

Numerical Analysis and Programming

Problem Set #12 Due: June 2

1. Implement a module in which naive Gaussian elimination, LU decomposition are implemented.

Hand-In Procedure

1. Save your code as py12.py. Do not ignore this step or save your file(s) with different names.

2. Time and Collaboration Info

At the start of each file, in a comment, write down the number of hours (roughly) you spent on the problems in that part, and the names of the people you collaborated with. For example:

```
# Problem Set 12
# Name: Ying-Jer Kao
# Collaborators: Alice Lee
# Time: 3:30
#
... your code goes here ...
```

3. Upload to Ceiba.

Note: Discussions are strongly encouraged, but **no copying** is allowed. All parties involved in copying will get **zero** for their homework.