

# Recommended Reading

1. Contemporary Abstract Algebra, Joseph A. Gallian, 5th ed, Houghton Mifflin Company, 2000.
2. Discrete Mathematics, Norman L. Biggs, 2nd ed, Clarendon Press Oxford, 1989.
3. Permutation Group Algorithms, Akos Seress, Cambridge Tracts in Mathematics 152, Cambridge University Press, 2003.

4. Abstract Algebra with GAP, Julianne Rainbolt and Joseph A. Gallian, Houghton Mifflin Company, free download from <http://www.gap-system.org>
5. GAP documentation, e.g. reference manual and tutorials, free download from <http://www.gap-system.org>

# References

Some proofs and ideas presented in the lectures were based on the above references. Please consult these books for complete statements and proofs of the results I mentioned in the lectures. In particular, Lecture 1 relied on [1], Lecture 2 on [5], Lecture 3 on [1] and [2] and Lecture 5 on [3].