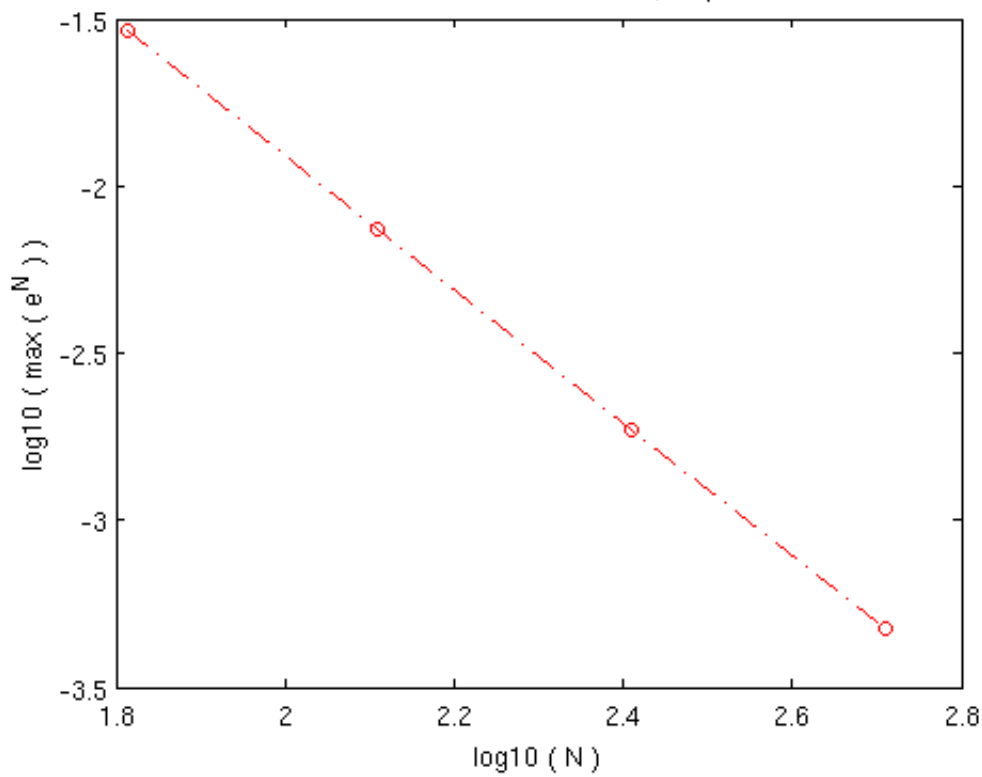
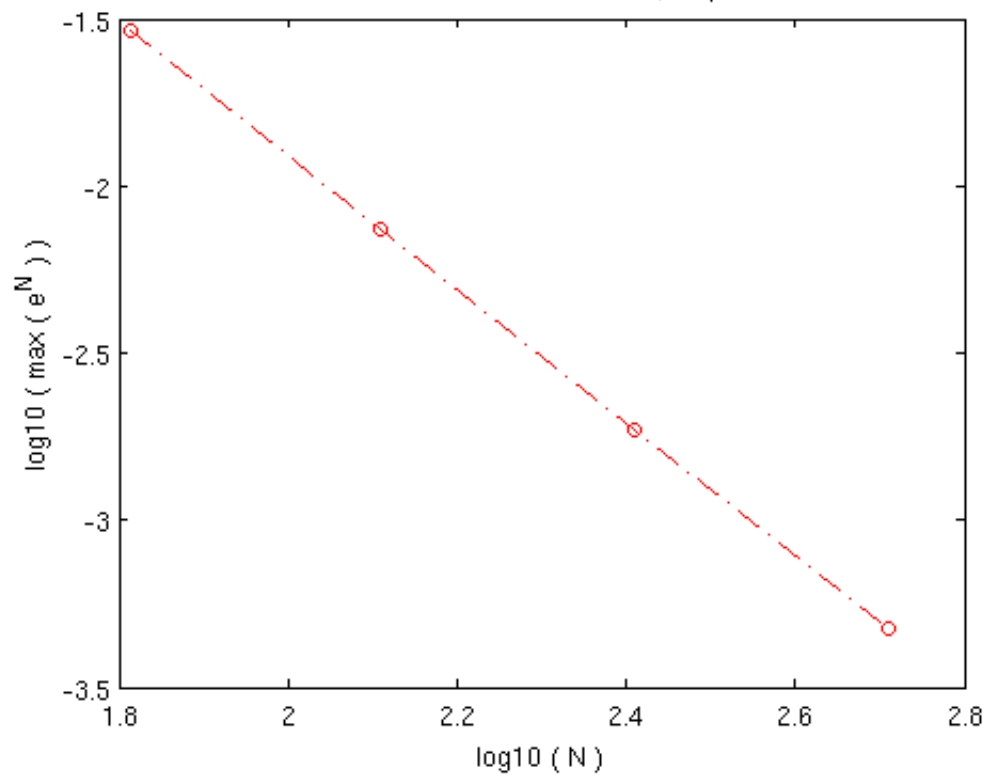


