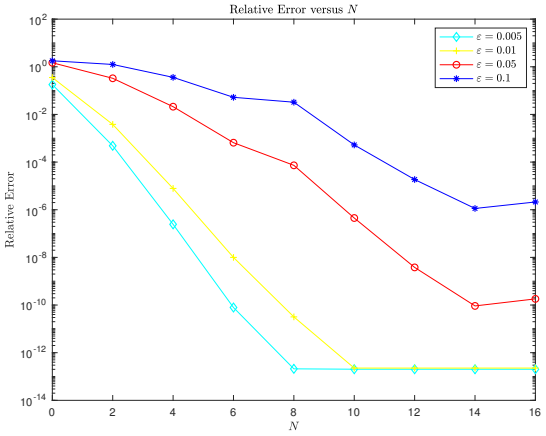
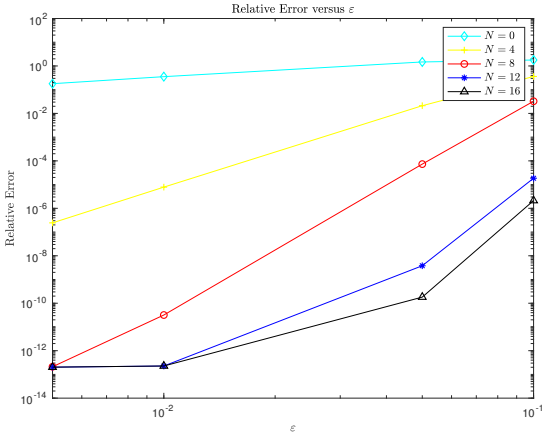
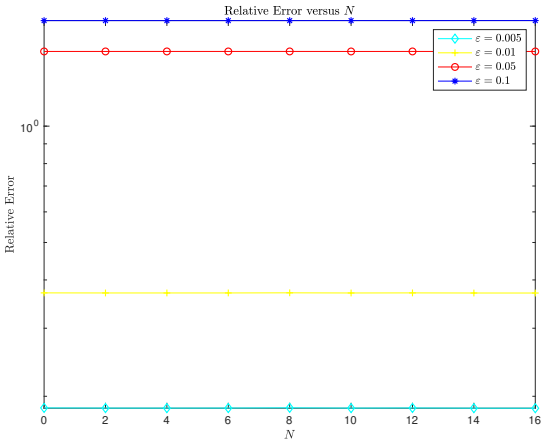
Convergence Study—Numerical results
DNO, $G[U]$



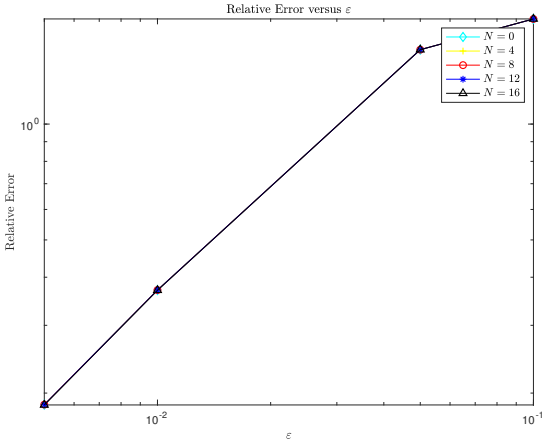
(a) DNO with $a = 0.5$.



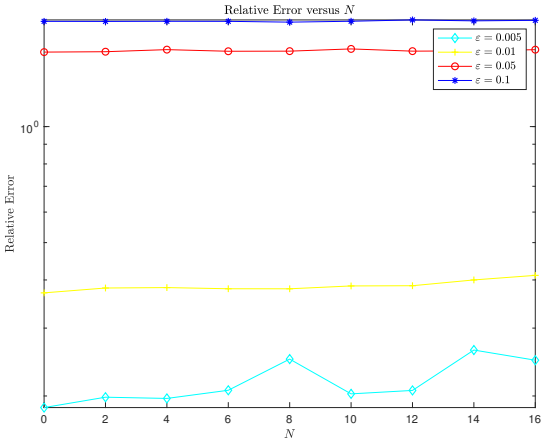
(b) DNO with $a = 0.5$.



