

Bibliography

Items marked with an asterisk are in Russian.

Articles

- [a1] Asar, A.O., A conjugacy theorem for locally finite groups, *J. London Math. Soc.* (2) **6** (1973), 358–360.
- [a2] Auslander, L., On a problem of Philip Hall, *Ann. Math.* (2) **86** (1967), 112–116.
- [a3] Ayoub, C., On properties possessed by solvable and nilpotent groups, *J. Austral. Math. Soc.* **9** (1969), 218–227.
- [a4] Baer, R., The subgroup of the elements of finite order of an abelian group, *Ann. Math.* **37** (1936), 766–781.
- [a5] Baer, R., Nilpotent groups and their generalizations, *Trans. Amer. Math. Soc.* **47** (1940), 393–434.
- [a6] Baer, R., Representations of groups as quotient groups, *Trans. Amer. Math. Soc.* **58** (1945), 295–419.
- [a7] Baer, R., Finiteness properties of groups, *Duke Math. J.* **15** (1948), 1021–1032.
- [a8] Baer, R., Groups with descending chain condition for normal subgroups, *Duke Math. J.* **16**, (1949), 1–22.
- [a9] Baer, R., Endlichkeitskriterien für Kommutatorgruppen, *Math. Ann.* **124** (1952), 161–177.
- [a10] Baer, R., Nilgruppen, *Math. Z.* **62** (1955), 402–437.
- [a11] Baer, R., Classes of finite groups and their properties, *Illinois J. Math.* **1** (1957), 115–187.
- [a12] Baer, R., Engelsche Elemente Noetherscher Gruppen, *Math. Ann.* **133** (1957), 256–270.
- [a13] Baer, R., Abzählbar erkennbare gruppentheoretische Eigenschaften, *Math. Z.* **79** (1962), 344–363.
- [a14] Baer, R., Polyminimaxgruppen, *Math. Ann.* **175** (1968), 1–43.

- [a15] Baer, R. and Levi, F., Freie Produkte und ihre Untergruppen, *Compositio Math.* **3** (1936), 391–398.
- [a16] Baumslag, G., Automorphism groups of residually finite groups, *J. London Math. Soc.* **38** (1963), 117–118.
- [a17] Bender, H., A group theoretic proof of Burnside's $p^a q^b$ -theorem, *Math. Z.* **126** (1972), 327–338.
- [a18] Birkhoff, G., On the structure of abstract algebras, *Proc. Cambridge Philos. Soc.* **31** (1935), 433–454.
- [a19] Burnside, W., On some properties of groups of odd order II, *Proc. London Math. Soc.* **33** (1901), 257–268.
- [a20] Burnside, W., On an unsettled question in the theory of discontinuous groups, *Quart. J. Pure Appl. Math.* **33** (1902), 230–238.
- [a21] Burnside, W., On groups of order $p^a q^b$, *Proc. London Math. Soc.* (2) **1** (1904), 388–392.
- [a22] Cameron, P.J., Finite permutation groups and finite simple groups, *Bull. London Math. Soc.* **13** (1981), 1–22.
- [a23] Čarin, V.S., *A remark on the minimal condition for subgroups, *Dokl. Akad. Nauk. SSSR* **66** (1949), 575–576.
- [a24] Čarin, V.S., *On soluble groups of type A_3 , *Mat. Sb.* **54** (1961), 489–499.
- [a25] Carter, R.W., Splitting properties of soluble groups, *J. London Math. Soc.* **36** (1961), 89–94.
- [a26] Carter, R.W., Nilpotent self-normalizing subgroups of soluble groups, *Math. Z.* **75** (1961), 136–139.
- [a27] Carter, R.W. and Hawkes, T.O., The \mathfrak{F} -normalizers of a finite soluble group, *J. Algebra* **5** (1967), 176–202.
- [a28] Černikov, S.N., *Infinite locally soluble groups, *Mat. Sb.* **7** (1940), 35–64.
- [a29] Černikov, S.N., *On special p -groups, *Mat. Sb.* **27** (1950), 185–200.
- [a30] Černikov, S.N., *Infinite groups with finite layers, *Mat. Sb.* **22** (1948), 101–133 = *Amer. Math. Soc. Translations* (1) **56** (1951), 51–102.
- [a31] Černikov, S.N., *On groups with finite classes of conjugate elements, *Dokl. Akad. Nauk SSSR* **114** (1957), 1177–1179.