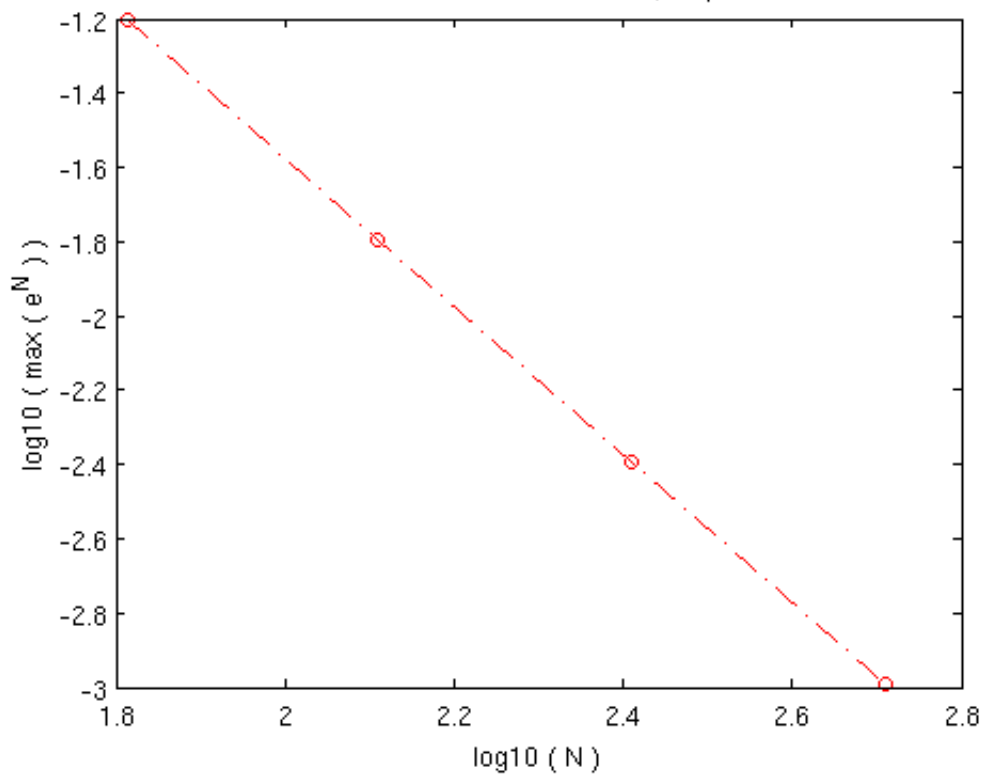
Discretization error of the PDE for A1, slope = -1.9943



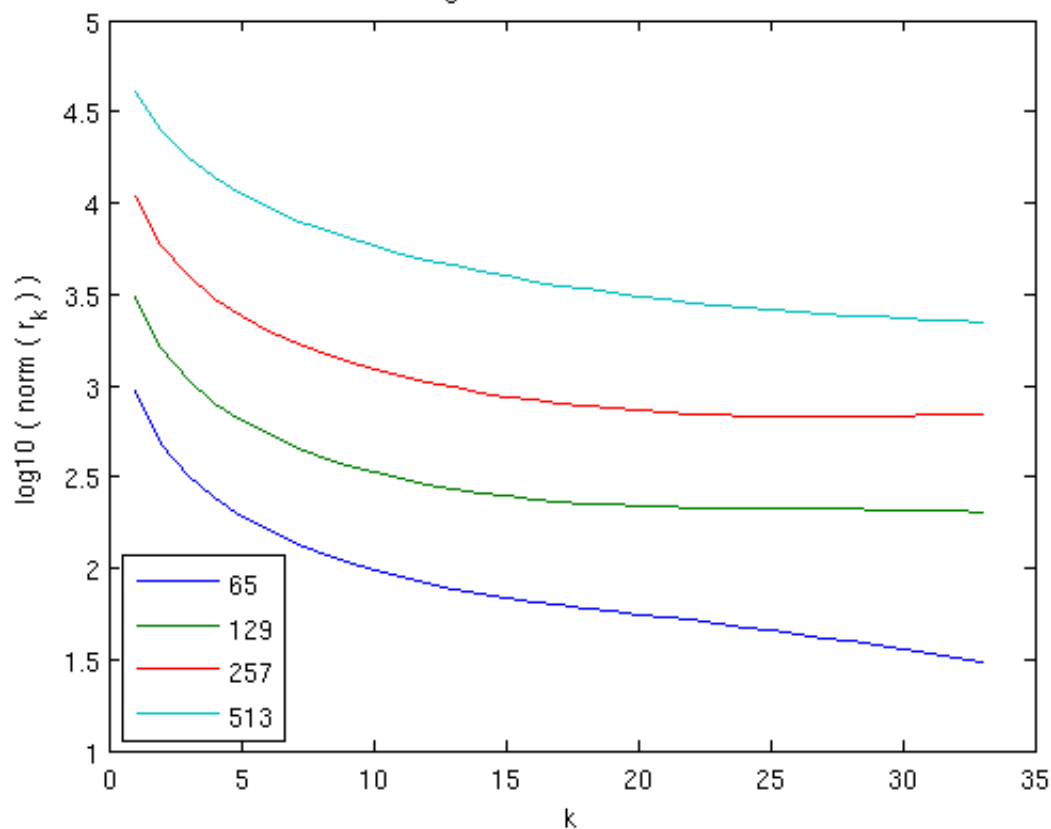
Discretization error of the PDE for A2, slope = -1.9943



