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

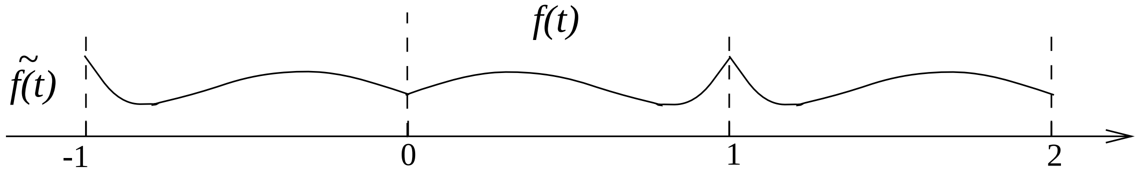

Figure 8.14: The function $\tilde{f}(t)$ is an extension of $f(t)$; it is symmetric about 0 and of period 2.