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

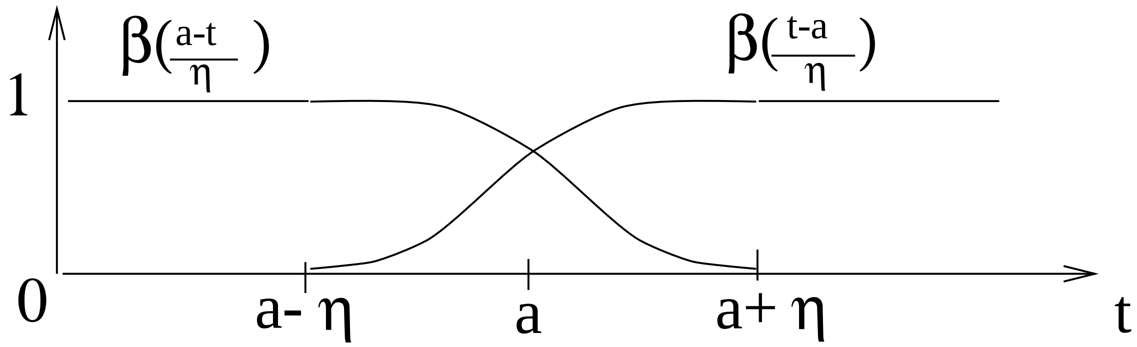

Figure 8.16: A multiplication with $\beta(\frac{t-a}{\eta})$ and $\beta(\frac{a-t}{\eta})$ restricts the support of functions to $[a-\eta, +\infty)$ and $(-\infty, a+\eta]$.