

Lecture 1. Introduction to MATLAB

tae

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1 Instructor

- Tae Eun Kim, Senior Lecturer
- B.S. in economics and mathematics (Northwestern University)
- Ph.D. in mathematics (The Ohio State University)

2 Math 3607

Beginning Scientific Computing

- Introduction to MATLAB: CS class
- Introduction to Numerical Analysis: math class
 - lots of linear algebra (matrices, vector spaces, etc.)

3 Assignments

- Weekly Homework (matlab programming + mathematical questions)
 - numerical calculation and confirmation using MATLAB

- graphical representation
 - analysis to be done by hand and, at times, simple proofs at the level of undergraduate linear algebra or calculus
- Weekly Responses
 - Carmen quizzes to check understanding of key concepts and techniques
 - feedback to learning experience
 - communication channel