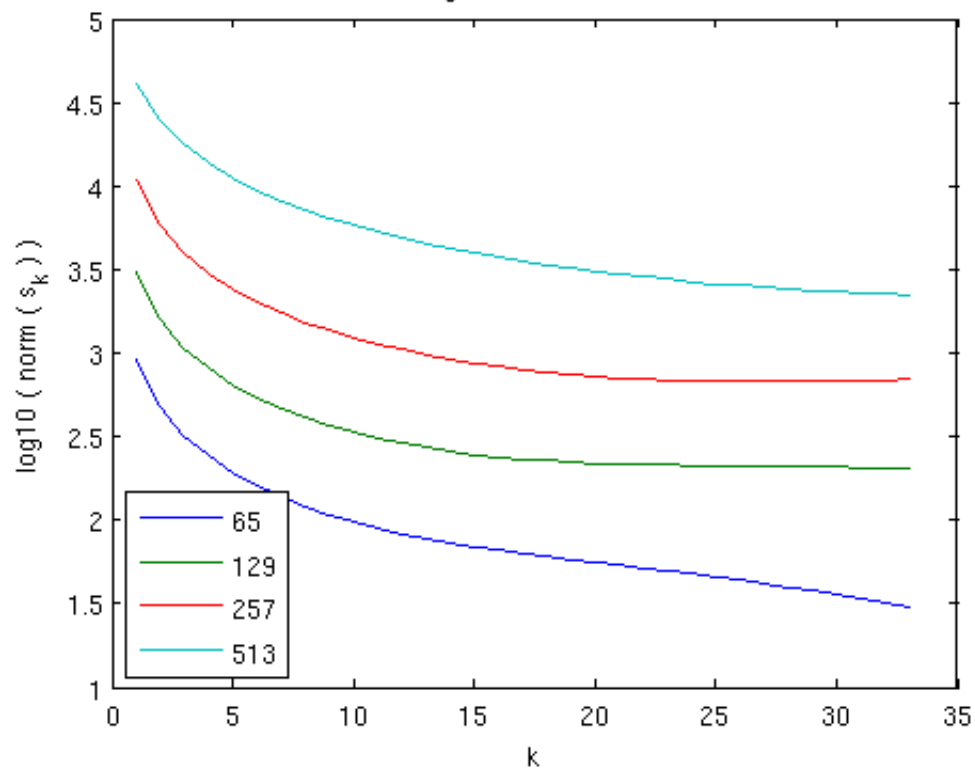
Discretization error of the PDE for A3, slope = -1.9924



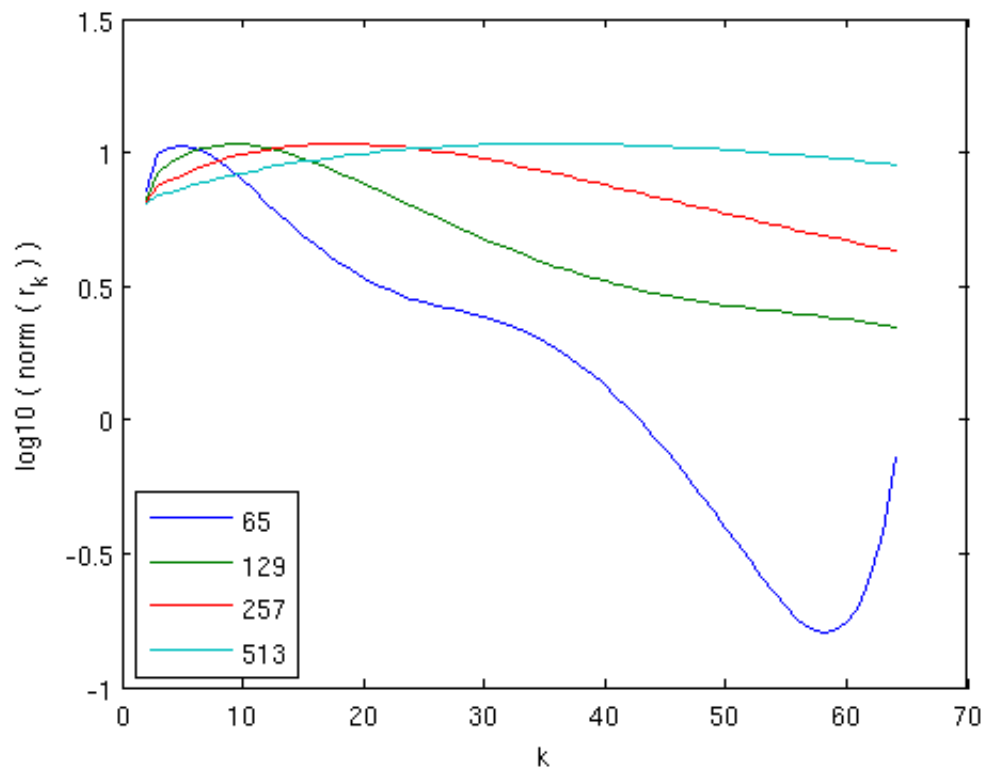
L2 norm of the Biorthogonal CG residual 1 value at each iteration