- [a32] Černikov, S.N., *On layer-finite groups, *Mat. Sb.* **45** (1958), 415–416.
- [a33] Černikov, S.N., *Finiteness conditions in the general theory of groups, *Uspehi Mat. Nauk* **14** (1959), 45–96 = *Amer. Math. Soc. Translations* (2) **84** (1969), 1–67.
- [a34] Chevalley, C. Sur certains groupes simples, *Tôhoku Math. J.* (2) **7** (1955), 14–66.
- [a35] Clifford, A.H., Representations induced in an invariant subgroup, *Ann. Math.* **38** (1937), 533–550.
- [a36] Cooper, C.D.H., Power automorphisms of a group, *Math. Z.* **107** (1968), 335–356.
- [a37] Čuniĥin, S.A., *On theorems of Sylow's type, *Dokl. Akad. Nauk. SSSR* **66** (1949), 165–168.
- [a38] Dedekind, R., Über Gruppen, deren sämtliche Teiler Normalteiler sind., *Math. Ann.* **48** (1897), 548–561.
- [a39] Dicman, A.P., *On p -groups, *Dokl. Akad. Nauk. SSSR* **15** (1937), 71–76.
- [a40] Dicman, A.P., Kuroš, A.G. and Uzkov, A.I., Sylowsche Untergruppen von unendlichen Gruppen, *Mat. Sb.* **3** (1938), 178–185.
- [a41] Doerk, K., Minimal nicht überauflösbare, endliche Gruppen, *Math. Z.* **91** (1966), 198–205.
- [a42] Durban, J.R., Residually central elements in groups, *J. Algebra* **9** (1968), 408–413.
- [a43] Dyer, J.L. and Formanek, E., The automorphism group of a free group is complete, *J. London Math. Soc.* (2) **11** (1975), 181–190.

- [a44] Eilenberg, S. and MacLane, S., Cohomology theory in abstract groups I, II, *Ann. Math. (2)* **48** (1947), 51–78, 326–341.
- [a45] Feit, W., The current situation in the theory of finite simple groups, *Actes Congrès Intern. Math. (Nice 1970)*, Vol. 1, 55–93.
- [a46] Feit, W. and Thompson, J.G., Solvability of groups of odd order, *Pacific J. Math.* **13** (1963), 775–1029.
- [a47] Fischer, B., Gaschütz, W., and Hartley, B., Injektoren endlicher auflösbarer Gruppen, *Math. Z.* **102** (1967), 337–339.
- [a48] Fitting, H., Beiträge zur Theorie der Gruppen endlicher Ordnung, *Jahresber. Deutsch. Math. Verein* **48** (1938), 77–141.
- [a49] Frattini, G., Intorno alla generazione dei gruppi di operazioni, *Rend. Atti. Accad. Lincei (4)* **1** (1885), 281–285, 455–457.
- [a50] Frobenius, G., Ueber Relationen zwischen den Charakteren einer Gruppe und denen ihrer Untergruppen, *Berliner Berichte* (1898), 501–515.
- [a51] Frobenius, G., Über auflösbare Gruppen V, *S.-B. Preuss. Akad. Berlin* (1901), 1324–1329.
- [a52] Frobenius, G. and Stickelberger, L., Über Gruppen von vertauschbaren Elementen, *J. Reine Angew. Math.* **86** (1879), 217–262.
- [a53] Gallian, J.A., The search for finite simple groups, *Math. Mag.* **49** (1976), 163–180.
- [a54] Gaschütz, W., Zur Erweiterungstheorie endlicher Gruppen, *J. Reine Angew. Math.* **190** (1952), 93–107.
- [a55] Gaschütz, W., Über die Φ -Untergruppe endlicher Gruppen, *Math. Z.* **58** (1953), 160–170.
- [a56] Gaschütz, W., Gruppen, in denen das Normalteilersein transitiv ist, *J. Reine Angew. Math.* **198** (1957), 87–92.
- [a57] Gaschütz, W., Zur Theorie der endlichen auflösbaren Gruppen, *Math. Z.* **80** (1963), 300–305.
- [a58] Gaschütz, W., Nichtabelsche p -Gruppen besitzen äussere p -Automorphismen, *J. Algebra* **4** (1966), 1–2.
