

## Rep Thy I: Problem Set 3 (due Fri Sep 28)

- Exercises 3.2, 3.3, 3.4, 3.5 from Serre
- **Problem A:** Construct the irreducible 2-dimensional representation of  $Q_8$  as the induction from an index 2 subgroup.

### Presentations

SW (3.2), DG (3.3), EH (3.4), WL (3.5), JR (Prob A)