Representation Theory Notes (collected)

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notes

- [Groups and linear algebra - 2024-01-17] [pdf]
- [Representations - 2024-01-22] [pdf]
- [Invariant subspaces and complete reducibilty - 2024-01-24] [pdf]
- [Schur's Lemma & irreducibility - 2024-01-29] [pdf]
- [The character table of a finite group - 2024-01-31] [pdf]
- [Characters of irreducible representations - 2024-02-05] [pdf]
- [Functions on G via regular representation - 2024-02-07 pt1] [pdf]
- [Representations & the symmetric group - 2024-02-07 pt2] [pdf]

assignments

- [problem set 1] [pdf] due 2024-01-26

- [problem set 1 solutions] [pdf]

- [problem set 02] [pdf] due 2024-02-02

- [**solution**]

- [problem set 03] [pdf] due 2024-02-16

- [problem set 03 solutions] [pdf]

Bibliography