- [a59] Golod, E.S., *On nil-algebras and residually finite p -groups, *Izv. Akad. Nauk SSSR Ser. Mat.* **28** (1964), 273–276 = *Amer. Math. Soc. Translations (2)* **48** (1965), 103–106.
- [a60] Gorčakov, Yu.M., *On locally normal groups, *Mat. Sb.* **67** (1965), 244–254.
- [a61] Grigorčuk, R.I., *Burnside's problem on periodic groups, *Funktsional. Anal. i Prilozhen.* **14** (1980), 53–54.
- [a62] Gruenberg, K.W., Residual properties of infinite soluble groups, *Proc. London Math. Soc. (3)* **7** (1957), 29–62.
- [a63] Gruenberg, K.W., The Engel elements of a soluble group, *Illinois J. Math.* **3** (1959), 151–168.
- [a64] Gruenberg, K.W., The upper central series in soluble groups, *Illinois J. Math.* **5** (1961), 436–466.
- [a65] Grün, O., Beiträge zur Gruppentheorie I, *J. Reine Angew. Math.* **174** (1935), 1–14.
- [a66] Gupta, N.D. and Sidki, S., On the Burnside problem for periodic groups, *Math. Z.* **182** (1983), 385–388.
- [a67] Hall, P., A note on soluble groups, *J. London Math. Soc.* **3** (1928), 98–105.
- [a68] Hall, P., A contribution to the theory of groups of prime-power order, *Proc. London Math. Soc. (2)* **36** (1934), 29–95.
- [a69] Hall, P., A characteristic property of soluble groups, *J. London Math. Soc.* **12** (1937), 198–200.
- [a70] Hall, P., On the Sylow systems of a soluble group, *Proc. London Math. Soc. (2)*, **43** (1937), 316–323.

- [a71] Hall, P., On the system normalizers of a soluble group, *Proc. London Math. Soc.* (2) **43** (1937), 507–528.
- [a72] Hall, P., Finiteness conditions for soluble groups, *Proc. London Math. Soc.* (3) **4** (1954), 419–436.
- [a73] Hall, P., Theorems like Sylow's, *Proc. London Math. Soc.* (3) **6** (1956), 286–304.
- [a74] Hall, P., Finite-by-nilpotent groups, *Proc. Cambridge Philos. Soc.* **52** (1956), 611–616.
- [a75] Hall, P., Some sufficient conditions for a group to be nilpotent, *Illinois J. Math.* **2** (1958), 787–801.
- [a76] Hall, P., Periodic FC-groups, *J. London Math. Soc.* **34** (1959), 289–304.
- [a77] Hall, P., On the finiteness of certain soluble groups, *Proc. London Math. Soc.* (3) **9** (1959), 595–622.
- [a78] Hall, P., The Frattini subgroups of finitely generated groups, *Proc. London Math. Soc.* (3) **11** (1961), 327–352.
- [a79] Hall, P., On non-strictly simple groups, *Proc. Cambridge Philos. Soc.* **59** (1963), 531–553.
- [a80] Hall, P. and Higman, G., On the p -length of p -soluble groups and reduction theorems for Burnside's problem, *Proc. London Math. Soc.* (3) **6** (1956), 1–42.
- [a81] Hall, P. and Kulatilaka, C.R., A property of locally finite groups, *J. London Math. Soc.* **39** (1964), 235–239.
- [a82] Hartley, B., The residual nilpotence of wreath products, *Proc. London Math. Soc.* (3) **20** (1970), 365–392.
- [a83] Hartley, B., A note on the normalizer condition, *Proc. Cambridge Philos. Soc.* **74** (1973), 11–15.
- [a84] Hawkes, T.O., On formation subgroups of a finite soluble group, *J. London Math. Soc.* **44** (1969), 243–250.
- [a85] Head, T.J., Note on the occurrence of direct factors in groups, *Proc. Amer. Math. Soc.* **15** (1964), 193–195.
- [a86] Heineken, H., Eine Bemerkung über engelsche Elemente, *Arch. Math.* (Basel) **11** (1960), 321.
- [a87] Heineken, H., Engelsche Elemente der Länge drei, *Illinois J. Math.* **5** (1961), 681–707.
- [a88] Heineken, H. and Mohamed, I.J., A group with trivial centre satisfying the normalizer condition, *J. Algebra* **10** (1968), 368–376.
- [a89] Higman, G., The units of group-rings, *Proc. London Math. Soc.* (2) **46** (1940), 231–248.
