

# Week04 – dual linear programming

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For a given linear program  $\mathcal{L}$ , we are going to consider this week its so-called *dual linear program*  $\mathcal{L}'$ , and related notions like *dual prices* and *slackness*.

First, we'll finish our discussions of the *network flow* construction of linear programs (the network-flow point of view might be useful when you work - next week - on your first `midterm` report).

- [\[problem set 3\]](#) [\[pdf\]](#) (due 2024-02-09)
  - **Network flows** (from last week) [\[via colab\]](#) [\[download notebook\]](#) [\[pdf\]](#)
  - **dual linear programs** [\[via colab\]](#) [\[download notebook\]](#) [\[pdf\]](#)
  - **dual prices** [\[via colab\]](#) [\[download notebook\]](#) [\[pdf\]](#)
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