

Instructor: Siva Athreya

Office: A 12.

Texts:

1. *Computational Methods for Numerical Analysis with R* by James P. Howard, II.
2. *Using R for Numerical Analysis in Science and Engineering* by Victor A. Bloomfield.
3. *Numerical Methods with Matlab* by G. Recktenwald.

E-Mail: My e-mail address is athreya@isibang.ac.in. Please send me an email¹, from an account that you use regularly, so that I can put you on the class list.

WWW-page: I shall maintain a course home-page, at the following address:
<http://www.isibang.ac.in/~athreya/Teaching/cs219>. The page should serve as an archive of handouts at the very least.

Homework: There will be regular homework assignments during the semester. A selection of which will be required to be turned in. You are encouraged to work together on solving the problems but write up your own individual solutions. No late home work will be accepted.

Quiz: There will be a weekly short test each Thursday (9:55-10:55) in the class. The quiz will have one question and will be essentially based out of the previous week's homework. No make up quizzes will be given.

Scoring: Midterm 1 is worth 25 % of the grade. Final exam is worth 50 % of the grade. The quizzes consists of 20 % of the grade, in-class worksheets and Homework will consist of 5% of the grade.

Studying and Homework: The course requires at least one and a half hour of study for each hour of class time. Homework will be announced in class and posted on the web. It is imperative that you try,(and write up solutions for), the homework problems *before* their respective due dates. The problems that will be given are a small selection so please do try other problems for practice from the text. You are encouraged to work together on solving the problems. We shall try to discuss the homework during one of the classes.

Feedback: Please feel free to drop by my office, to clear up difficulties or to just discuss mathematics. I would appreciate feedback from you as the course progresses. If there are suggestions/clarifications that you have then feel free to ask me.

Office hours: Office hours are the times during the week when I will be (solely) available for the purpose of answering student difficulties and helping everybody get unstuck from there problems. These are the office hours that I will have (in my office) during the week are:- **Thursday:** 9:00-10:00am, **Tuesday:** 2:00-3:00pm

¹***Free Chocolates*:** You shall get one free chocolate, if you set-up an email account (which you will access once every 24 hours) and send me email by Thursday, January 9th evening.