MA635P-Scientific Programming Laboratory

Krylov Subspace: QR Decomposition and Linear Control System

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Team

Team

- MA23M012 SARVJEET KUMAR SINGH
- MA23M018 NITESH KUMAR
- MA23M013 SHANU YADAV

Work

Linear Control System

1. Understand what is Linear Control System Reference and Reference 2

Tasks

1. Understand how to develop QR Algorithm to find eigenvalues
2. Use the above developed methods to compute the eigenvalues for 3 different linear control systems

Deliverable

1. Python notebook (Google colab)
2. Report, Latex Presentation and video presentation, each one has to explain 3 minutes about their contribution and how did you develop the code, data etc.

Thanks

Doubts and Suggestions

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