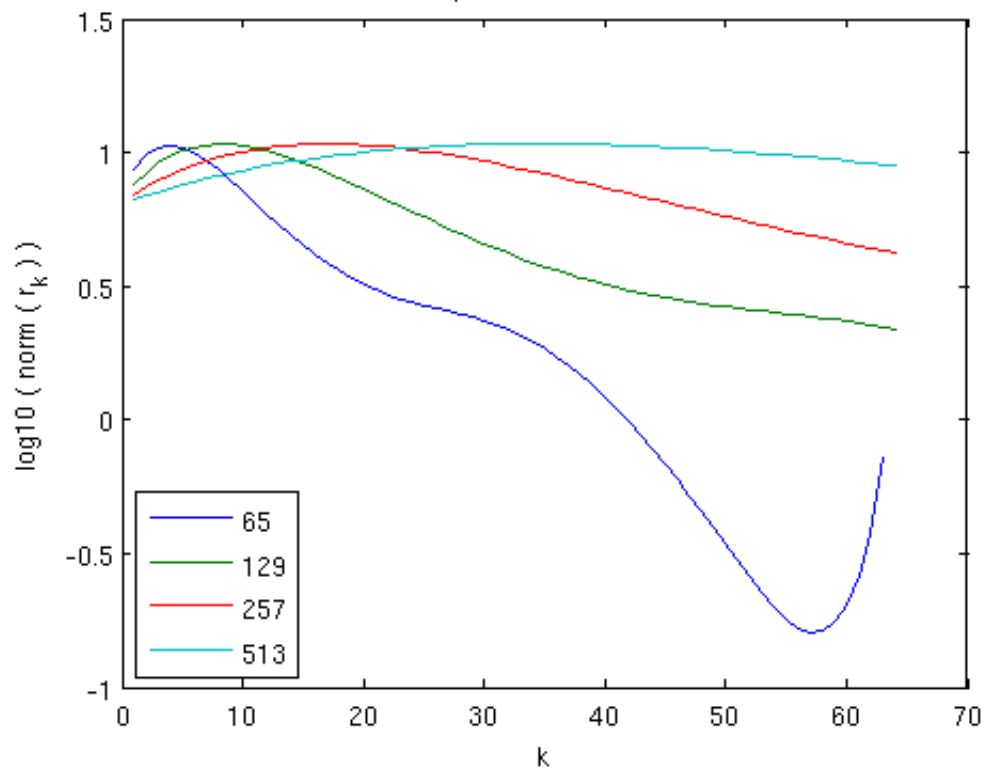
L2 norm of the Biorthogonal CG residual 2 at each iteration



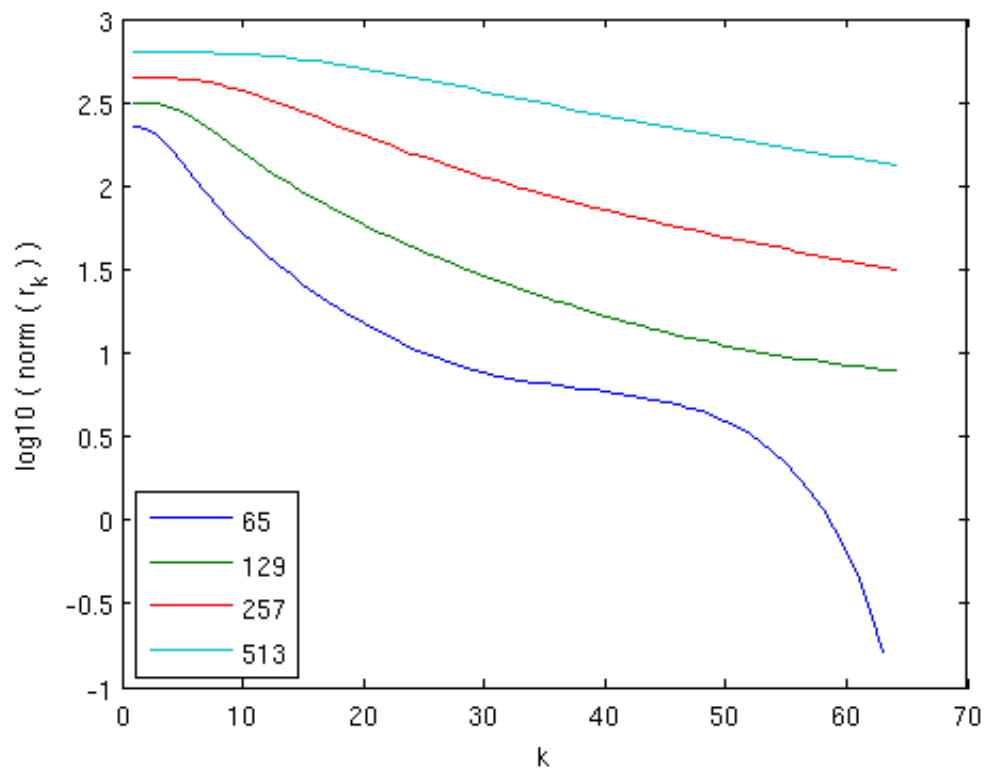
L2 norm of the CG Lanczos residual at each iteration



