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

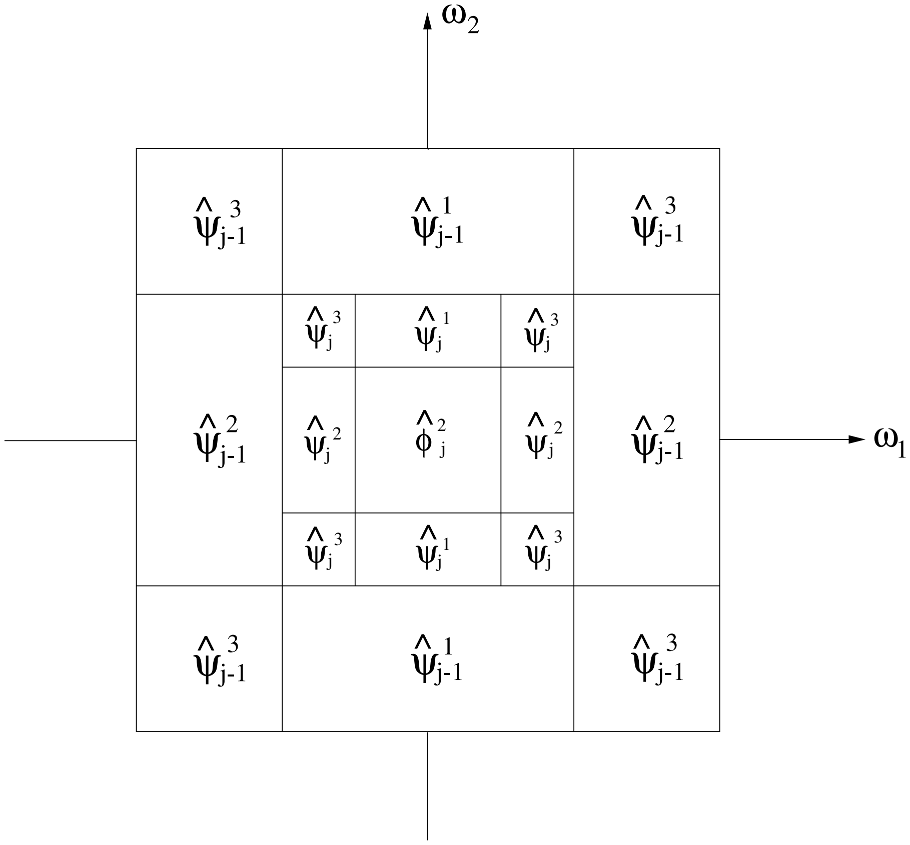

Figure 7.25: These dyadic rectangles indicate the regions where the energy of $\hat\psi^k_{j,n}$ is mostly concentrated, for $1 \leq k \leq 3$. Image approximations at the scale 2^j are restricted to the lower frequency square.