AMS-528 Numerical Analysis (III)

Text Book: Numerical Partial Differential Equations (Part 1 and 2)

Midterm: 03/14/13 (tentative) 6 Biweekly Homework Assignment

Lecture: Tuesday, Thursday, 2:30-3:50pm, Physics P123
Office Hour: Tuesday, 10-12pm, Math Tower 1-104

TA: Chenzhe Diao williamdiao@gmail.com
Office Hour: Tuesday, Thursday, 1-2pm, Math Tower 1-125

If you wish to utilize Galaxy Cluster for homework assignments, please follow the instruction below and I will set up an account for you. If you are not familiar with Unix/Linux system, please google the manual page of Linux and learn some basic operations about the system, including editing and data transfer.

I will be using Blackboard for communication and document sharing.

The course website:

KEY LOGIN INSTRUCTION FOR GALAXY

1. GENERATING YOUR SSH KEY PAIR

To generate your SSH key pair for use on galaxy, execute the following command on the machine you want to use to connect to galaxy (suggestion: use ‘ssh.ams.sunysb.edu’):

```
ssh-keygen -q -b 2048 -t rsa -f ~/.ssh/galaxy
```

This will quietly create a 2048-bit RSA key pair. This consists of 2 keys you'll find in the directory ~/.ssh/, one public (named 'galaxy.pub') and one private (named 'galaxy'). Please paste the content of the public key in an email and send to me.

2. LOGGING IN USING YOUR KEY

Log in to galaxy using the following command:

```
ssh -i ~/.ssh/galaxy username@galaxy.ams.sunysb.edu
```

After the ‘-i’ option you should provide the path to your private key file. When you connect to galaxy you will be prompted for the passphrase you chose for your RSA key pair.