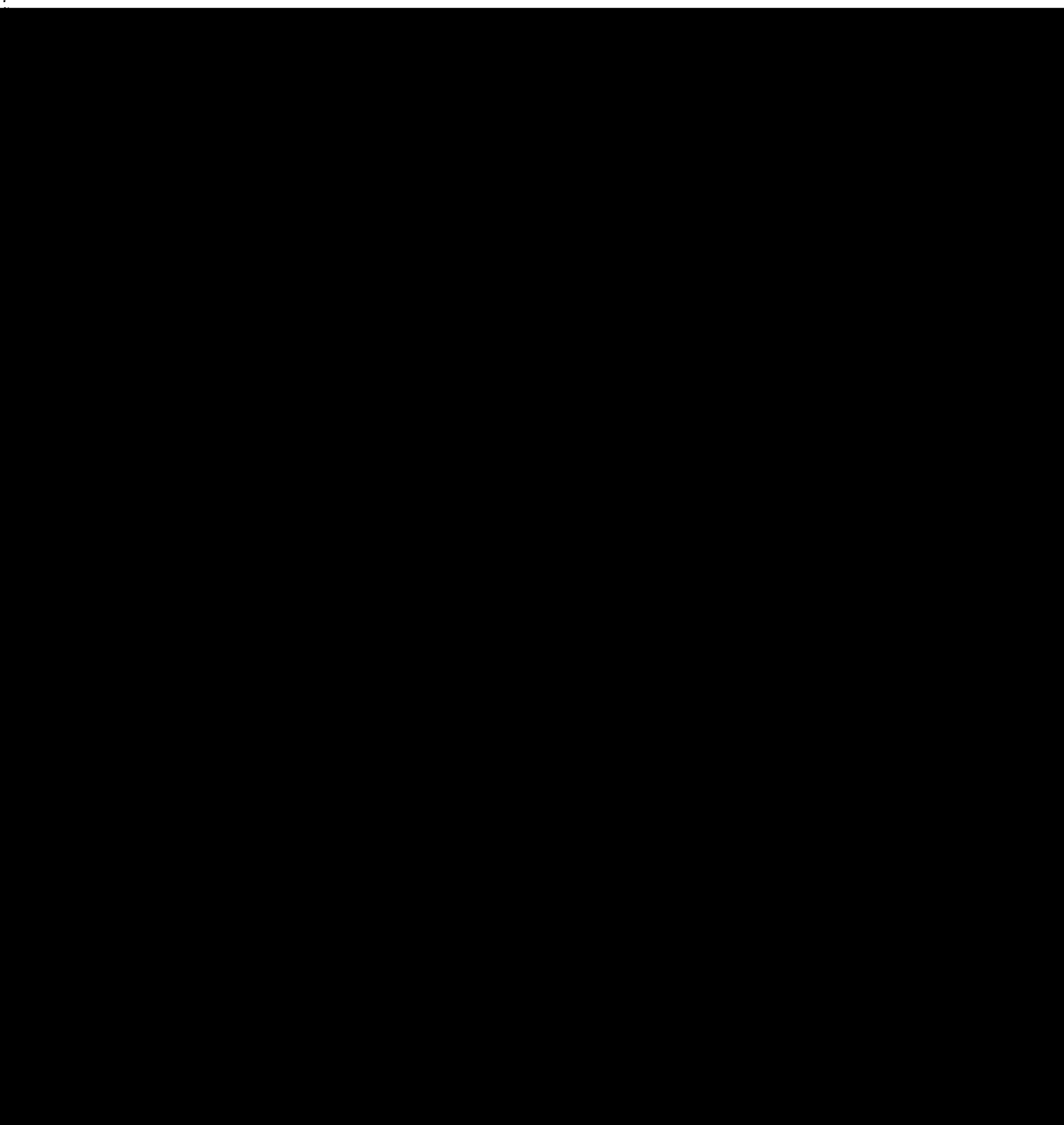
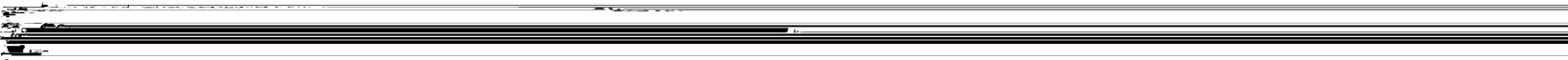
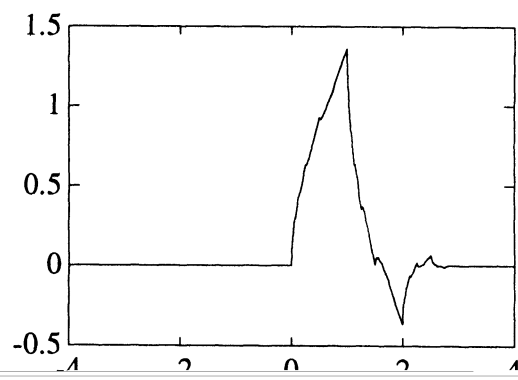
