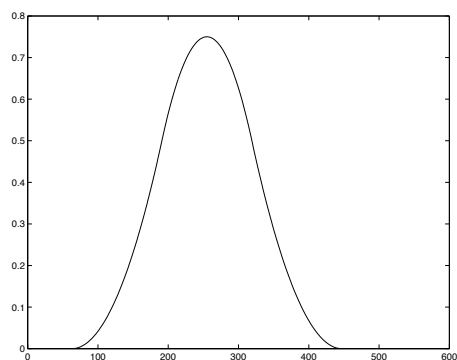


Aufgabe 12.2

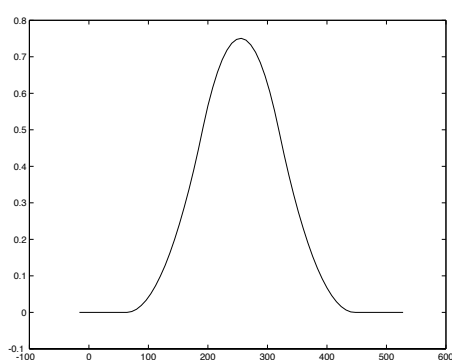
Wir wenden die schnelle Wavelet-Transformation mit den 7-9 Filtern auf den quadratischen B-Spline an, d.h.

$$\mathbf{c}^0 = N_3 \left(\frac{k-63}{128} \right)_{k=0}^{511}.$$

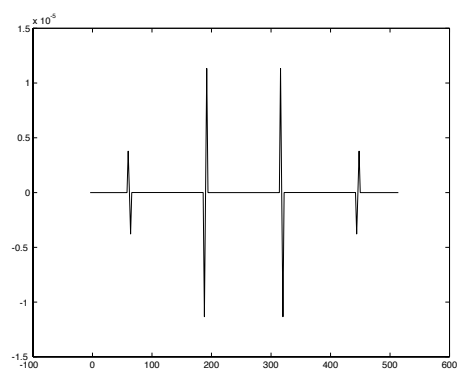
Wir erhalten:



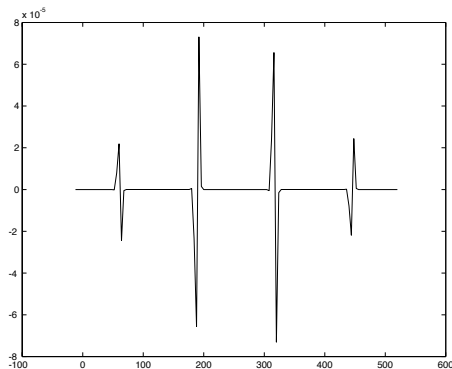
Originalvektor (in V_0)



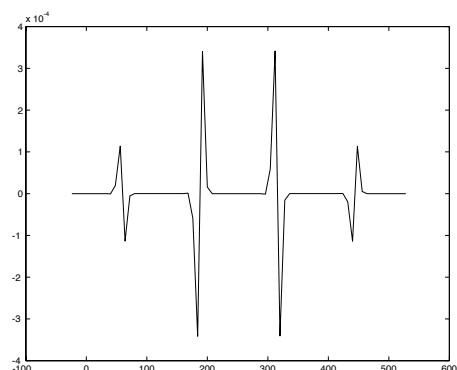
Anteil in V_{-3}



Waveletanteil in W_{-1}



Waveletanteil in W_{-2}



Waveletanteil in W_{-3}