

Selected References for Lecture 4

18 November, 2021

- Craven, David A. (2010). “Lower bounds for representation growth”. In: *J. Group Theory* 13.6, pp. 873–890. URL: <https://doi.org/10.1515/JGT.2010.029>.
- Farkas, Daniel R. (1987). “Semisimple representations and affine rings”. In: *Proc. Amer. Math. Soc.* 101.2, pp. 237–238. URL: <https://doi.org/10.2307/2045988>.
- Gupta, Narain and Saïd Sidki (1983). “On the Burnside problem for periodic groups”. In: *Math. Z.* 182.3, pp. 385–388. URL: <https://doi.org/10.1007/BF01179757>.
- Higman, Graham (1951). “A finitely generated infinite simple group”. In: *J. London Math. Soc.* 26, pp. 61–64. URL: <https://doi.org/10.1112/jlms/s1-26.1.61>.
- Higman, Graham (1974). *Finitely presented infinite simple groups*. Notes on Pure Mathematics, No. 8. Department of Pure Mathematics, Department of Mathematics, I.A.S. Australian National University, Canberra, pp. vii+82.
- Jaikin-Zapirain, A. (2006). “Zeta function of representations of compact p -adic analytic groups”. In: *J. Amer. Math. Soc.* 19.1, pp. 91–118. URL: <https://doi.org/10.1090/S0894-0347-05-00501-1>.
- Larsen, Michael and Alexander Lubotzky (2008). “Representation growth of linear groups”. In: *J. Eur. Math. Soc. (JEMS)* 10.2, pp. 351–390. URL: <https://doi.org/10.4171/JEMS/113>.
- Liebeck, Martin W. and Aner Shalev (2005). “Character degrees and random walks in finite groups of Lie type”. In: *Proc. London Math. Soc. (3)* 90.1, pp. 61–86. URL: <https://doi.org/10.1112/S0024611504014935>.
- Lubotzky, Alexander and Andy R. Magid (1985). “Varieties of representations of finitely generated groups”. In: *Mem. Amer. Math. Soc.* 58.336, pp. xi+117. URL: <https://doi.org/10.1090/memo/0336>.