L2 norm of the CG Steepest Descent residual at each iteration

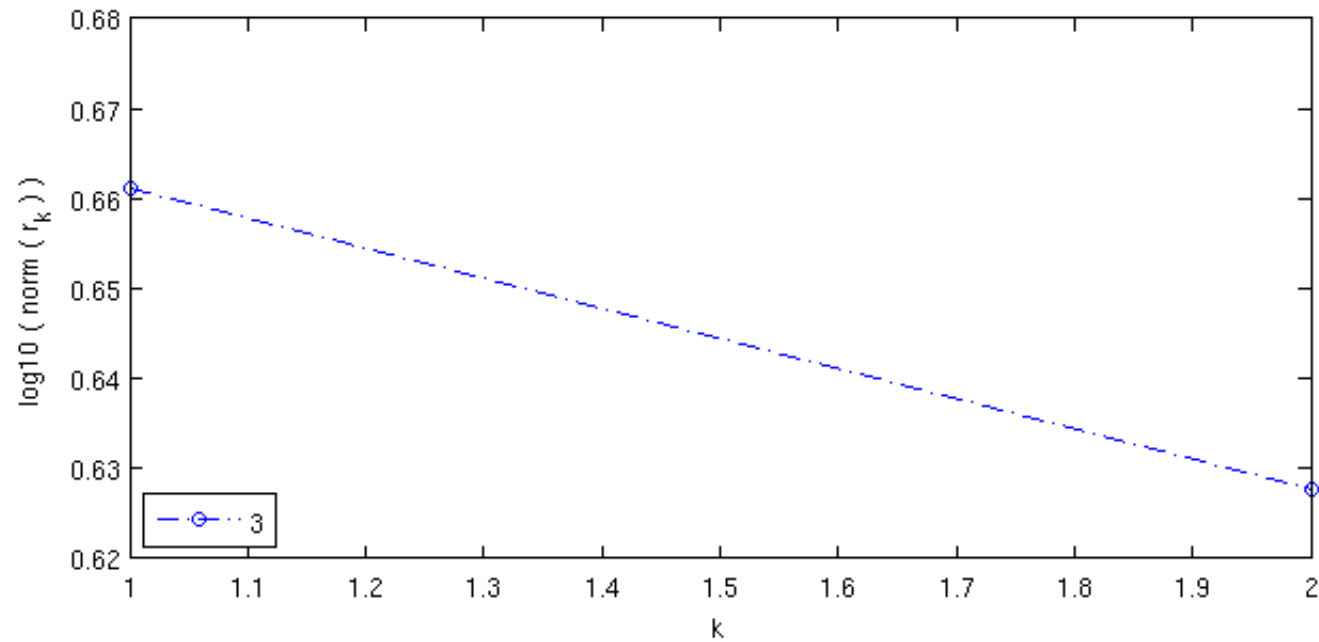


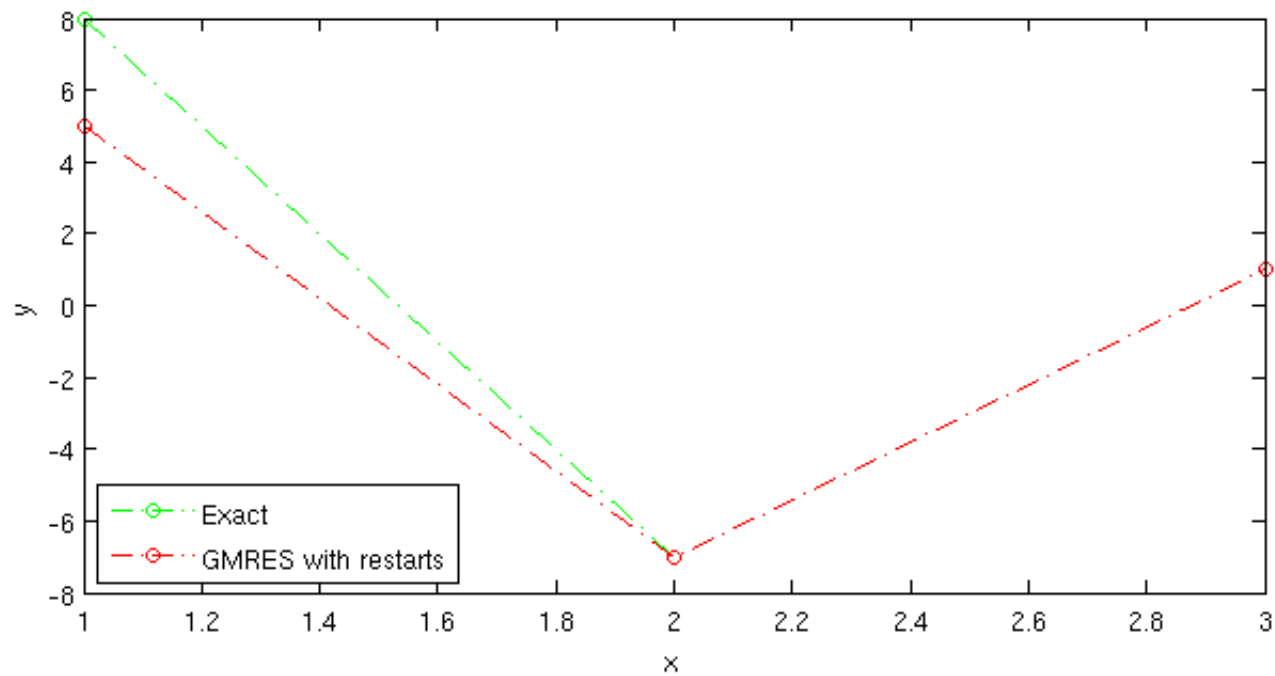
L2 norm of the GMRES residual at each iteration



