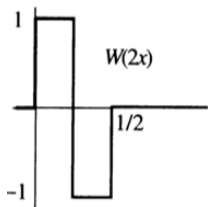


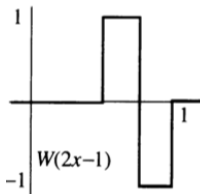
mother wavelet

$$\begin{bmatrix} 1 \\ 1 \\ -1 \\ -1 \end{bmatrix}$$



dilated

$$\begin{bmatrix} 1 \\ -1 \\ 0 \\ 0 \end{bmatrix}$$



translated

$$\begin{bmatrix} 0 \\ 0 \\ 1 \\ -1 \end{bmatrix}$$