

Math 121A 2019 Syllabus

September 2019

Instructor

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Office Hour: TBD

Textbook

Boas "Mathematical Methods in the Physical Sciences" 3rd. ed

Grading

Homework (20%) + Quiz(10%) + 2 Midterms(30%) + Final(40%).

Final Exam: Dec 18, 8-11am

Homeworks are assigned on Thursday and due on Tuesday in class.

Outline

1. Convergence of sequences and series
2. Complex number. Complex analytic function. Contour Integrals
3. δ -function, Green function
4. Integral Transform
5. Calculus of variations