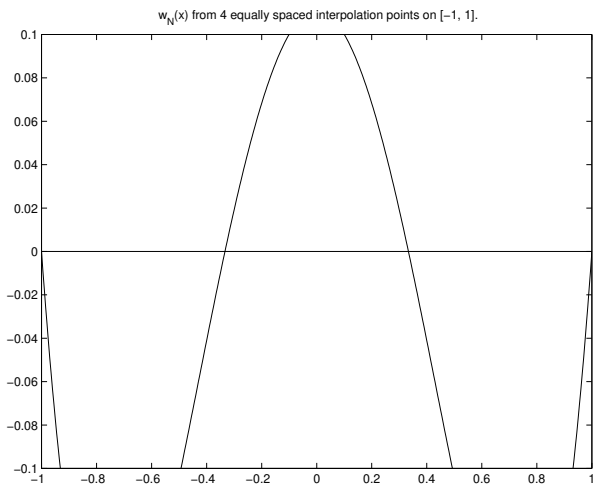
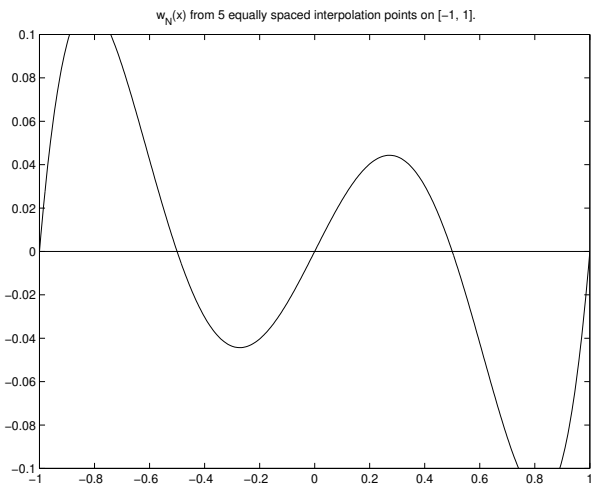
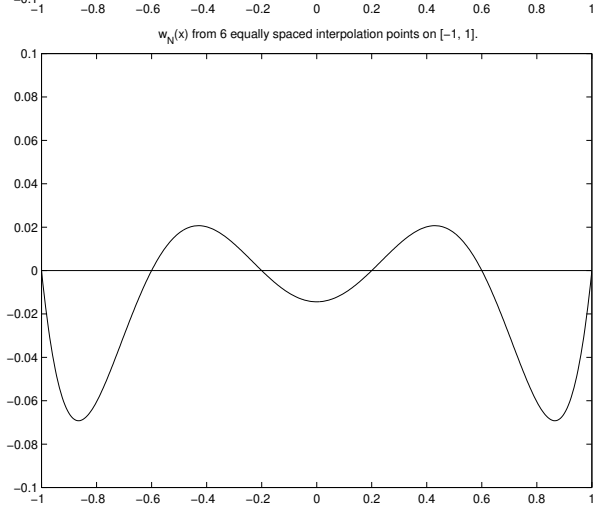
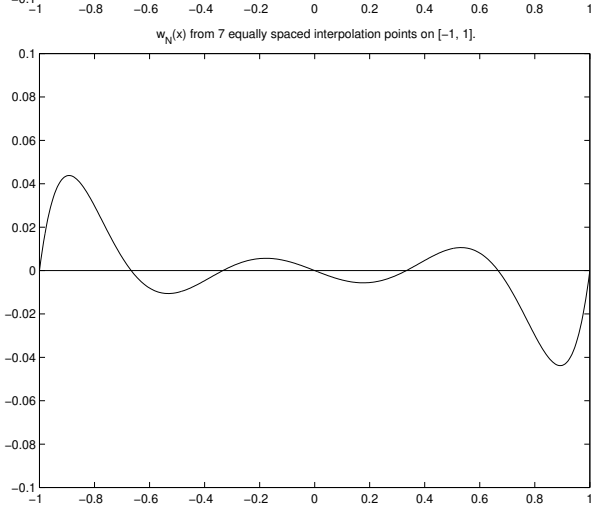
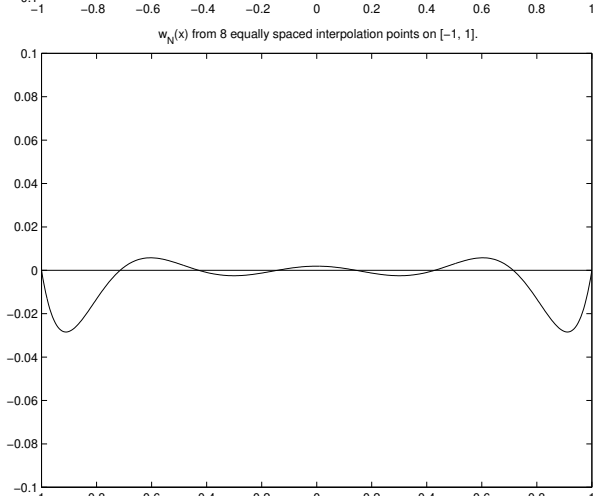
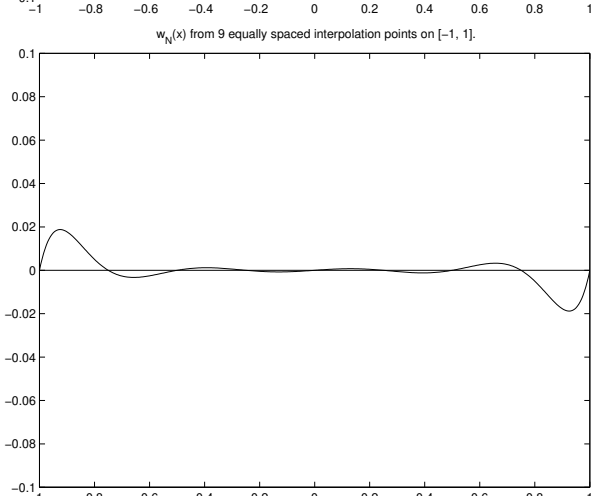
$w_N(x)$ for equally spaced nodes $\{x_i\}$ in $[-1, 1]$.

$w_N(x) = \Pi_{i=1}^{N}(x - x_i)$.