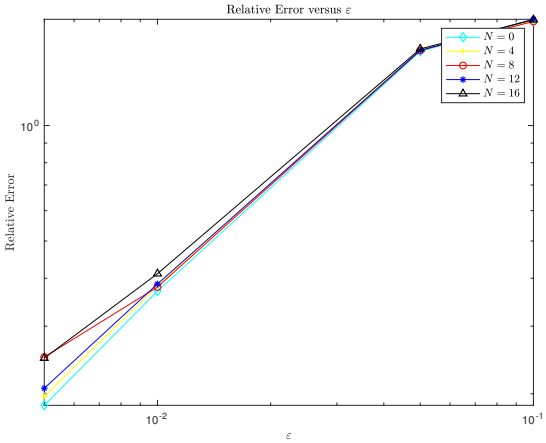
(c) DNO with $a = 1 - 10^{12}$.



(d) DNO with $a = 1 - 10^{12}$.

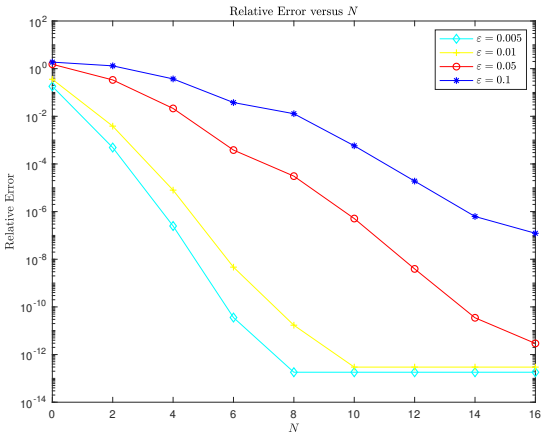


(e) DNO with $a = 1 - 10^{16}$.

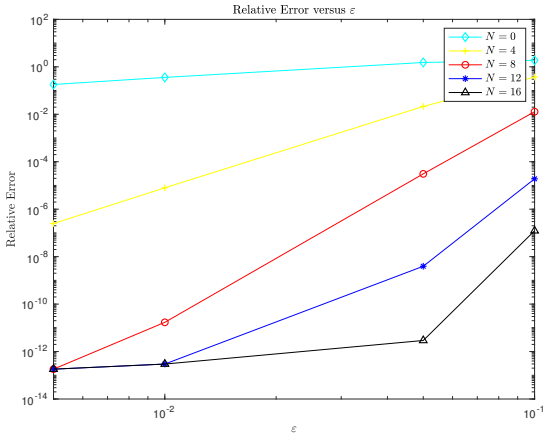


(f) DNO with $a = 1 - 10^{16}$.

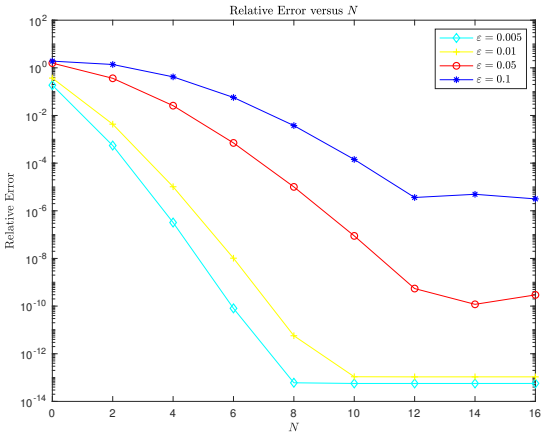
IIO, $I[U]$



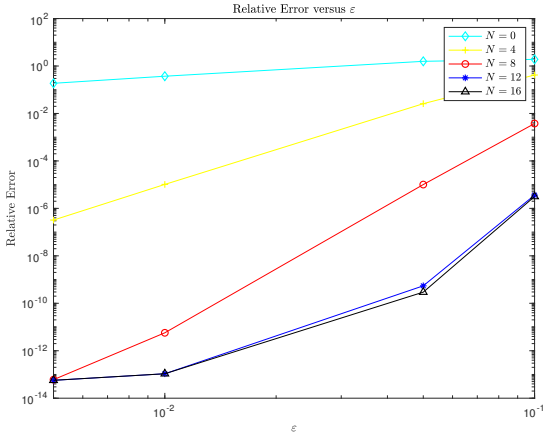
(g) IIO with $a = 0.5$.