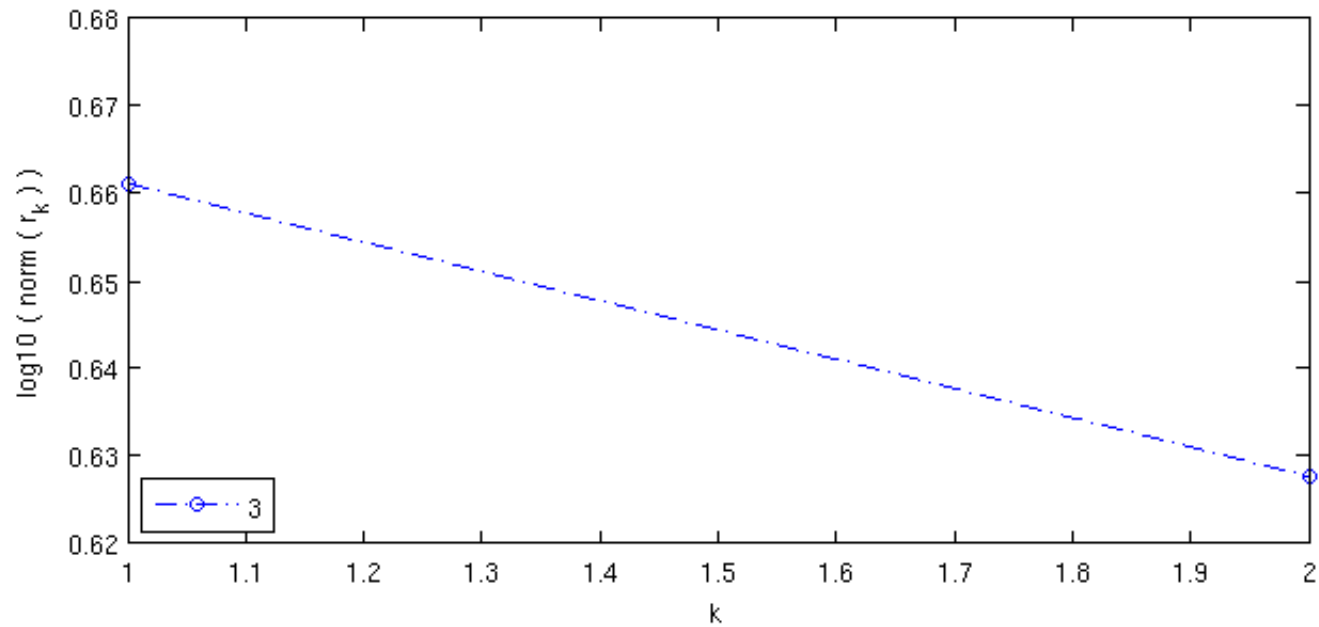


L2 norm of the GMRES(1) with restarts residual at each iteration

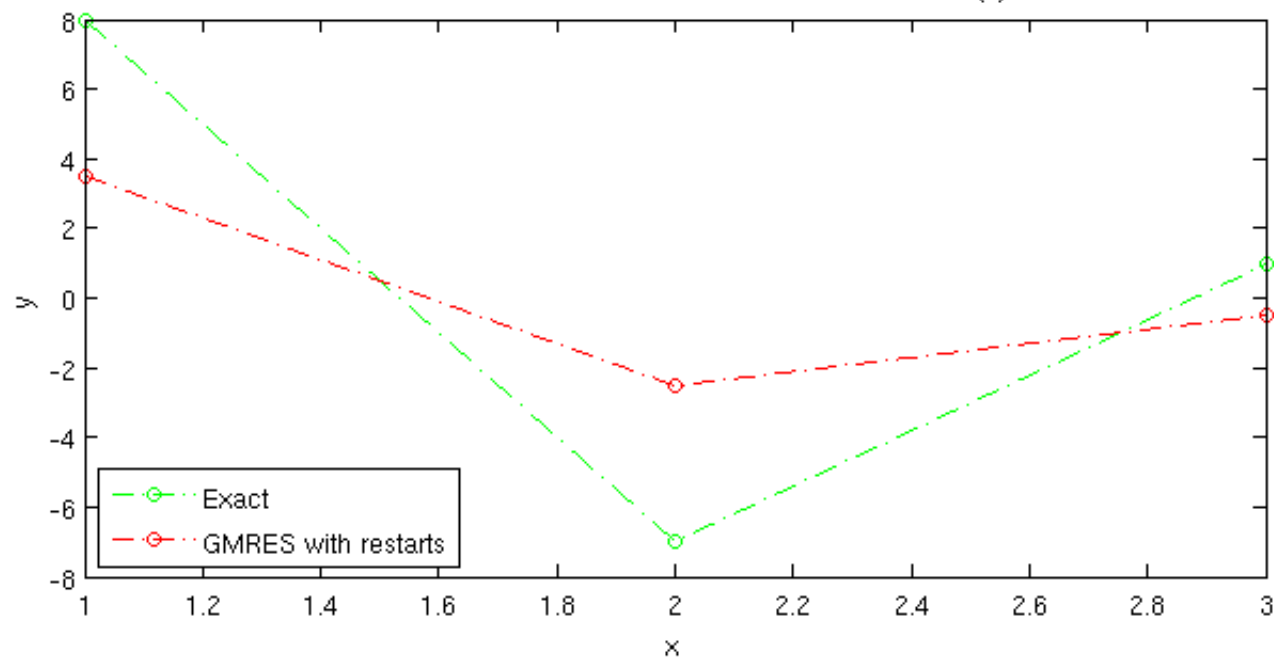




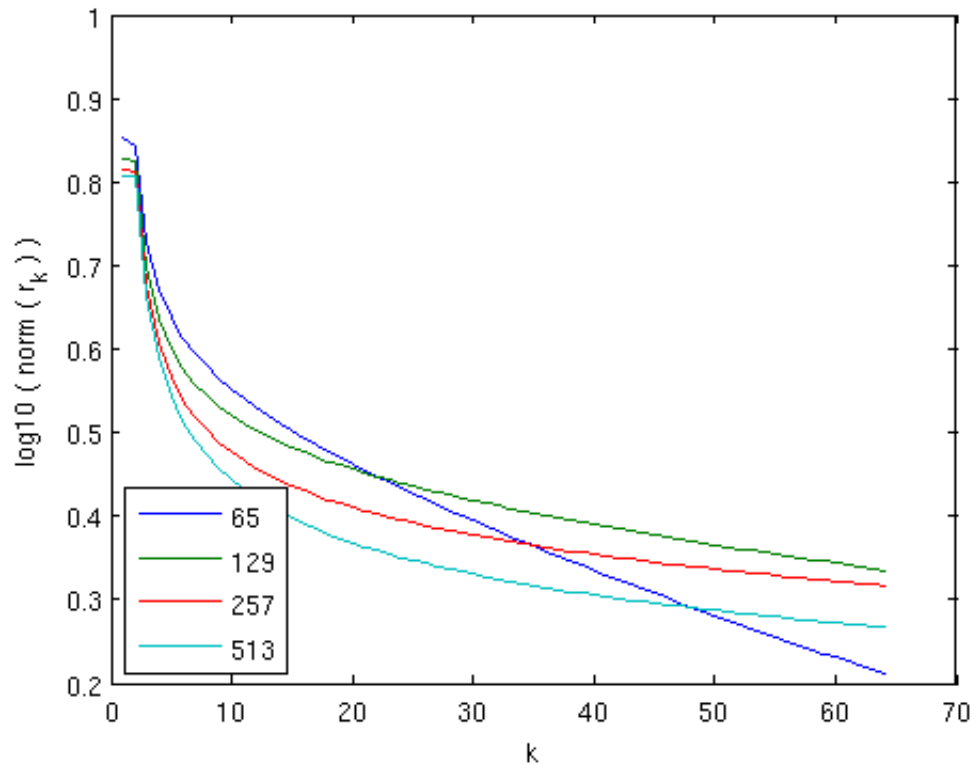
L2 norm of the GMRES(2) with restarts residual at each iteration



