# Mathematics 53 <br> Homework 5 - Due 08/15 <br> Peter Koroteev 

Solve the following problems from Stewart's book

1. Sec. $16.1 \# 5,13,17,29,33,35$
2. Sec. $16.2 \# 17,18,38,45,49,52$
3. Sec. 16.3 \# 14, 19, 25, 29, 36
4. Sec. 16.4 \# 3, 10, 13, 21, 30, 31
5. Sec. $16.5 \# 7,25,29,33,34,38,39$
6. Sec. 16.6 \# 13, 16, 23, 35, 49, 63
7. Sec. $16.7 \# 3,17,27,37,41,45$
8. Sec. 16.8 \# 5, 7, 9, 11, 16, 19
9. Sec. $16.9 \# 11,17,19,25,28,30$
