APMA 2821F – Computational Linear Algebra

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Textbook: No specific textbook will be used for this class. Some general references include:

1. Matrix Computations, Golub & van Loan, 3rd edition, The John Hopkins University Press, 1996.
2. Numerical Methods for Large Eigenvalue Problems, Y. Saad, Halsted Press, 1992
3. Domain Decomposition Methods, Toselli & Widlund, Springer, 2005
4. Parallel Scientific Computing in C++ and MPI, Karniadakis & Kirby, CUP, 2003

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