

MATH 8174. HOMEWORK 4
Due Friday, October 16

Note: [Hum] = Humphreys, [EW] = Erdmann–Wildon

- (1) Read the following parts of [EW]: Chapter 9 (again), and Sections 16.3.1, 16.3.2, 16.6, 16.7.1, 16.7.2 (pay attention to at least the statements of the results).
- (2) [Hum] 5.1.
- (3) [EW] 2.8.(c).
- (4) [EW] 9.16.
- (5) [EW] 10.1.
- (6) [EW] 10.2.
- (7) [EW] 8.4.
- (8) [EW] 8.6.(i)–(iv). (Primary decompositions are discussed in §16.3.1.)
- (9) [EW] 9.15.