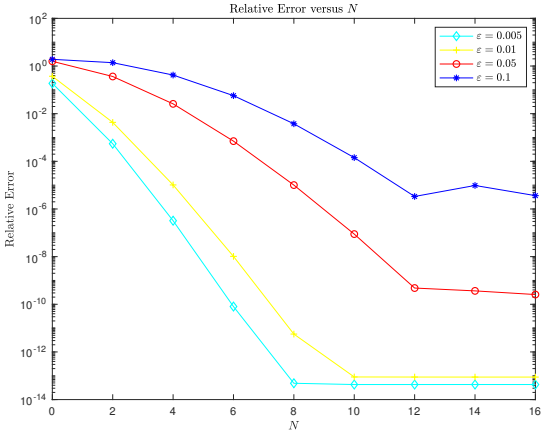
(h) IIO with $a = 0.5$.



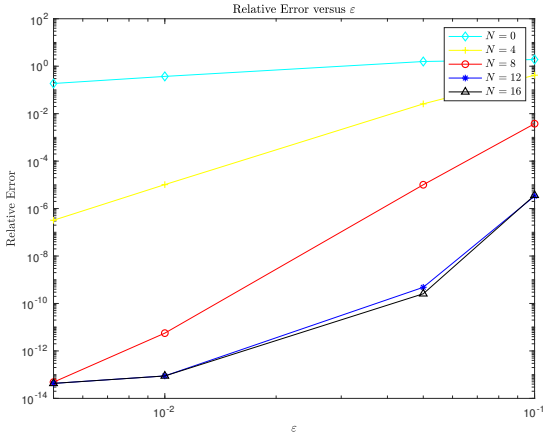
(i) IIO with $a = 1 - 10^{12}$.



(j) IIO with $a = 1 - 10^{12}$.

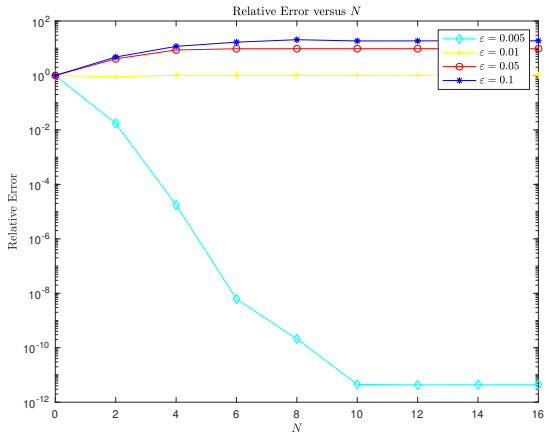


(k) IIO with $a = 1 - 10^{16}$.

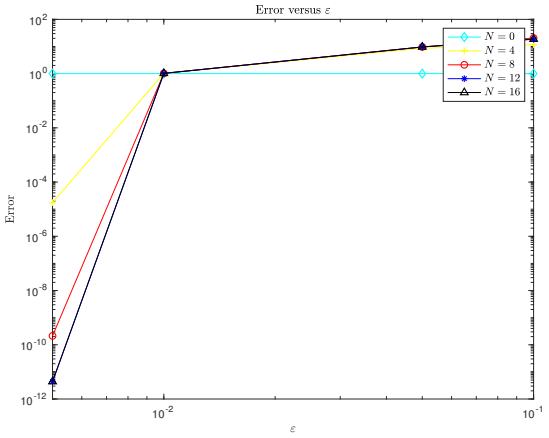


(l) IIO with $a = 1 - 10^{16}$.

