Tutorial 0

Setup

Keywords: RBniCS setup

RBniCS requires:

- FEniCS, with petsc4py and slepc4py, for computations during the offline stage;

- numpy and scipy, for computations during the online stage;

- python-glpk, a python interface to the glpk library for linear programming, necessary for the successive constraints method.

Three python scripts are provided in this directory to check if the required library are properly installed. Moreover, a RBniCS virtual machine is also provided on the official website.