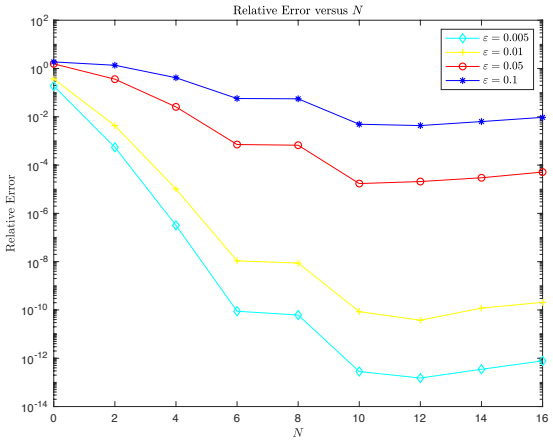
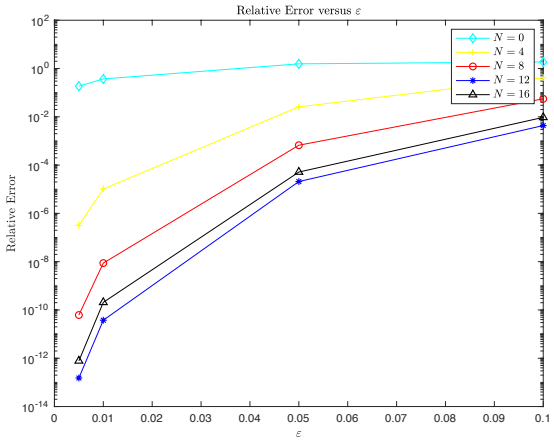
Pick a=1, the first positive zero of Bessel function at order=2 is k_w=5.13562230184068

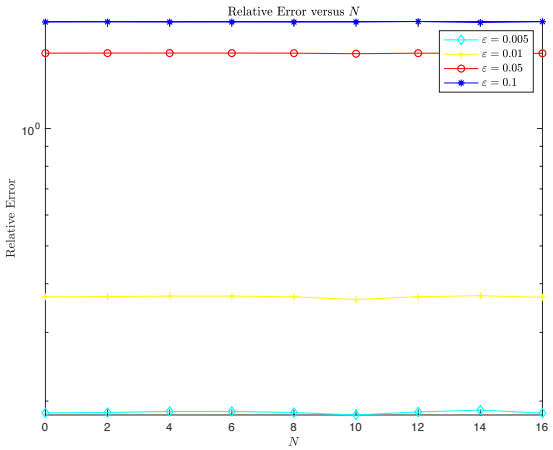
3 operators: DNO, IIO with eta=3.4, IIO_new with S0=Q0=0 (special choices of Y and Z)
3 k_w (radius a=1): Non-zero Bessel, the root+10^(-12), the root+10^(-16)
Only the outer layer (DNO on U, IIO on U)

