

**Math 349: Matrix Groups: Introduction to Lie Groups**  
**Professor Kerr**

**Assignment 2: All matrix groups are real**

*This assignment is due in class on Wednesday February 13.*

1. Tapp, # 2.2, p. 32.
2. Tapp, # 2.3, p. 32.
3. Tapp, # 2.4, p. 32.
4. (\*) Tapp, # 2.5, p. 32.
5. Tapp, # 2.8, p. 32.
6. (\*) Tapp, # 2.9, p. 32.
7. Tapp, # 2.7, p. 32.