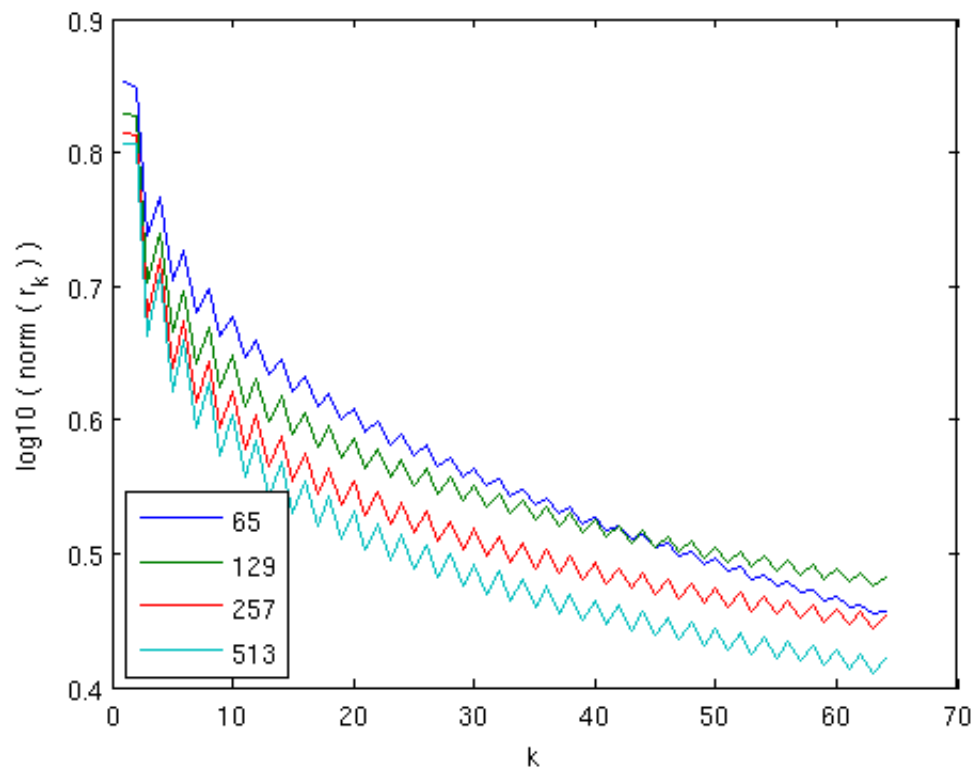
Solution to  $Ax=b$  at iteration  $k=2$  for  $N=3$  with GMRES(2)



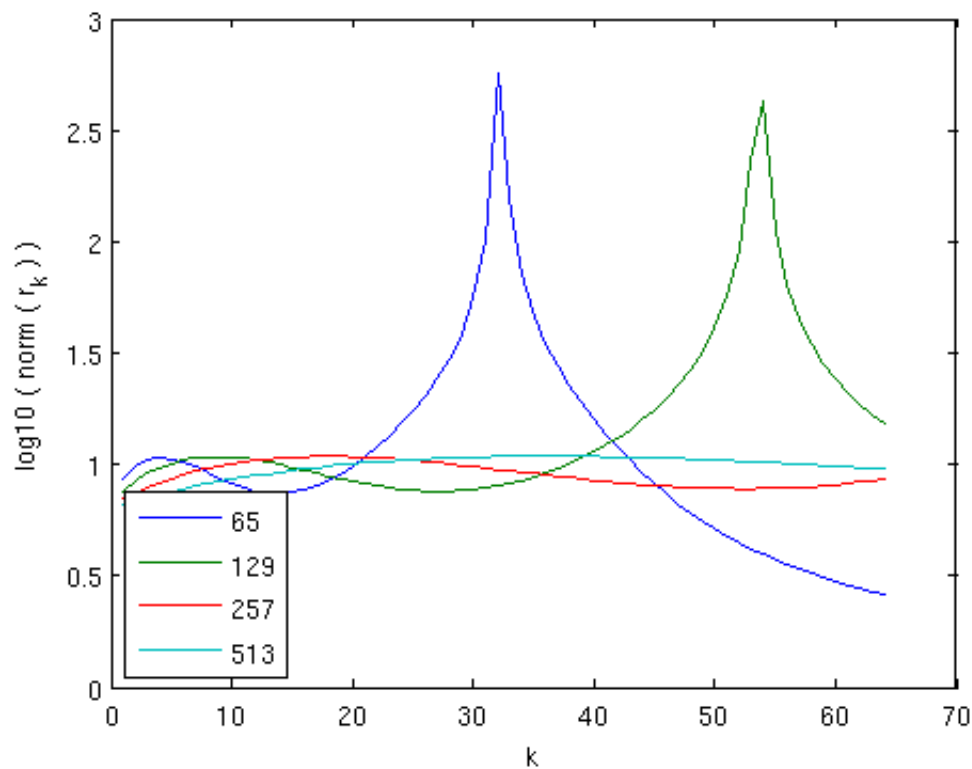
L2 norm of the Gauss-Siedel residual at each iteration



