**Vertical stabilization steps:**

1. Switch on current controller power supply at the basement.
2. Connect and switch on server NIturbo\_RT
3. Login through Putty; go to golem/includes/DAS and switch on server software by changing file name using the command

mv 0513NIturbo\_RT.OFF 0513NIturbo\_RT.ON

1. Switch on integrator measuring the current in the coils
2. Create periodical Signal by the link <http://golem.fjfi.cvut.cz/roperation/tasks/STUDENTS/0413JindrichKocman/Level_I/waveform_creation.html>

Then save it (you can directly write the waveform in a file at the location using WinSCP:

golem/database/operation/stabilization\_waveforms ;; caution: file is sensitive to tabs)

1. Go to golem/database/operation/stabilization\_waveforms

mv wavefilename.011 new\_simplewavefilename

1. To execute waveform from the command line

--vstab\_pre filename (e.g., --vstab\_pre sine\_1)

--vstab\_pre VSTAB\_PRE (for predefined vertical stabilization)

Once you execute this line, after that even if you don’t put this command last executed setting will be executed. To deactivate that

1. Either make current waveform zero in the wavefile
2. Or use command --vstab\_pre 00\_none
3. To edit the file

vi filename