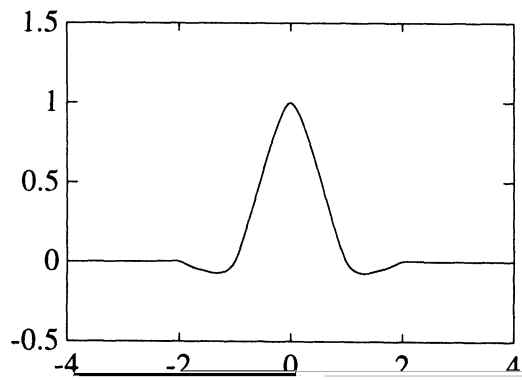
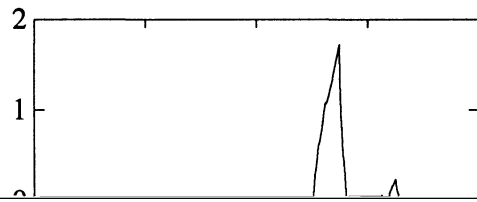
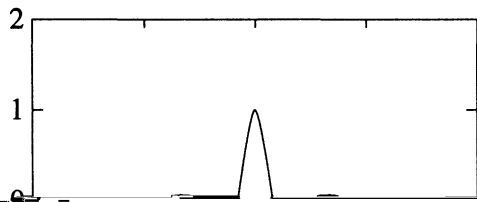


