



Fig. 6.20. A Wavelet Tour of Signal Processing, 3rd ed. If ψ has n vanishing moments, in presence of a C^∞ perturbation the computed spectrum $\tilde{D}(\alpha)$ is identical to the true spectrum $D(\alpha)$ for $\alpha \leq \alpha_c$. Its support is reduced to $\{n\}$ for $\alpha > \alpha_c$.