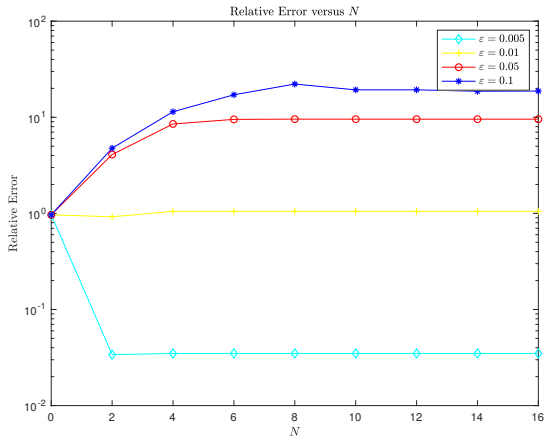
new IIO, $I[U]$, relative error



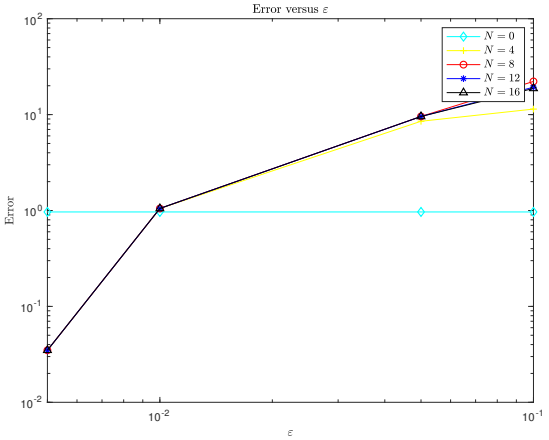
(m) new IIO with $a = 0.5$.



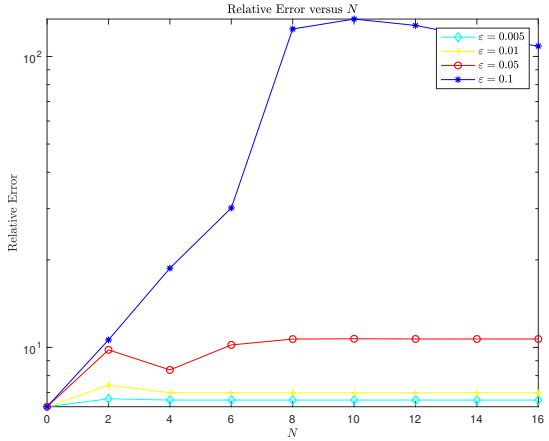
(n) new IIO with $a = 0.5$.



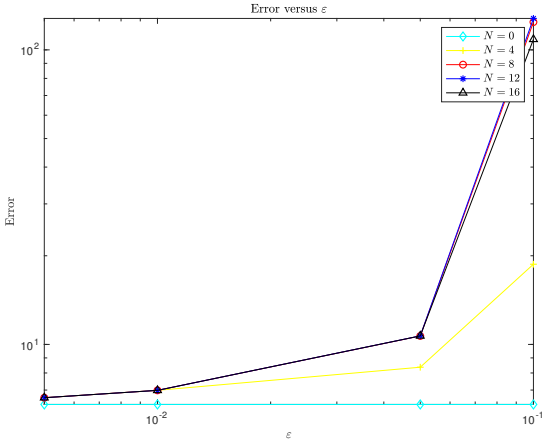
(o) new IIO with $a = 1 - 10^{12}$.



(p) new IIO with $a = 1 - 10^{12}$.

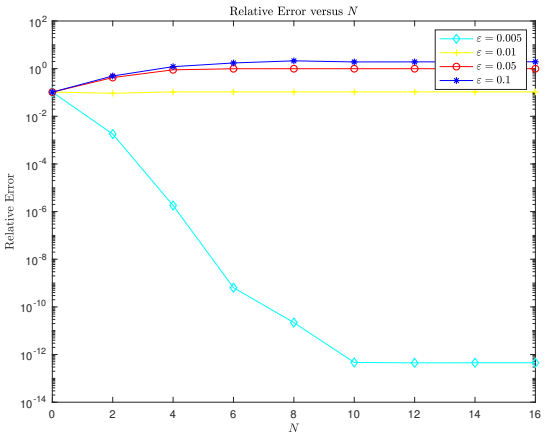


(q) new IIO with $a = 1 - 10^{16}$.

