

S_{11}	S_{12}	S_2	
S_{13}	S_{14}		
C		S_{41}	S_{42}
S_3 (b)		S_{43}	S_{44}

Fig. 12.10. A Wavelet Tour of Signal Processing, 3rd ed. (a-c) Construction of a dyadic segmentation by successive subdivisions. (d) Quadtree representation of the segmentation. Each leaf of the tree indicates a square in the segmentation and can be represented with a binary string whose length is proportional to the depth of the tree.