Figure 1: $\Omega(\lambda), \tilde{\Omega}_N(\lambda)$ with $N = 20, m = 6$ and $\theta = 1/7$.

Figure 2: $\Omega(\lambda), \tilde{\Omega}_N(\lambda)$ with $N = 20, m = 10$ and $\theta = 1/5$.

Figure 3: $a_+, \Omega(\lambda), a_-$ with $N = 20, m = 6, \theta = 1/7$ and $\varepsilon = 10^{-8}$.

Figure 4: $a_+, \Omega(\lambda), a_-$ with $N = 20, m = 6, \theta = 1/7$ and $\varepsilon = 10^{-12}$.

Figure 5: $a_+, \Omega(\lambda), a_-$ with $N = 20, m = 10, \theta = 1/5$ and $\varepsilon = 10^{-8}$.

Figure 6: $a_+, \Omega(\lambda), a_-$ with $N = 20, m = 10, \theta = 1/5$ and $\varepsilon = 10^{-12}$.