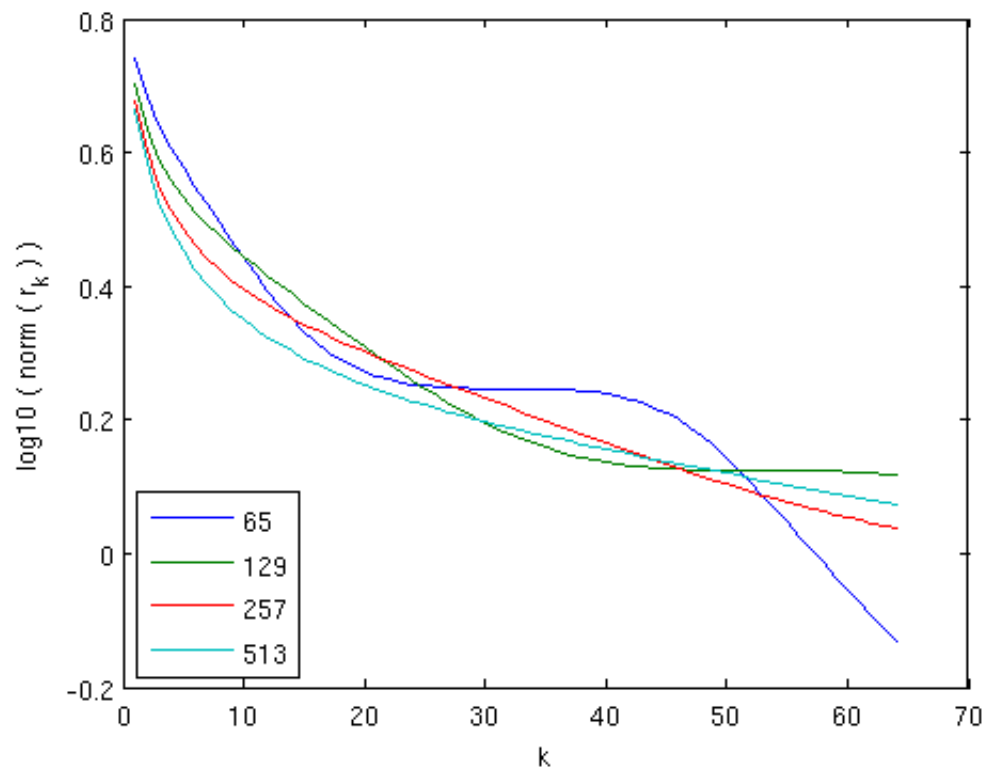
L2 norm of the Jacobi residual at each iteration



L2 norm of the MINRES1 residual at each iteration

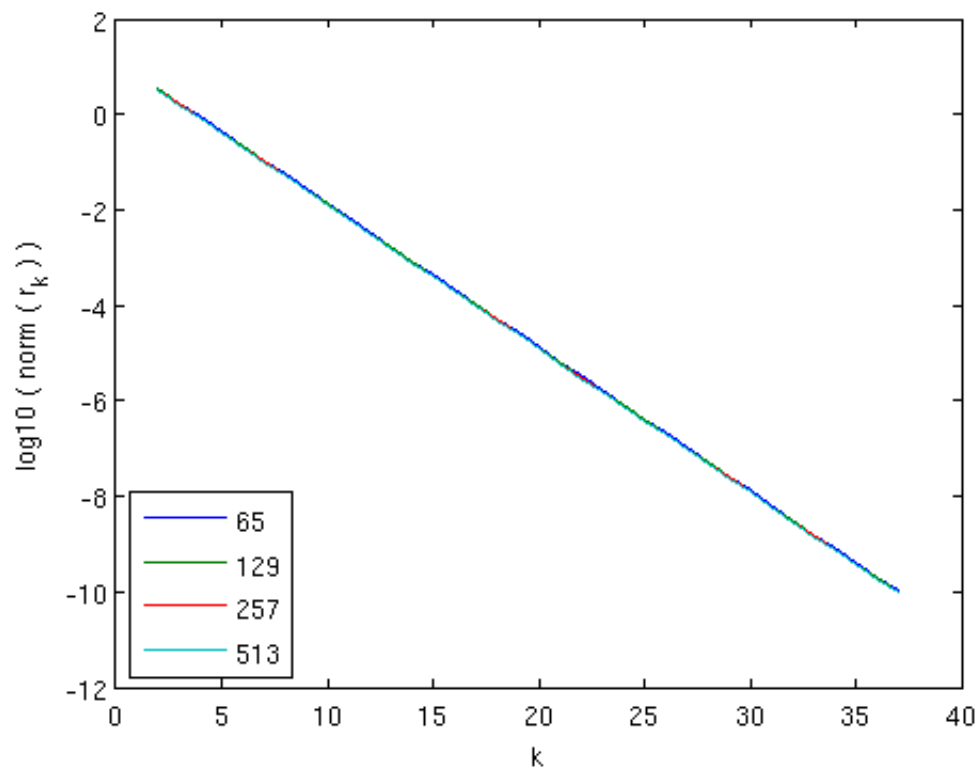


L2 norm of the MINRES2 residual at each iteration





L2 norm of the Pre-conditioned CG residual at each iteration



Solution to the PDE at iteration k=37 for N=513

