

Math 500: Graduate Algebra. Instructor: Walton

Homework #10 on Generation of Modules, Tensor Products, and Modules over PIDs

Due: Wednesday, November 13, 2019 at the beginning of class.

Include full statements of problems in your solution set. See syllabus for grading guide.

- (1) Dummit-Foote §10.3, #1
- (2) Dummit-Foote §10.3, #2
- (3) Dummit-Foote §10.3, #7
- (4) Dummit-Foote §10.3, #9, 10, 11
- (5) Dummit-Foote §10.3, #13, 14
- (6) Dummit-Foote §10.4, #3, 4
- (7) Dummit-Foote §10.4, #6
- (8) Dummit-Foote §10.4, #24, 25
- (9) Dummit-Foote §12.1, #13
- (10) Dummit-Foote §12.1, #14