

Installation guide for SOSTOOLS and related software

- Download SeDuMi
 - Go to <http://sedumi.mcmaster.ca/>
 - Check the left of the page and find “Register” in the “Login Form.” Click on “Register.” Create an account. It requires **Name**, **Username**, **E-mail**, and **Password**. Complete those fields and click “Send Registration.”
 - When you see “Registration Complete!” go to “Login Form” at the left, put the account info you just created, and click on “Login.”
 - Click on “Downloads” in the “Main Mune” on the top left panel.
 - Click on “SeDuMi Archive”
 - Click on “SeDuMi 1.1R2 hot!”
 - Scroll down the page, choose “I agree” (if you agree - I always agreed so far and haven’t had any problems) and click on “Click here to proceed”.
 - This will download the zip file of the software. Save it somewhere you can find later.
 - Go and extract the contents of that zip file.
 - Start Matlab (if it is not already running).
 - Go to `File>>Set Path ...>>Add with Subfolders`. Now browse and find the SeDuMi folder you just extracted. Choose the SeDuMi folder and click on “OK.”
 - **Example 1.** *Say you saved, the SeDuMi folder at*
`XXX\SeDuMi_1_1,`
then choose this folder not single files or folder in it. (Here, XXX is the path to the folder.)
 - Click on “Save” and “Close”
 - In the command window, type `help SeDuMi`. If you see meaningful information about SeDuMi, you probably have got SeDuMi running on your computer.
- Installation of SOSTOOLS: All steps are similar and easier (you don’t need to create an account for this).
 - Go to <http://www.cds.caltech.edu/sostools/>
 - Scroll down the page.

- Find the line `SOSTOOLS` release v2.02, compatible with MATLAB 7.1 (2nd May 2006): `SOSTOOLS.202.zip`
- Click on “SOSTOOLS.202.zip”
- This will download a zip file. Save it somewhere and keep in mind where you save it.
- Go and extract the contents of that zip file.
- Start Matlab (if it is not already running).
- Go to `File>>Set Path ...>>Add with Subfolders`. Now browse and find the `SOSTOOLS` folder you just extracted. Choose the `SOSTOOLS` folder and click on “OK.”
- Click on “Save” and “Close”
- In the command window, type `help sostools`. If you see meaningful information about `SOSTOOLS`, you probably have got `SOSTOOLS` running on your computer.