$$\phi(t) \qquad \psi(t) \qquad \tilde{\phi}(t) \qquad \tilde{\psi}(t)$$

Fig. 7.15. A Wavelet Tour of Signal Processing, 3rd ed. Biorthogonal wavelets and scaling functions, with $p = 2$ and $\tilde{p} = 2$ (top row) and with $p = 4$ and $\tilde{p} = 4$ (bottom row).