

Network Optimization (Fall 2008) — Homework 8

- Exercises marked with a **[G]** target the graduate students (Math 566), but undergrads can attempt them for extra credit.
- The total points (given in parentheses) add up to 120. Math 566 students will be graded for 115 points, and Math 466 students for 110 points.
- **This homework is due in class on Thursday, October 23.**

1. (20) AMO 5.18 (page 160).
2. (15) AMO 5.21 (page 160).
3. (25) **[G]** AMO 5.41 (page 161).
4. (20) AMO 6.6 (**a**) (pages 199-200).
5. (20) AMO 6.11 (page 200).
6. (20) AMO 6.20 (page 203).