- [a90] Higman, G., A finitely generated infinite simple group, *J. London Math. Soc.* **26** (1951), 61–64.
- [a91] Higman, G., Complementation of abelian normal subgroups, *Publ. Math. Debrecen* **4** (1956), 455–458.
- [a92] Higman, G., Subgroups of finitely presented groups, *Proc. Roy. Soc. London Ser. A* **262** (1961), 455–475.
- [a93] Higman, G., Neumann, B.H., and Neumann, H., Embedding theorems for groups, *J. London Math. Soc.* **24** (1949), 247–254.
- [a94] Hirsch, K.A., On infinite soluble groups I, *Proc. London Math. Soc.* (2) **44** (1938), 53–60.
- [a95] Hirsch, K.A., On infinite soluble groups II, *Proc. London Math. Soc.* (2) **44** (1938), 336–344.
- [a96] Hirsch, K.A., On infinite soluble groups III, *Proc. London Math. Soc.* (2) **49** (1946), 184–194.
- [a97] Hirsch, K.A., On infinite soluble groups IV, *J. London Math. Soc.* **27** (1952), 81–85.

- [a98] Hirsch, K.A., On infinite soluble groups V, *J. London Math. Soc.* **29** (1954), 250–251.
- [a99] Hirsch, K.A., Über lokal-nilpotente Gruppen, *Math. Z.* **63** (1955), 290–294.
- [a100] Hölder, O., Bildung zusammengesetzter Gruppen, *Math. Ann* **46** (1895), 321–422.
- [a101] Hopf, H., Über die Bettischen Gruppen, die zu einer beliebigen Gruppe gehören, *Comment. Math. Helv.* **17** (1944/45), 39–79.
- [a102] Hulse, J. A., Automorphism towers of polycyclic groups, *J. Algebra* **16** (1970), 347–398.
- [a103] Huppert, B., Normalteiler und maximale Untergruppen endlicher Gruppen, *Math. Z.* **60** (1954), 409–434.
- [a104] Itô, N., Note on S -groups, *Proc. Japan Acad.* **29** (1953), 149–150.
- [a105] Iwasawa, K., Über die endlichen Gruppen und die Verbände ihrer Untergruppen, *J. Univ. Tokyo* **4** (1941), 171–199.
- [a106] Iwasawa, K., Einige Sätze über freie Gruppen, *Proc. Imp. Acad. Tokyo* **19** (1943), 272–274.
- [a107] Jategaonkar, A.V., Integral group rings of polycyclic-by-finite groups, *J. Pure Appl. Algebra* **4** (1974), 337–343.
- [a108] Jordan, C., Recherches sur les substitutions, *J. Math. Pure Appl.* (2) **17** (1872), 351–363.
- [a109] Kalužnin, L.A., Über gewisse Beziehungen zwischen einer Gruppe und ihren Automorphismen, *Berlin Math. Tagung* (1953), 164–172.
- [a110] Kalužnin, L. and Krasner, M., Produit complet des groupes de permutations et problème d'extension des groupes, *Acta Sci. Math. Szeged.* **13** (1950), 208–230, **14** (1951), 39–66, 69–82.
- [a111] Kappe, L.-C. and Kappe, W.P., On three-Engel groups, *Bull. Austral. Math. Soc.* **7** (1972), 391–405.
- [a112] Kargapolov, M.I., *On a problem of O. Yu Schmidt, *Sibirsk Math. Ž.* **4** (1963), 232–235.
- [a113] Kegel, O.H., Produkte nilpotenter Gruppen, *Arch. Math. (Basel)* **12** (1961), 90–93.
- [a114] Kegel, O.H., Noethersche 2-Gruppen sind endlich, *Monatsh. Math.* **71** (1967), 424–426.
- [a115] Kegel, O.H. and Wehrfritz, B.A.F., Strong finiteness conditions in locally finite groups, *Math. Z.* **117** (1970), 309–324.
- [a116] Kolchin, E.R., On certain concepts in the theory of algebraic matrix groups, *Ann. Math.* (2) **49** (1948), 774–789.
- [a117] Kostrikin, A.I., *The Burnside problem, *Izv. Akad. Nauk SSSR Ser. Mat.* **23** (1959), 3–34.
- [a118] Krull, W., Über verallgemeinerte endliche Abelsche Gruppen, *Math. Ann.* **23** (1925), 161–196.
