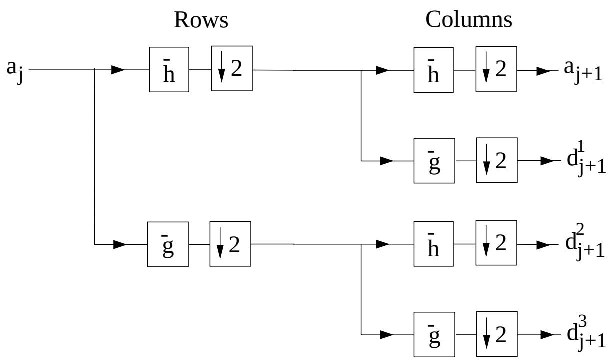
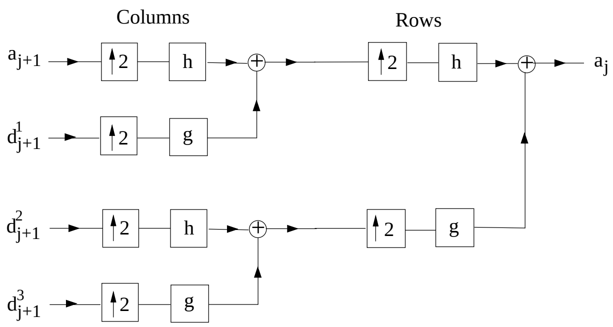
A Wavelet Tour of Signal Processing
Stéphane Mallat, Academic Press 1999 (2nd edition)



(a)



(b)

Figure 7.27: (a): Decomposition of a_j with 6 groups of one-dimensional convolutions and subsamplings along the image rows and columns. (b): Reconstruction of a_j by inserting zeros between the rows and columns of a_{j+1} and d^k_{j+1}, and filtering the output.