

**MATHEMATICS 850, FALL 2014**  
**Homework Set III - due Friday, October 24**

All problems are from Chapter 3 of the book by Gerald Teschl.

- (1) Problem 3.27, page 85
- (2) Problem 3.28, page 85
- (3) Problem 3.31, page 86
- (4) Problem 3.32, page 89
- (5) Problem 3.43, page 97
- (6) Problem 3.44, page 102