- [a119] Kulikov, L.Ya., *On the theory of abelian groups of arbitrary cardinality, *Mat. Sb.* **9** (1941), 165–182.
- [a120] Kulikov, L.Ya., *On the theory of abelian groups of arbitrary power, *Mat. Sb.* **16** (1945), 129–162.
- [a121] Kuroš, A.G., Die Untergruppen der freien Produkte von beliebigen Gruppen, *Math. Ann.* **109** (1934), 647–660.
- [a122] Kuroš, A.G. and Černikov, S.N., *Soluble and nilpotent groups, *Uspehi Mat. Nauk* **2** (1947), 18–59 = *Amer. Math. Soc. Translations* **80** (1953).
- [a123] Lennox, J.C. and Roseblade, J.E., Centrality in finitely generated soluble groups, *J. Algebra* **16** (1970), 399–435.
- [a124] Levi, F.W., Groups in which the commutator operation satisfies certain algebraic conditions, *J. Indian Math. Soc.* **6** (1942), 87–97.

- [a125] Levi, F.W. and van der Waerden, B.L., Über eine besondere Klasse von Gruppen, *Abh. Math. Sem. Univ. Hamburg* **9** (1932), 154–158.
- [a126] Lyndon, R.C., The cohomology theory of group extensions, *Duke Math. J.* **15** (1948), 271–292.
- [a127] MacLane, S., Cohomology theory in abstract groups III, *Ann. Math. (2)* **50** (1949), 736–761.
- [a128] MacLane, S., A proof of the subgroup theorem for free products, *Mathematika* **5** (1958), 13–19.
- [a129] Magnus, W., Beziehungen zwischen Gruppen und Idealen in einem speziellen Ring, *Math. Ann.* **111** (1935), 259–280.
- [a130] Magnus, W., Über freie Faktorgruppen und freie Untergruppen gegebener Gruppen, *Monatsh. Math. Phys.* **47** (1939), 307–313.
- [a131] Mal'cev, A.I., *On the faithful representation of infinite groups by matrices, *Mat. Sb.* **8** (1940), 405–422 = *Amer. Math. Soc. Translations (2)* **45** (1965), 1–18.
- [a132] Mal'cev, A.I., *On a general method of obtaining local theorems in group theory, *Ivanov. Gos. Ped. Inst. Učen. Zap.* **1** (1941), 3–9.
- [a133] Mal'cev, A.I., *Generalized nilpotent algebras and their adjoint groups, *Mat. Sb.* **25** (1949), 347–366 = *Amer. Math. Soc. Translations (2)* **69** (1968), 1–21.
- [a134] Mal'cev, A.I., *On certain classes of infinite soluble groups, *Math. Sb.* **28** (1951), 567–588 = *Amer. Math. Soc. Translations (2)* **2** (1956), 1–21.
- [a135] Mal'cev, A.I., *Homomorphisms of finite groups, *Ivanov Gos. Ped. Inst. Učen. Zap.* **18** (1958), 49–60.
- [a136] Mathieu, E., Mémoire sur l'étude des fonctions de plusieurs quantités, *J. Math. Pures Appl. (2)* **6** (1861), 241–323.
- [a137] Mathieu, E., Sur la fonction cinq fois transitive de 24 quantités, *J. Math. Pures Appl. (2)* **18** (1873), 25–46.
- [a138] McLain, D.H., A characteristically-simple group, *Proc. Cambridge Philos. Soc.* **50** (1954), 641–642.
- [a139] McLain, D.H., On locally nilpotent groups, *Proc. Cambridge Philos. Soc.* **52** (1956), 5–11.
- [a140] McLain, D.H., Finiteness conditions in locally soluble groups, *J. London Math. Soc.* **34** (1959), 101–107.
- [a141] Meldrum, J.D.P., On the Heineken–Mohamed groups, *J. Algebra* **27** (1973), 437–444.
- [a142] Neumann, B.H., Identical relations in groups I, *Math. Ann.* **114** (1937), 506–525.
- [a143] Neumann, B.H., Groups with finite classes of conjugate elements, *Proc. London Math. Soc. (3)* **1** (1951), 178–187.
- [a144] Neumann, B.H., An essay on free products of groups with amalgamations, *Philos. Trans. Roy. Soc. A* **246** (1954), 503–554.
