GROUPS AND REPRESENTATIONS II: PROBLEM SET 3 Due Tuesday, March 7

Note: The problems in this problem set are from Kirillov, An Introduction to Lie Groups and Lie Algebras.

Problem 1: Kirillov Problem 7.2.

Problem 2: Kirillov Problem 7.11

Problem 3: Kirillov Problem 7.16

Problem 4: Kirillov Problem 8.4

Problem 5: Kirillov Problem 8.6