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7.4.1 Library Routines for LU with Partial Pivoting

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7.4.1 Library Routines for LU with Partial Pivoting

The enrichment material is in the "Reading Assignment"

The link to the LU factorization in the Elemental library keeps changing. To get a feel for what Elemental code looks like, you may want to go to <http://www.cs.utexas.edu/~flame/web/FLAMEPublications.html> and then search for "Elemental". This will take you to journal publication #29. If you click on the title of the paper, you will be able to access a free copy of this paper. On Page 9 you will find code for a Cholesky factorization (which is similar to an LU factorization).

Reading Assignment

0 points possible (ungraded)
Read Unit 7.4.1 of the notes. [\[LINK\]](#)

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