Case Studies in High-Performance Computing

Assignment 2 - Krylov Subspace Methods and GMRES

Ion Lipsiuc

March 21, 2025

1 The GMRES Algorithm

We present the pseudocode of the serial implementation of the GMRES algorithm:

 $\begin{array}{l} \textbf{procedure} \ \mathtt{GMRES}(A,b,m) \\ \textbf{end} \ \textbf{procedure} \end{array}$

References