

Isfahan University of Technology
Department of Mathematical Sciences
Operator Theory
Fall 1395

Instructor: S. M. Manjeagni

Contact Information:

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Office Hours: Sunday and Tuesday from 10:30 am to 12:00 pm or by appointment.

Lectures: Sunday and Tuesday from 8:00 to 10:00. Department of Mathematical Sciences, room 6.

Text book: : A Course in Operator Theory, John B. Conway

Class Description: Introduction to C^* algebras, Normal operators, Trace class and Hilbert Schmidt operators, The dual space of the compact operators and Trace class operators. Inflation and the topologies. Some non-Normal operators.

Prerequisites: Functional Analysis.

Marks: Final marks will be weighted as follows:

1. Assignments: 15%.
2. Midterm test: 35%.
3. Final exam: 50% .

Important Dates:

1. Midterm Test: TBA
2. Final Exam: TBA

Good Luck