



Introduction to conic optimization

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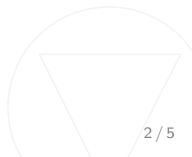
Section 1

Practical information



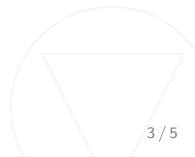


- `https://github.com/MOSEK/Courses/tree/master/2016_UPC`
- Git clone command: `git clone git@github.com:MOSEK/Courses.git`



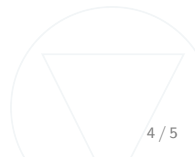


- Python 3.5 (Anaconda is the easiest to work with <https://www.continuum.io/>).
- Jupiter to view notebooks (<https://jupyter.org>).
- MOSEK version 8.0(beta).



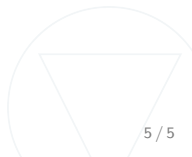


- Install the appropriate Python 3.5 based Anaconda from <https://www.continuum.io/downloads>.
- Next install Jupyter by running the command `conda install jupyter`.





- Run the command `jupyter notebook` and the browser will start an interactive environment.
- Load the Jupyter notebook you want to view.





Modeling tools:

- CVX: cvx.com
- GAMS: <http://www.gams.com/>
- Picos: <http://picos.zib.de/>
- Yalmip: <http://users.isy.liu.se/johanl/yalmip/pmwiki.php?n=Main.HomePage>

Optimizers+APIs:

- CPLEX
- Fico
- GuRoBi: gurobi.com