

Math 221A, problem set 11
Due: Mon Dec 06
Last revision due: TBA

Problems to be turned in: Problem x.y.z of Artin denotes problem y.z in Chapter x.

1. Artin 10.4.11(a,c,d,e).
2. Artin 10.5.6(a).
3. Artin 10.6.4(b,c). Probably best to do both (b) and (c) simultaneously, using the permutation representations to discover the irreducible representations.
4. Artin 10.6.6.
5. Artin 10.6.11(a).