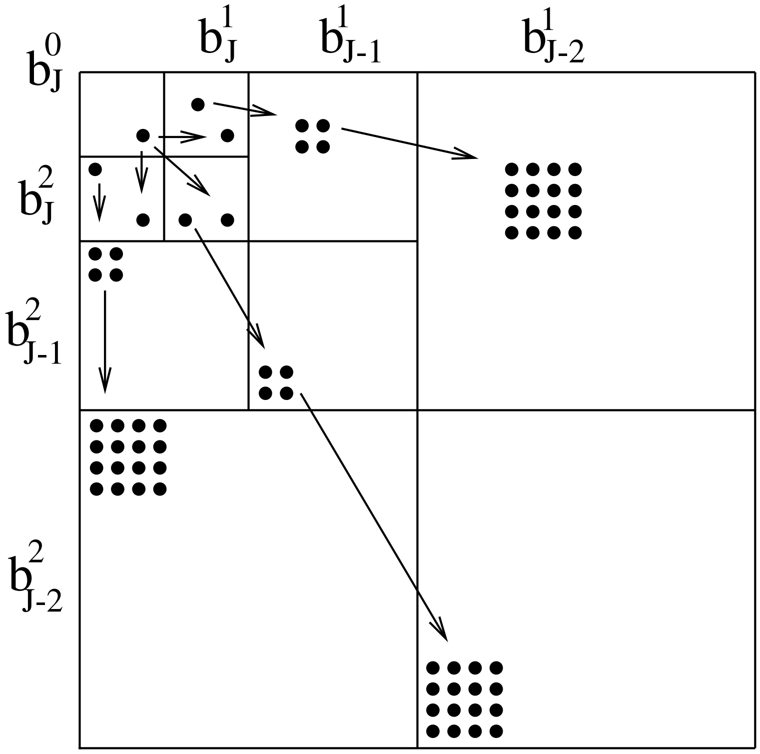

Figure 11.18: At the coarsest scale 2^J, the children of each pixel in b_J^0 are the three pixels of the same position in b_J^1, b_J^2 and b_J^3. At all other scales, in each direction l, quad-trees are constructed by relating a pixel of b_j^l to its four children in b_{j-1}^l.