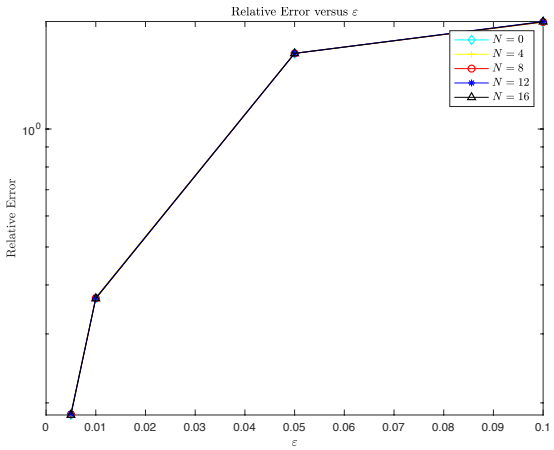
DNO
Non-zero Bessel



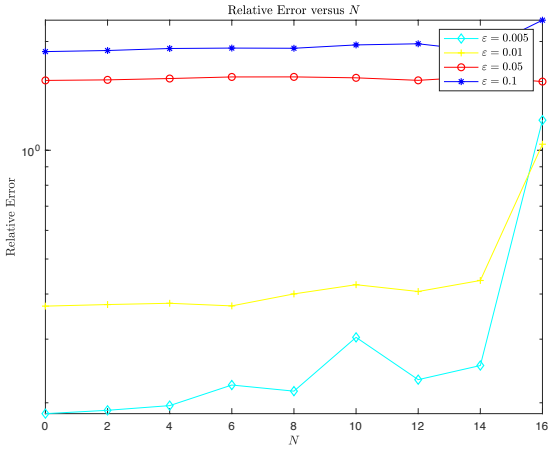


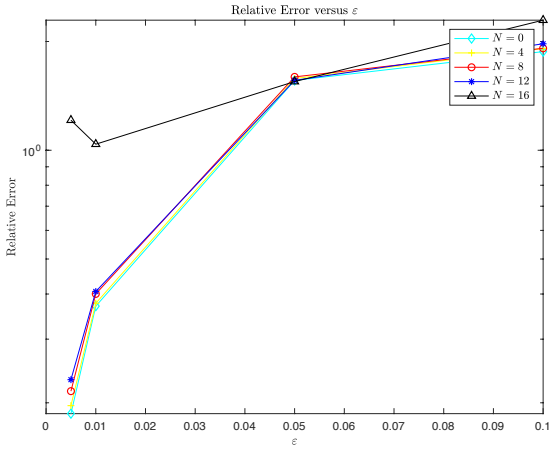
root+10^(-12)





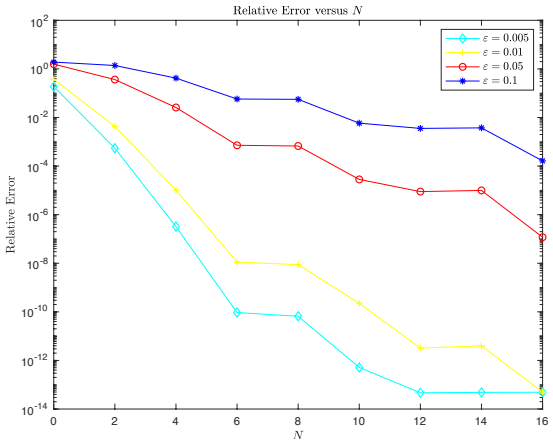
root+10^(-16)

