18-875/19-739 Homework 4
Engineering and Economics of Electric Power Systems
Due on 02/25/2020 midnight (Canvas submission only)

1) (100 points) Implement in Matlab Iterative Linear Programming AC Optimal Power Flow described in Chapter 8 of *"Power Generation, Operation, and Control"*, 3rd Edition and discussed in the class. You can use Matlab linprog() and any other Matlab functions but nothing from Matpower except the case files. That is, the input to your ACOPF solver should be in Matpower format. Note that some of the sensitivity matrices that you might need can be found in Chapter 8 appendices.