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

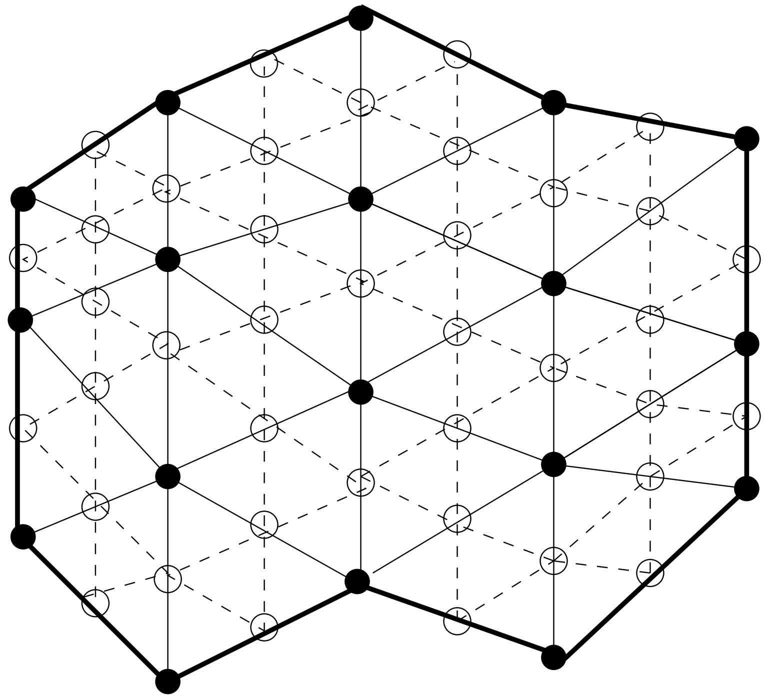

Figure 7.17: Black dots are the nodes of a triangulation grid $\mathcal{G}_{j+1}$ of a polygon domain D. This grid is refined with a subdivision, which adds a complementary grid $\mathcal{C}_{j+1}$ composed of all midpoints indicated with white circles. The finer grid is $\mathcal{G}_j = \mathcal{G}_{j+1} \cup \mathcal{C}_{j+1}$.