- [a145] Neumann, B.H. and Neumann, H., Embedding theorems for groups, *J. London Math. Soc.* **34** (1959), 465–479.
- [a146] Newman, M.F., On a class of nilpotent groups, *Proc. London Math. Soc. (3)* **10** (1960), 365–375.
- [a147] Newman, M.F., The soluble length of soluble linear groups, *Math. Z.* **126** (1972), 59–70.
- [a148] Newman, M.F., Problems, in “Burnside Groups”, *Lecture Notes in Math.* Vol. 806, Springer-Verlag, Berlin (1980), 249–254.
- [a149] Nielsen, J., Om Regning med ikke kommutative Faktorer og dens Anvendelse i Gruppeteorien, *Mat. Tidssk. B* (1921), 77–94.
- [a150] Novikov, P.S. and Adjan, S.I., *Infinite periodic groups, *Izv. Akad. Nauk SSSR Ser. Mat.* **32** (1968), 212–244, 251–524, 709–731 = *Math. USSR-Izv* **2** (1968) 209–236, 241–479, 665–685.

- [a151] Novikov, P.S. and Adjan, S.I., *Commutative subgroups and the conjugacy problem in free periodic groups of odd order, *Izv. Akad. Nauk SSSR Ser. Mat.* **32** (1968), 1176–1190 = *Math. USSR-Izv.* **2** (1968), 1131–1144.
- [a152] Ol'sanskii, A.Yu, *An infinite group with subgroups of prime orders, *Izv. Akad. Nauk. SSSR Ser. Mat.* **44** (1980), 309–321.
- [a153] Peng, T.A., Engel elements of groups with maximal condition on abelian subgroups. *Nanta Math.* **1** (1966), 23–28.
- [a154] Peng, T.A., Finite groups with pro-normal subgroups, *Proc. Amer. Math. Soc.* **20** (1969), 232–234.
- [a155] Phillips, R.E. and Roseblade, J.E., A residually central group that is not a Z-group, *Michigan Math. J.* **25** (1978), 233–234.
- [a156] Plotkin, B.I., *On some criteria of locally nilpotent groups, *Uspehi Mat. Nauk* **9** (1954), 181–186 = *Amer. Math. Soc. Translations* (2) **17** (1961), 1–7.
- [a157] Plotkin, B.I., *Radical groups, *Mat. Sb.* **37** (1955), 507–526 = *Amer. Math. Soc. Translations* (2) **17** (1961), 9–28.
- [a158] Plotkin, B.I., *Generalized soluble and nilpotent groups, *Uspehi Mat. Nauk* **13** (1958), 89–172 = *Amer. Math. Soc. Translations* (2) **17** (1961), 29–115.
- [a159] Polovickii, Ya.D., *Layer-extremal groups, *Mat. Sb.* **56** (1962), 95–106.
- [a160] Prüfer, H., Untersuchungen über die Zerlegbarkeit der abzählbaren primären Abelschen Gruppen, *Math. Z.* **17** (1923), 35–61.
- [a161] Rae, A. and Roseblade, J.E., Automorphism towers of extremal groups, *Math. Z.* **117** (1970), 70–75.
- [a162] Razmyslov, Yu.P., The Hall–Higman Problem, *Izv. Akad. Nauk. SSSR Ser. Mat.* **42** (1978), 833–867.
- [a163] Remak, R., Über die Zerlegung der endlichen Gruppen in direkte unzerlegbare Faktoren, *J. Reine Angew. Math.* **139** (1911), 293–308.
- [a164] Remak, R., Über minimale invariante Untergruppen in der Theorie der endlichen Gruppen, *J. Reine Angew. Math.* **162** (1930), 1–16.
- [a165] Remak, R., Über die Darstellung der endlichen Gruppen als Untergruppen direkter Produkte, *J. Reine Angew. Math.* **163** (1930), 1–44.
- [a166] Robinson, D.J.S., Groups in which normality is a transitive relation, *Proc. Cambridge Philos. Soc.* **60** (1964), 21–38.
- [a167] Robinson, D.J.S., Joins of subnormal subgroups, *Illinois J. Math.* **9** (1965), 144–168.
- [a168] Robinson, D.J.S., On the theory of subnormal subgroups, *Math. Z.* **89** (1965), 30–51.
- [a169] Robinson, D.J.S., A note on finite groups in which normality is transitive, *Proc. Amer. Math. Soc.* **19** (1968), 933–937.
