

# ‘math+econ+code’ masterclass on equilibrium transport and matching models in economics

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Day 1: competitive equilibrium with gross substitutes  
c. assignment

- ▶ Implement the Jacobi algorithm of Day 1 in parallel. You may use some of the links below:
  - ▶ <https://wiki.python.org/moin/ParallelProcessing/>
  - ▶ <https://stackoverflow.com/questions/20548628/how-to-do-parallel-programming-in-python>
  - ▶ <https://www.geeksforgeeks.org/parallel-processing-in-python/>
- ▶ You may want to do this on your laptop, on NYU's or another university's HPC, or on Google Colab.
- ▶ You may want to explore synchronous methods, as well as asynchronous ones.