

General information about the classes

Instructor: DR. H. N. MHASKAR

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Office hours and syllabi for different courses will be announced separately.

Grading policy

Two midterms and a final will be given, each counting 50% of the grade. The first midterm is expected in the 4th or 5th week of classes, the second in the 8th or 9th week of classes. An announcement about the precise date will be made in class in due time. The lower of the two midterm scores will be dropped. If you miss one midterm, your score on that midterm will be considered to be 0. Make-up exams will not be given except in emergency situations proved to the satisfaction of the instructor by proper documentation. Make-up projects, make-up finals, and incomplete grades will not be given. All graded work is to be done individually, without any outside help. University policy regarding academic honesty will be followed. After all the scores for all the exams are in, I will add these scores and then arrange the sums in decreasing order. I will then look for 'reasonably large' gaps in this array to divide the array in 1 to 12 groups. Every group will then correspond to a letter grade. In particular,

1. The grading will be relative.
2. Before the above process is completed, no indication can be given as to how any individual is doing in the class, except for his/her relative position in a given midterm.

This grading policy is subject to change anytime at the instructor's option.

Final Exam

The final exam will start at the time and place prescribed in the schedule of classes, as amended if applicable. **THE FINAL EXAM WILL BE 90 (NINETY) MINUTES IN DURATION.** The score on the final will not be dropped.

Attendance

Regular attendance at the class is **required** during the first three weeks of classes, the midterms, and the final exam/class meeting. Otherwise, it is highly recommended, but not required. Nevertheless, even if you don't attend a class meeting, you are still held responsible for the meeting. In particular, it is your responsibility to learn everything that was taught as well as any announcements. When coming to the class, please be prepared to stay for the complete duration of the class, with full alertness, and great enthusiasm for learning what is taught. Do all the suggested homework diligently, enthusiastically, and regularly, and ask questions about it in the immediately following class. Maintain proper decorum : do not leave in the middle of the class, only one person may talk at any time after seeking my permission, limit the questions and comments in class to mathematics, etc.

Disabled students

If you have disability that requires special attention, it is your responsibility to make the necessary arrangements with the Office of Students with Disabilities (ADM 127, 323-343-3140) in a timely manner.

About the instructor

Hrushikesh Mhaskar did his undergraduate studies in Institute of Science, Nagpur, and received his first M. Sc. in mathematics from the Indian Institute of Technology in Mumbai in 1976, and a second M. S., also in Mathematics, from the Ohio State University, Columbus, in 1977. He received his Ph. D. in mathematics and M. S. in computer science from the Ohio State University, Columbus, in 1980. He then joined Cal. State L. A., and was promoted to full professor in 1990. He has published more than 110 (journal) articles in the area of approximation theory, potential theory, neural networks, and wavelet analysis. His book, "Weighted polynomial approximation", was published in 1997 by World Scientific, and the book with Dr. D. V. Pai, "Fundamentals of Approximation Theory" was published by Narosa Publishers, CRC, and Alpha Science in 2000. He serves on the editorial boards of Journal of Approximation Theory and Jaen Journal of Approximation. In addition, he was a co-editor of a special issue of Advances in Computational Mathematics on mathematical aspects of neural networks, a coeditor of a two volume special issue of Journal of Approximation Theory, as well as two edited collections of research articles: Wavelet Analysis and Applications, Narosa Publishers, 2001, and Frontiers in interpolation and approximation, Chapman and Hall/CRC, 2006. He has held visiting positions, as well as given several invited lectures throughout North America, Europe, and Asia. His research is supported currently by the National Science Foundation and the U. S. Army Research Office, and in the past also by the Air Force Office of Scientific Research, the National Security Agency, and the Research and Development Laboratories. He was awarded the Humboldt Fellowship for research in Germany five times. He is listed in Outstanding Young Men of America (1985) and Who's Who in America's Teachers (1994). He was a "von Neumann" distinguished professor of mathematics at Technical University, Munich from April to July 2011.