

Week06 – Max flow and min cut

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Remember that there is no class on Monday, but we meet on both Wednesday and Thursday this week, since Thursday is a Tufts Monday.

Here is this week's homework assignment.

- [\[PS04\]](#) [\[pdf\]](#)

This week we are going to investigate *Graph Models*. These models include the *network flows* we previously studied. But now we will mainly be interested in *flows through graphs* and we discuss methods referred to as *max flow and min cut* that use *duality* to understand possible solutions.

Here is the jupyter notebook with materials for this week:

- **Graph Models** [\[via colab\]](#) [\[download notebook\]](#) [\[pdf\]](#)

(For what it is worth, this material will certainly need more than a single lecture. But it may not need 2 whole lectures; if that is the case, I'll cover a bit of the next section on Thursday. If that comes to pass, I'll post the relevant notebook...)
