

1. Aschbacher, Finite group theory
2. Armand Borel, Linear algebraic groups
3. Armand Borel, et al., Seminar on Algebraic Groups and Related Finite Groups, SLN 131
4. Bourbaki, Lie Groups and Lie algebras, Chapters 1-9.
5. Roger Carter, Finite Groups of Lie type, conjugacy classes and characters
6. Roger Carter, Simple groups of Lie type
7. Roger Carter and Meinolf Geck, Representations of reductive groups
8. R. W. Carter and J. Saxl, Algebraic groups and their representations, NATO ASI series, vol. 517
9. Chevalley, Classification des groupes algebriques semi-simples
10. Meinolf Geck, An introduction to algebraic geometry and algebraic groups
11. Meinolf Geck and G. Pfeiffer, Characters of finite Coxeter groups and Iwahori-Hecke algebras
12. Meinolf Geck, Donna Testerman, Jacques Thévenaz, Group Representation Theory
13. Daniel Gorenstein, Richard Lyons, Ronald Solomon, The classification of the finite simple groups. Number 3, Mathematical Surveys and Monographs, Volume 40, Number 3.
14. Brian Hartley, G.M. Seitz, A.V. Borovik and R.M. Bryant, Finite and locally finite groups, NATO ASI series, volume 471
15. James E. Humphreys, Conjugacy classes in semisimple algebraic groups
16. James E. Humphreys, Linear algebraic groups
17. James E. Humphreys, Introduction to Lie algebras and representation theory
18. James E. Humphreys, Reflection groups and Coxeter groups
19. Jens Carsten Jantzen, Representations of algebraic groups
20. Peter Kleidman and Martin Liebeck, The subgroup structure of the finite classical groups
21. Martin Liebeck and Gary Seitz, The maximal subgroups of positive dimension in exceptional algebraic groups. Memoir AMS no. 802
22. M. Liebeck and G.M. Seitz, Reductive Subgroups of Exceptional Algebraic groups, Memoir AMS no. 580
23. G.M. Seitz, The maximal subgroups of classical algebraic groups. Mem. AMS 67
24. Gary M. Seitz, Maximal subgroups of exceptional algebraic groups. Mem. AMS 90
25. Tony Springer, Linear algebraic groups

26. Robert Steinberg, Lectures on Chevalley groups
27. Robert Steinberg, collected papers
28. Donald Taylor, The geometry of the classical groups
29. D.M. Testerman, Irreducible subgroups of exceptional algebraic groups, Memoir AMS
390