

## Network Optimization (Fall 2024): Homework 11

- AMO stands for the text (Ahuja, Magnanti, Orlin). Exercises and page numbers are listed from AMO.
- Exercises marked with a [G] target the graduate students (Math 566), but undergrads (Math 466) can attempt them for extra credit.
- The total points (given in parentheses) add up to 135. Math 566 students will be graded for 125 points, and Math 466 students for 110 points.
- **Send your submission to [kbala@wsu.edu](mailto:kbala@wsu.edu).**
- **Your file name should identify you in the following manner. If you are Nomo Homwk, you should name your submission NomoHomwk\_Hw11.pdf. If you want to add more bits to the title, e.g., Math466, you could name it NomoHomwk\_Math466\_Hw11.pdf, for instance. But you should start the file name with NomoHomwk. And please avoid white spaces in the file name.**
- **Begin the SUBJECT of your email submission with the same `FirstnameLastname`, expression, e.g., “NomoHomwk Hw11 submission”.**
- **This homework is due by 11:59 PM on Thursday, November 21.**

1. (20) AMO 9.30 (page 352).
2. (25) [G] AMO 9.52 (page 354).
3. (15) AMO 13.13 (page 538).
4. (25) AMO 13.16 (page 538).
5. (25) AMO 12.8 (page 502).
6. (25) AMO 12.28 (page 506).