- [a170] Robinson, D.J.S., Hypercentral ideals, noetherian modules and a theorem of Stroud, *J. Algebra* **32** (1974), 234–239.
- [a171] Robinson, D.J.S., A new treatment of soluble groups with finiteness conditions on their abelian subgroups, *Bull. London Math. Soc.* **8** (1976), 113–129.
- [a172] Robinson, D.J.S., Recent results on finite complete groups, in *Algebra Carbonale 1980*, Lecture Notes in Math. Vol. 848, Springer-Verlag, Berlin (1981), 178–185.
- [a173] Roseblade, J.E., On certain subnormal coalition classes, *J. Algebra* **1** (1964), 132–138.
- [a174] Roseblade, J.E., On groups in which every subgroup is subnormal, *J. Algebra* **2** (1965), 402–412.
- [a175] Roseblade, J.E., The permutability of orthogonal subnormal subgroups, *Math. Z.* **90** (1965), 365–372.

- [a176] Roseblade, J.E., A note on subnormal coalition classes, *Math. Z.* **90** (1965), 373–375.
- [a177] Roseblade, J.E., The derived series of a join of subnormal subgroups, *Math. Z.* **117** (1970), 57–69.
- [a178] Roseblade, J.E., The integral group rings of hypercentral groups, *Bull. London Math. Soc.* **3** (1971), 351–355.
- [a179] Roseblade, J.E., Group rings of polycyclic groups, *J. Pure Appl. Algebra* **3** (1973), 307–321.
- [a180] Roseblade, J.E., Applications of the Artin–Rees lemma to group rings, *Symposia Math.* **17** (1976), 471–478.
- [a181] Roseblade, J.E. and Stonehewer, S.E., Subjunctive and locally coalescent classes of groups, *J. Algebra* **8** (1968), 423–435.
- [a182] Sanov, I.N., *Solution of Burnside’s problem for exponent 4, *Leningrad State Univ. Annals (Učen. Zap.) Mat. Ser.* **10** (1940), 166–170.
- [a183] Schenkman, E., The splitting of certain solvable groups, *Proc. Amer. Math. Soc.* **6** (1955), 286–290.
- [a184] Schenkman, E., On the norm of a group, *Illinois J. Math.* **4** (1960), 150–152.
- [a185] Schmid, P., Every saturated formation is a local formation, *J. Algebra* **51** (1978), 144–148.
- [a186] Schmidt, O.J., Sur les produits directs, *Bull. Soc. Math. France* **41** (1913), 161–164.
- [a187] Schmidt, O.J., Über Gruppen, deren sämtliche Teiler spezielle Gruppen sind, *Rec. Math. Moscow* **31** (1924), 366–372.
- [a188] Schmidt, O.J., *Infinite soluble groups, *Mat. Sb.* **17** (1945), 145–162.
- [a189] Schmidt, O.J., *The local finiteness of a class of periodic groups, *Ivbr. Trudi* (1959), 298–300, German translation *Math. Forschungsberichte Bd. 20* (1973), 79–81.
- [a190] Schreier, O., Über die Erweiterung von Gruppen I, *Monatsh. Math. Phys.* **34** (1926), 165–180.
- [a191] Schreier, O., Über die Erweiterung von Gruppen II, *Abh. Math. Sem. Univ. Hamburg* **4** (1926), 321–346.
- [a192] Schreier, O., Die Untergruppen der freien Gruppen, *Abh. Math. Sem. Univ. Hamburg* **5** (1927), 161–183.
- [a193] Schur, I., Neuer Beweis eines Satzes über endliche Gruppen, *S.-B. Preuss Akad. Berlin* (1902), 1013–1019.
- [a194] Schur, I., Über die Darstellung der endlichen Gruppen durch gebrochene lineare Substitutionen, *J. Reine Angew. Math.* **127** (1904), 20–50.
- [a195] Schur, I., Untersuchungen über die Darstellungen der endlichen Gruppen durch gebrochene lineare Substitutionen, *J. Reine Angew. Math.* **132** (1907), 85–137.
- [a196] Seksenbaev, K., *On the theory of polycyclic groups. *Algebra i Logika* **4** (1965), 79–83.
- [a197] Šmelkin, A.L., *Polycyclic groups, *Sibirsk. Mat. Ž.* **9** (1968), 234–235 = *Siberian Math. J.* **9** (1968), 178.
