

## Introduction to *Mathematica*: Programming

### I. Class Materials

#### 1. Download Programming.tar

*On Athena:*

Copy the archive file from the locker **acmath** to a local working directory.

```
athena% add acmath
athena% cp /mit/acmath/math/IntroMathematica/Programming.tar .
```

*Alternatively, from a web browser:*

Download the archive file from <http://web.mit.edu/acmath/math/IntroMathematica>.

#### 2. Extract this session's directory and files

*On Athena:*

```
tar -xvf Programming.tar
```

Your local work directory should now contain the following directories and files:

#### Programming

```
Programming.nb
ExercisesProgramming.nb
MyFunctions.nb
MyFunctions.m
slider.nb
```

### II. Start *Mathematica*

*On Athena:*

Launch *Mathematica* from the **Programming** directory:

```
athena% cd Programming
athena% add math
athena% mathematica &
```

### III. Open this session's files in *Mathematica*

Open the notebook file `Programming.nb` at the beginning of class. When the exercises start, open also the file `ExercisesProgramming.nb`. All other instructions are in the notebooks.