

Math 126 Using Maple on a Sparc Station

Start by logging on to the computer. (If you have made any changes in the default setup, you will need to adjust the following instructions to your setup.) When you see several windows (cmdtool, File Manager, Help Viewer), put the mouse cursor on the background, click right, pull out the **Programs** menu, then click on **Command Tool**. A command tool (a window in which you can type commands) will pop up. Place the cursor in the command tool window and click left. This will make the command tool your active window. You should see a black triangle after the prompt. After the prompt, give the command:

```
cd Private
```

followed by a return to change to your Private directory, then the command

```
mkdir math126
```

followed by a return. This creates a directory (Unix terminology for a folder) called math126 in your Private directory. The reason for doing this is to make sure that you are the only person (other than system administrators) who can view your course work.

Now give the command

```
cd math126
```

followed by a return to change to your math126 directory, then the command

```
netscape &
```

followed by a return. (The & makes the command run in background; from your point of view, this means that it is running but not tying up your command tool.) In Netscape, go to the course directory:

```
http://www.nd.edu/~nancy/Math126/info.html
```

Then click on Maple, then Maple Assignments, then Assignment 1. A dialogue box will pop up asking you where to save it. If you have followed these directions, clicking on OK will save it as

```
Private/math126/assign_1.mws
```

which is what you want to do. Now go back to the command tool. (Click left in it.) Give the command:

xmacle &

Maple will start. In Maple, click left on File, then on Open, then in the dialogue box on assign_1.mws then on OK. You will be asked if you want to update it to Maple 6. Click Yes if you expect to do the whole assignment with Maple 6, and otherwise click No. The Assignment 1 worksheet will open. Now you can begin work on it.

To help you with the assignment, use the handout *How to Use Maple Worksheets* and the handout *Introduction to Maple*, which is also available on the course web site as both a web page and a Maple worksheet. (The worksheet has the advantage that you can try things out in it.) There are also help worksheets for some specific topics on the Maple web page, under Maple Help, and there are specific hints for the assignment under Hints for Maple Assignments.

Be sure to save your work when you are done. Then click in the triangle in the upper left corner and then on Quit. Now go into the background, click right, then click on **Exit**. At the prompt, give the command

logout

followed by a return. After this, you should see a new login prompt.