

MASTER PROJECT GROUP PRE-MEETING

SUMMER TERM 2022, ZOOM DIAL-IN

2022-04-08, Friday, 1 P.M.



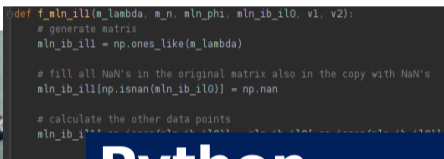
Agenda

- Short pitch on the offered topics
- Introduction to mandatory pre-tests
- Q&A

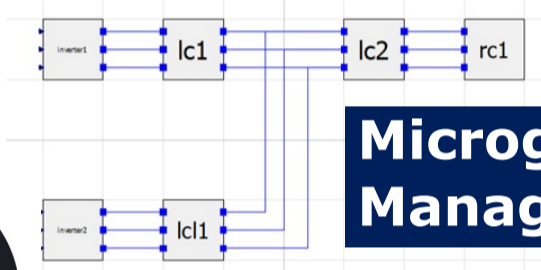
ZOOM Meeting Credentials

- Meeting ID: 967 9355 9645
- Login Code: 018066

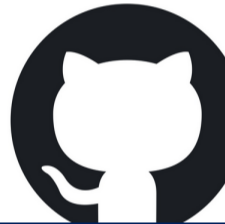
Topic #1: Reinforcement Learning for Energy Systems




Python Programming




Microgrid Management



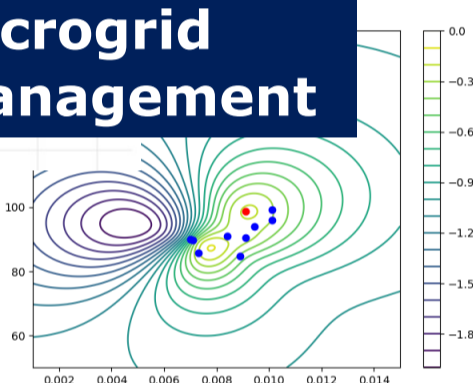
GitHUB



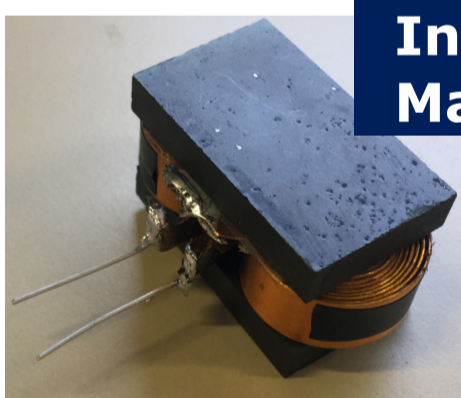
GEM




Electrical Drives



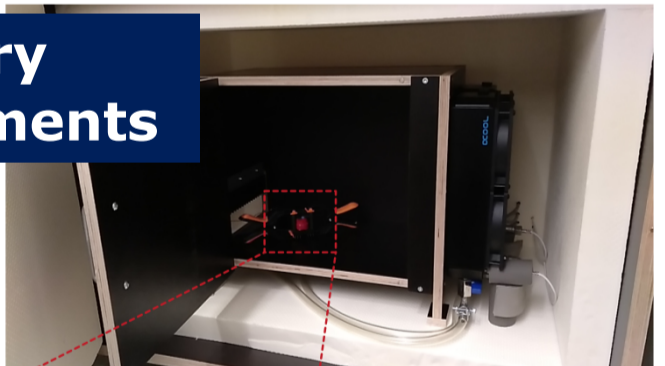
Topic #2: Calorimetric Measuring Chamber Optimization



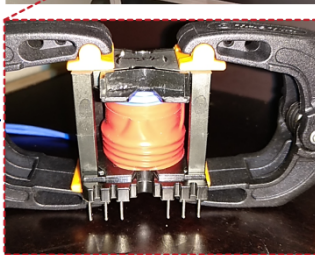
Inductor Manufacturing



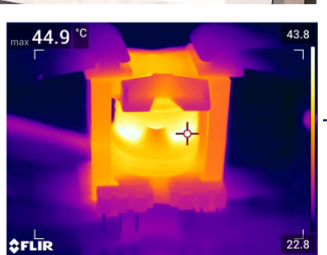
Control Engineering



Laboratory Measurements



Lab validation




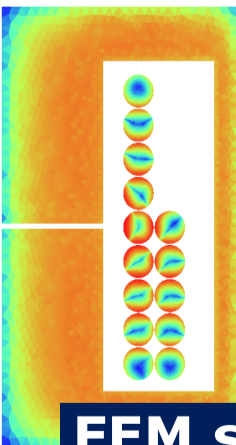
FLIR

Topic #3: FEM Magnetics Toolbox

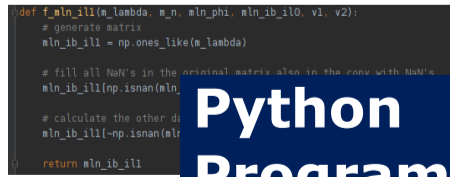
Contribute to an open source project

https://github.com/upb-lea/FEM_Magnetics_Toolbox





FEM simulation



Python Programming