

Experimental Results

Below are some of the experimental results that lead to the observation that is presented in the next section

λ	M	N	Roots
4	0	2	0.2, Asymptotic Behaviour down at 0.2
7	0	2	0.3, 0.1, Asymptotic Behaviour up at 0.1
15	0	2	0.45, 0.2, 0.1, Asymptotic Behaviour down at 0.1
17	0	2	0.47, 0.22, 0.1, Asymptotic behaviour up at 0.05
22	0	2	0.5, 0.27, 0.12, 0.05, Asymptotic behaviour at 0.03

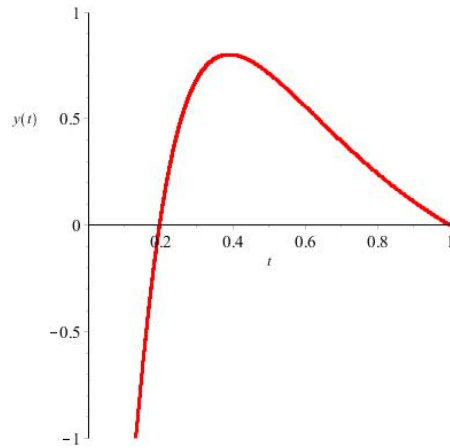


Figure 1: $N = 2$, $M = 0$, and $\lambda = 4$

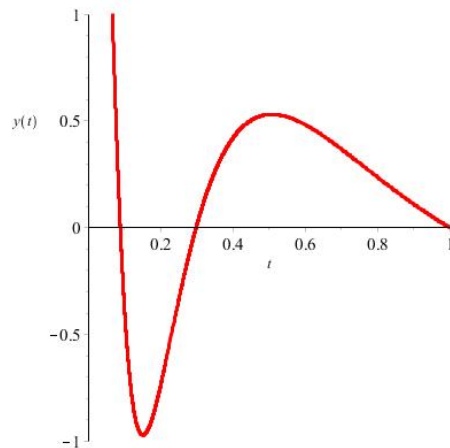


Figure 2: $N = 2$, $M = 0$, and $\lambda = 7$

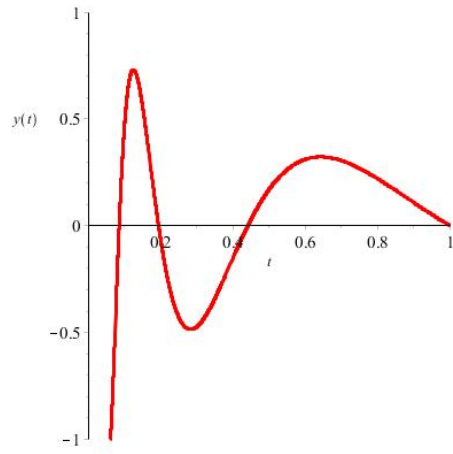


Figure 3: $N = 2$, $M = 0$, and $\lambda = 15$

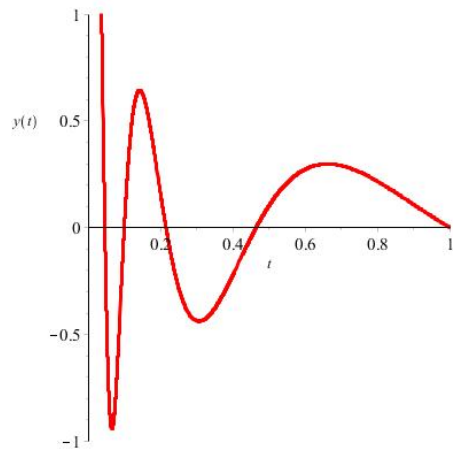


Figure 4: $N = 2$, $M = 0$, and $\lambda = 17$

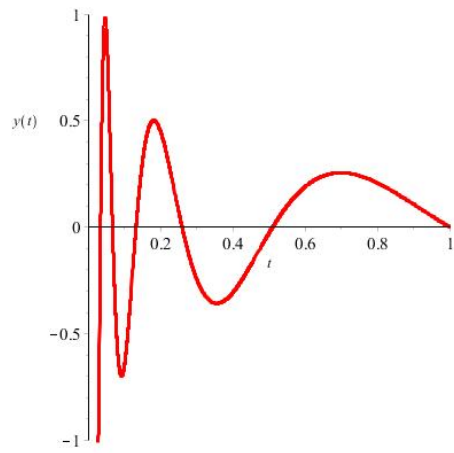


Figure 5: $N = 2$, $M = 0$, and $\lambda = 22$