

Construct and solve a problem in science or engineering that combines four or more methods from this course (including 210A).

As an example, consider Ch 12 of the notes. There, a fairly complex example is chosen that brings together SVD, QR, interpolation, fixed point iteration, data fitting, linear systems, integration, Gaussian integration, and optimization.

Your example should not be this complicated.

Present to me a proposal, or abstract, of your project by April 19 so I can make sure you've picked something of reasonable and appropriate scope.

Group efforts are OK, but the ambition and detail should be proportional to the number of people.

The final result is due Thu May 26, and you will present them in class on Tue May 31 or Thu June 2.