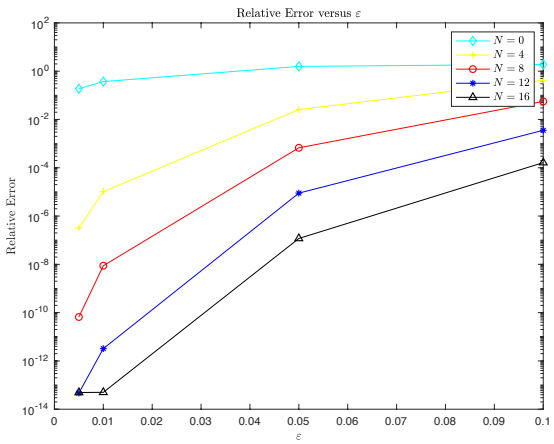




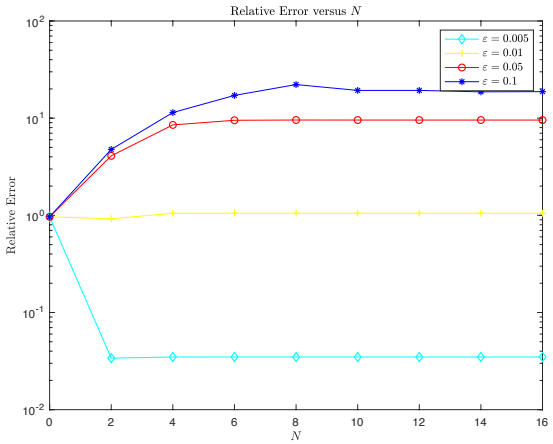
IIO

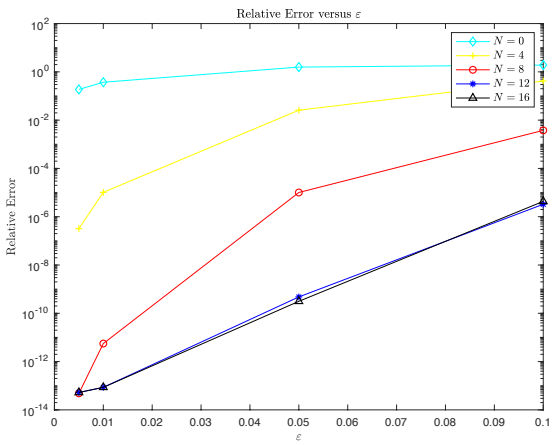
Non-zero Bessel



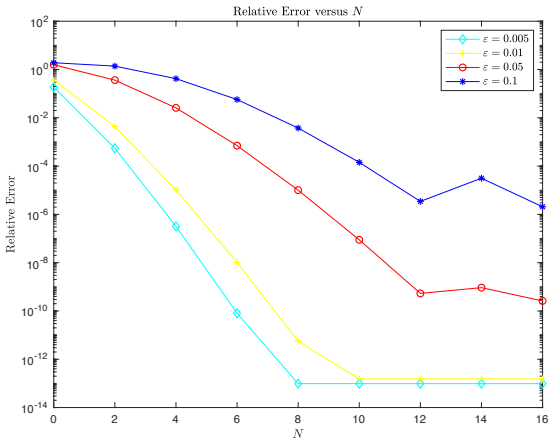


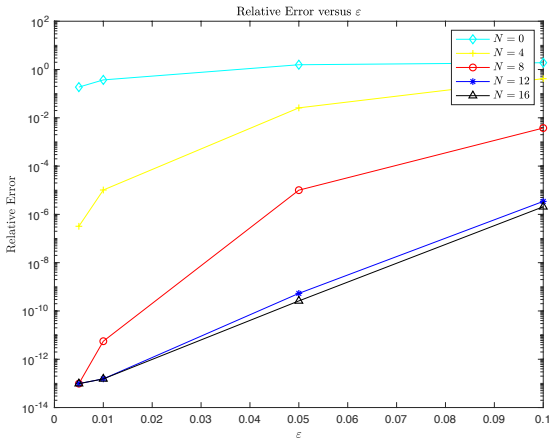
root+10^(-12)



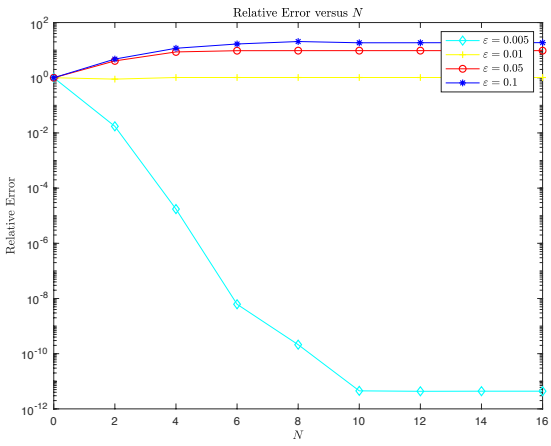


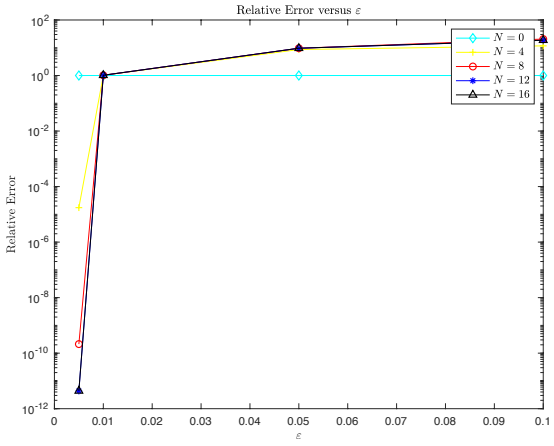
root+10^(-16)



