

Isfahan University of Technology
Department of Mathematical Sciences
Matrix Analysis
Winter 2014

Instructor: S. M. Manjeagni

Contact Information:

1. Office: Department of Mathematical sciences room 2-7
2. E.mail: manjgani@cc.iut.ac.ir
3. Course Website: <https://manjgani.iut.ac.ir/matrix-analysis>

Office Hours: Saturday and Monday from 8:30 am to 10:30 am or by appointment.

Lectures: Monday from 3:00 am to 5:00 am. Department of Mathematical Sciences, room 6.

Text book: : Matrix Analysis, R. Bhatia

Class Description: A review of linear algebra, Majorization and doubly stochastic matrices, variational for eigenvalues and operator monotone and operator convex functions.

Prerequisites: Analysis and Linear Algebra.

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