

## BIBLIOGRAPHY

1. N. Blackburn, *On a special class of  $p$ -groups*, Acta Math., **100** (1958), 45-92.
2. ———, *Generalizations of certain elementary theorems on  $p$ -groups*, Proc. London Math. Soc. (3), **11** (1961), 1-22.
3. R. Brauer, *On the connection between the ordinary and the modular characters of finite groups*, Ann. of Math. (2), **42** (1941), 926-935.
4. W. Burnside, *Theory of Groups of Finite Order*, Cambridge, 1911.
5. ———, *On groups of order  $p^a q^b$* , Proc. London Math. Soc., (2), **2** (1904), 432-437.
6. L. E. Dickson, *Linear Groups*, New York, 1958.
7. W. Feit, *On the structure of Frobenius groups*, Can. J. Math., **9** (1958), 587-596.
8. ———, *On a class of doubly transitive permutation groups*, Ill. J. Math., **4** (1960), 170-186.
9. ———, *Exceptional Characters*, Proceedings of the Symposium in pure mathematics, A.M.S., **6** (1962), 67-70.
10. W. Feit, M. Hall, Jr. and J. G. Thompson, *Finite groups in which the centralizer of any non-identity element is nilpotent*, Math. Zeitschr., **74** (1960), 1-17.
11. W. Feit and J. G. Thompson, *A solvability criterion for finite groups and some consequences*, Proc. Nat. Acad. Sci. **48** (1962), 968-70.
12. M. Hall, Jr., *The Theory of Groups*, New York, 1959.
13. P. Hall, *A note on soluble groups*, J. London Math. Soc., **3** (1928), 98-105.
14. ———, *A contribution to the theory of groups of prime power order*, Proc. London Math. Soc., (2) **36** (1933), 29-95.
15. ———, *A characteristic property of soluble groups*, J. London Math. Soc., **12** (1937), 198-200.
16. ———, *On the Sylow systems of a soluble group*, Proc. London Math. Soc., (2) **43** (1937), 316-323.
17. ———, *On the system normalizers of a soluble group*, Proc. London Math. Soc., (2), **43** (1937), 507-528.
18. ———, *Theorems like Sylows*, Proc. London Math. Soc., (3), **6** (1956), 286-304.
19. ———, *Some sufficient conditions for a group to be nilpotent*, Ill. J. Math., **2** (1958), 787-801.
20. ———, *Lecture Notes*.
21. P. Hall and G. Higman, *The  $p$ -length of a  $p$ -soluble group, and reduction theorems for Burnside's problem*, Proc. London Math. Soc., (3), **7** (1956), 1-42.
22. B. Huppert, *Subnormale untergruppen und Sylowgruppen*, Acta Szeged., **22** (1961), 46-61.
23. ———, *Gruppen mit modularer Sylow-Gruppe*, Math. Zeitschr., **75** (1961), 140-153.
24. M. Suzuki, *On finite groups with cyclic Sylow subgroups for all odd primes*, Amer. J. Math., **77** (1955), 657-691.
25. ———, *A new type of simple groups of finite order*, Proc. Nat. Acad. Sci., **46** (1960), 868-870.
26. J. G. Thompson, *Finite groups with fixed-point-free automorphisms of prime order*, Proc. Nat. Acad. Sci., **45** (1959), 578-581.
27. ———, *Normal  $p$ -complements for finite groups*, Math. Zeitschr., **72** (1960), 332-354.
28. H. Zassenhaus, *The Theory of Groups*, Second Edition, New York, 1958.

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