

MAP2302 – Elementary  
Differential Equations —  
Fall, 2015

MAD6406 – Numerical  
Linear Algebra — Fall, 2015

→ MAD6406 Homework Fall  
2015

◦ Numerical Linear Algebra  
Exam Resources

Publications & CV

Colloquium, Fall 2015

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Center for Applied Math

Colloquium, Spring 2015

MTG6401 – Ergodic Theory  
and Dynamical Systems I —  
Fall, 2014

MTG6402 – Ergodic Theory  
and Dynamical Systems II —  
Spring, 2015

## MAD6406 Homework Fall 2015

There are two classes of problems. The theory ones in regular text and computational problems in **bold italic**. If you choose the homework option (as opposed to a project), you must do 20 problems from this list. Some restrictions:

- Each of the 20 problems must be from a different section.
- At least 10 problems have to be from the theory list.
- Although the computational problems specify Matlab, you can use any language, but it will usually need some built-in linear algebra functionality.
- If you are planning to take either a PhD or Master's exam based on this course, you should choose all your problems from the theory list. No computational problems will be on these exams.

All homework must be turned in in **hardcopy** on the last day of classes, Wednesday, December 9.

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