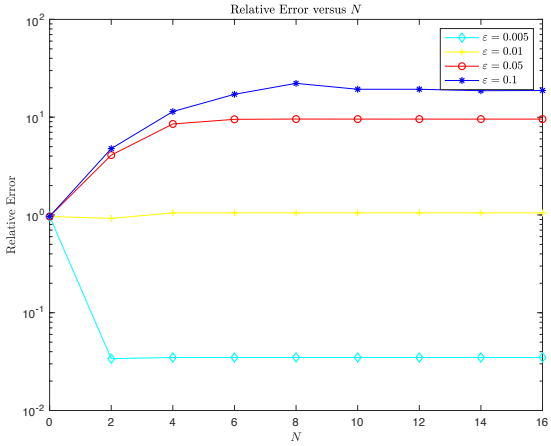


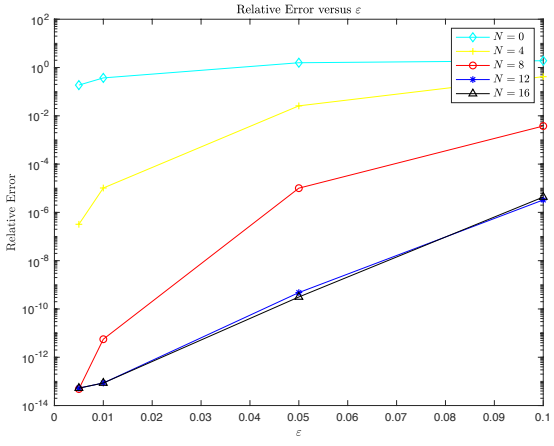
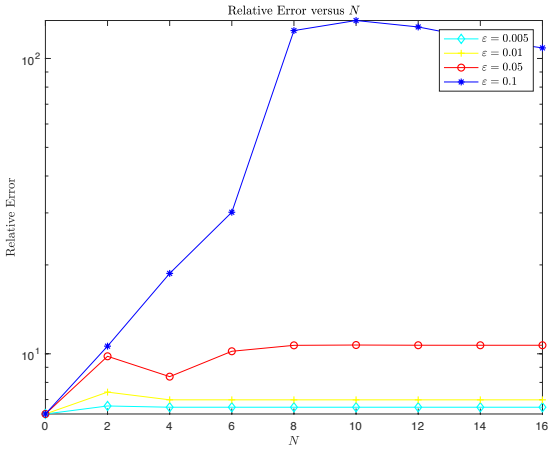
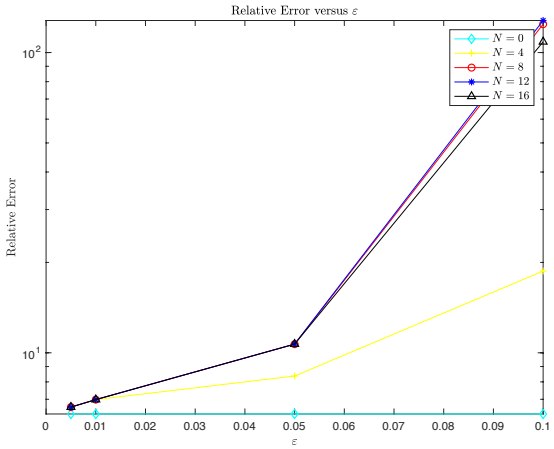
IIO_new
Non-zero Bessel





root+10^(-12)





root+10^(-16)