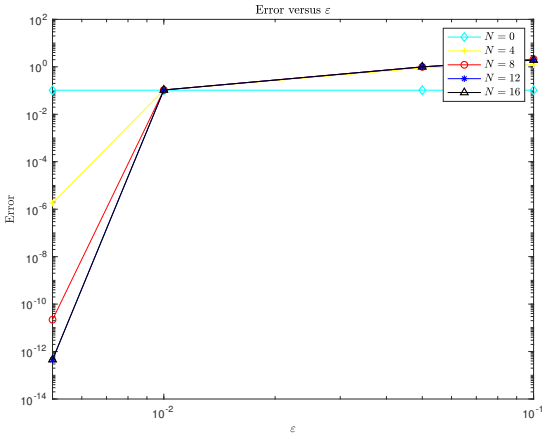


(r) new IIO with $a = 1 - 10^{16}$.

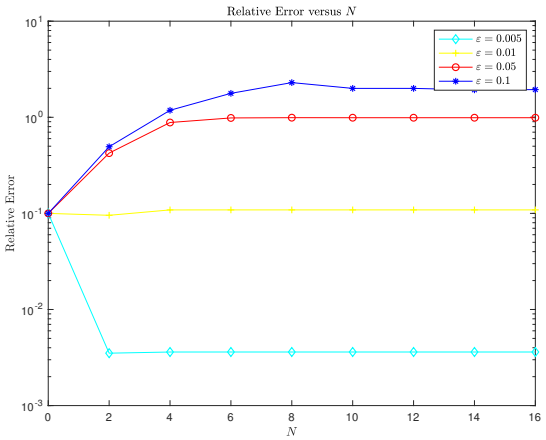
new IIO, $I[U]$, absolute error



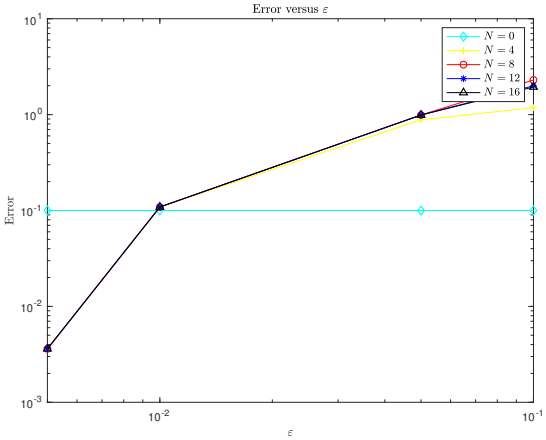
(s) new IIO with $a = 0.5$.



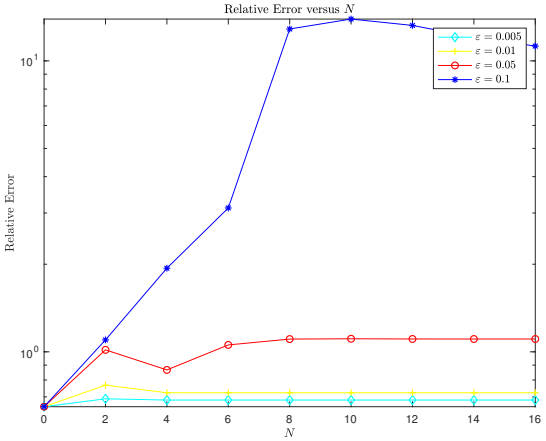
(t) new IIO with $a = 0.5$.



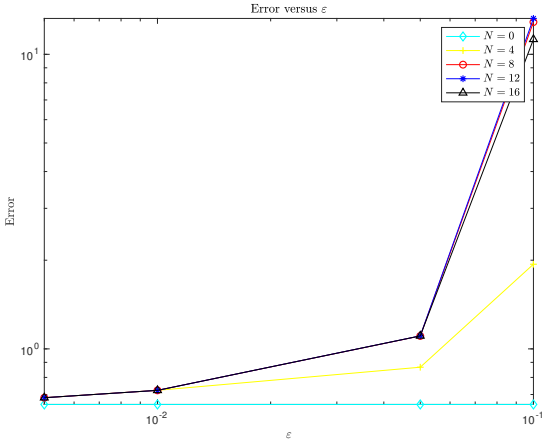
(u) new IIO with $a = 1 - 10^{12}$.



(v) new IIO with $a = 1 - 10^{12}$.



(w) new IIO with $a = 1 - 10^{16}$.



(x) new IIO with $a = 1 - 10^{16}$.