

Linear Optimization (Spring 2023): Homework 10

- The total points (given in parentheses) add up to 155. You will be graded for 145 points (with the possibility of getting up to 10 points as extra credit).
- BT-ILO stands for the text (Bertsimas and Tsitsiklis: Introduction to Linear Optimization).
- **You must email your submission as a PDF file to kbala@wsu.edu.** You are welcome to write answers by hand, and scan the writings **into a PDF file**.
- **Your file name should identify you in the following manner. If you are Nomore Homeworky, you should name your submission NomoreHomeworky_Hw10.pdf. If you want to add more bits to the title, e.g., Math464, you could name it NomoreHomeworky_Math464_Hw10.pdf, for instance. But you should start the file name with NomoreHomeworky; and NOT “Nomore Homeworky” or “Nomo_Homeworky” or ...**
- **Begin the SUBJECT of your email submission with the same FirstnameLastname, e.g., “NomoreHomeworky Hw10 submission”.**
- **This homework is due by 4:59 PM on Thursday, April 20.**

1. (30) BT-ILO Problem 4.3 from page 188.
2. (20) BT-ILO Problem 4.4 from page 188.
3. (30) BT-ILO Problem 4.5 (a), (c), (d) from page 188.
4. (25) BT-ILO Problem 4.8 from page 189.
5. (20) BT-ILO Problem 4.16 from page 191.
6. (30) BT-ILO Problem 4.26 from page 194.