MATH 540 Numerical Computing Progress

GitHub

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Week 1

Course intro, Julia/Jupyter intro, solving the two-point boundary value problem (Section 2.1, 1.1-1.3)

Week 2

Boundary value problem continued, writing test units

Week 3

Boundary value problem continued, FEM and Spectral Galerkin methods (Section 2.2-2.3)

Week 4

Time dependent problems (Sections 3.1, 3.4)

Begin Final Project /1 day

Week 5

Project (10/21)

Week 6

Final Project Outline (10/28)

Week 9

Project 2 (11/11)

Week 11

Final Project Presentation