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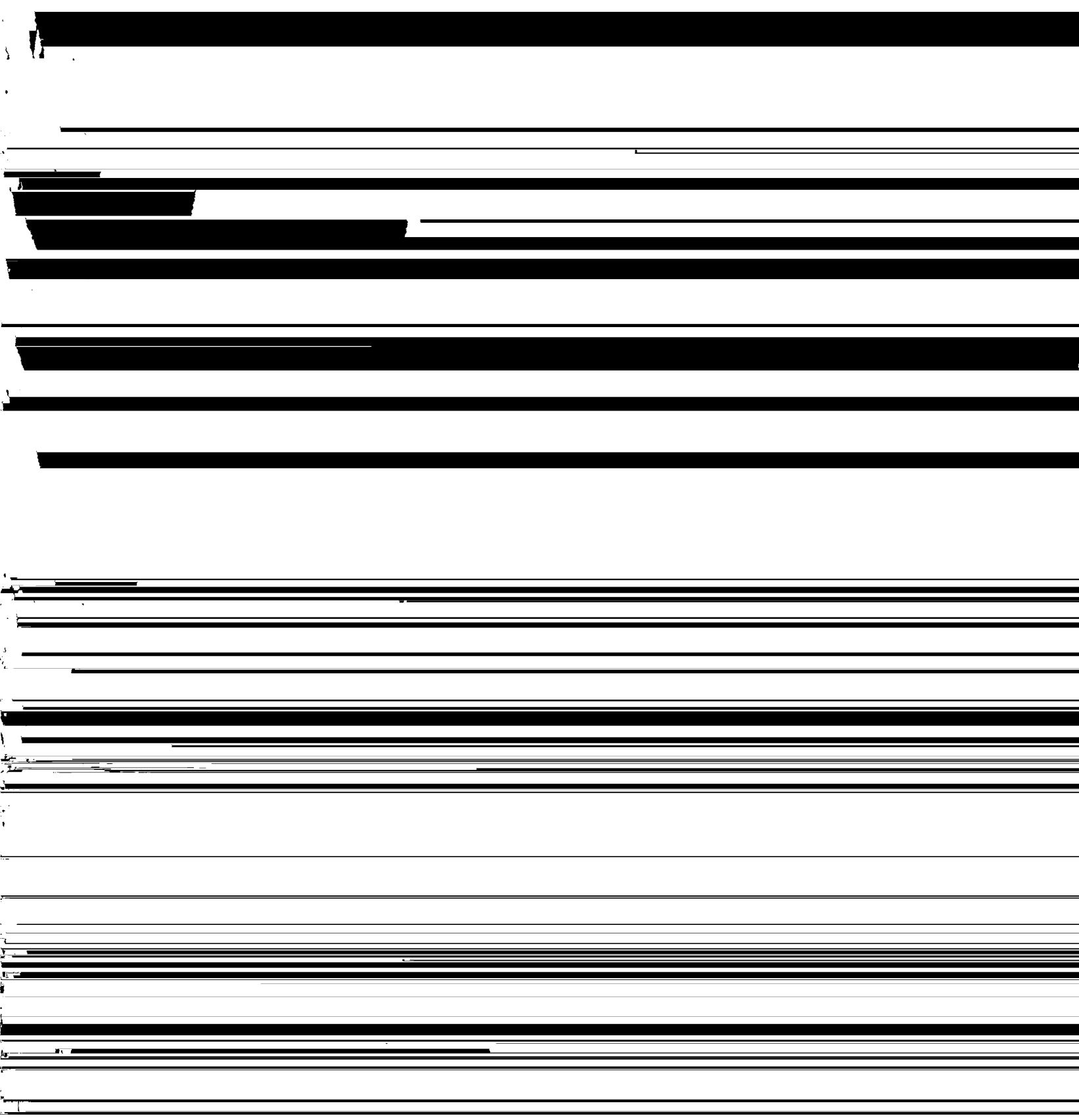
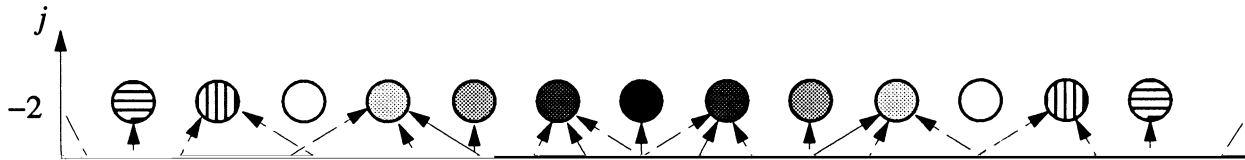


If we consider trigonometric polynomial solutions of (1.4), then from (1.2) and (1.4) follows that





-4 -2 0 2 4 -4 -2 0 2 4



In this case, (1.20) reduces to

$$F_L(x) = F_L(2x) + \sum_{k=1}^M \mathcal{P}_{2k-1}^L(0) (F_L(2x - 2k + 1) + F_L(2x + 2k - 1)), \quad (1.23)$$

As a result we have the following relation

$$r_k = a_k \sin \pi k / 2$$

of the wavelets per se [11]. The exact filters for the decomposition are the auto-correlation coefficients of

