

Go through the `GaussSeidel_Jacobi_comparision.m`

1. Discuss why the Gauss_Seidel method success but Jacobi fails for the example (full rank) matrix A.
2. Fix the convergence of Jacobi method (one way is to use partial pivoting) and explain how did you carry this out.
3. Please test the convergence speed via Jacobi and Gauss_Seidel. Discuss why the convergence of Gauss_Seidel ($-L^{-1}T$) is faster than Jacobi ($-D^{-1}T$)?