- [a198] Specker, E., Additive Gruppen von Folgen ganzer Zahlen, *Portugal. Math.* **9** (1950), 131–140.
- [a199] Stewart, A.G.R., On the class of certain nilpotent groups, *Proc. Roy. Soc. London Ser. A* **292** (1966), 374–379.
- [a200] Stonehewer, S.E., The join of finitely many subnormal subgroups, *Bull. London Math. Soc.* **2** (1970), 77–82.
- [a201] Stonehewer, S.E., Permutable subgroups of infinite groups, *Math. Z.* **125** (1972), 1–16.
- [a202] Strebel, R., Finitely presented soluble groups, in *Group Theory, Essays for Philip Hall*, Cambridge University Press, Cambridge (1984).

- [a203] Sunkov, V.P., *On locally finite groups with a minimality condition for abelian subgroups, *Algebra i Logika* **9** (1970), 579–615 = *Algebra and Logic* **9** (1970), 350–370.
- [a204] Šunkov, V.P., *Locally finite groups of finite rank, *Algebra i Logika* **10** (1971), 199–225 = *Algebra and Logic* **10** (1971), 127–142.
- [a205] Swan, R.G., Representations of polycyclic groups, *Proc. Amer. Math. Soc.* **18** (1967), 573–574.
- [a206] Sylow, L., Théorèmes sur les groupes de substitutions, *Math. Ann.* **5** (1872), 584–594.
- [a207] Taunt, D., On A -groups, *Proc. Cambridge Philos. Soc.* **45** (1949), 24–42.
- [a208] Thompson, J.G., Finite groups with fixed-point-free automorphisms of prime order, *Proc. Nat. Acad. Sci. U.S.A.* **45** (1959), 578–581.
- [a209] Thompson, J.G., Normal p -complements for finite groups, *J. Algebra* **1** (1964), 43–46.
- [a210] Ulm, H., Zur Theorie der abzählbar-unendlichen Abelschen Gruppen, *Math. Ann.* **107** (1933), 774–803.
- [a211] Wehrfritz, B.A.F., Frattini subgroups in finitely generated linear groups, *J. London Math. Soc.* **43** (1968), 619–622.
- [a212] Weir, A.J., The Reidemeister–Schreier and Kuroš Subgroup Theorems, *Mathematika* **3** (1956), 47–55.
- [a213] Wiegold, J., Groups with boundedly finite classes of conjugate elements, *Proc. Roy. Soc. London Ser. A* **238** (1957), 389–401.
- [a214] Wielandt, H., Eine Kennzeichnung der direkten Produkte von p -Gruppen, *Math. Z.* **41** (1936), 281–282.
- [a215] Wielandt, H., Eine Verallgemeinerung der invarianten Untergruppen, *Math. Z.* **45** (1939), 209–244.
- [a216] Wielandt, H., Zum Satz von Sylow, *Math. Z.* **60** (1954), 407–408.
- [a217] Wielandt, H., Vertauschbare nachinvariante Untergruppen, *Abh. Math. Sem. Univ. Hamburg* **21** (1957), 55–62.
- [a218] Wielandt, H., Über den Normalisator der subnormalen Untergruppen, *Math. Z.* **69** (1958), 463–465.
- [a219] Wielandt, H., Über Produkte von nilpotenten Gruppen, *Illinois J. Math.* **2** (1958), 611–618.
- [a220] Wielandt, H., Über die Existenz von Normalteilern in endlichen Gruppen, *Math. Nachr.* **18** (1958), 274–280.
- [a221] Wielandt, H., Über die Normalstruktur von mehrfach faktorisierten Gruppen, *J. Austral. Math. Soc.* **1** (1960), 143–146.
- [a222] Wilson, J.S., Some properties of groups inherited by normal subgroups of finite index, *Math. Z.* **114** (1970), 19–21.
- [a223] Wilson, J.S., On periodic generalized nilpotent groups, *Bull. London Math. Soc.* **9** (1977), 81–85.
- [a224] Witt, E., Die 5-fach transitiven Gruppen von Mathieu, *Abh. Math. Sem. Univ. Hamburg* **12** (1938), 256–264.
- [a225] Wong, W.J., On finite groups whose 2-Sylow subgroups have cyclic subgroups of index 2, *J. Austral. Math. Soc.* **4** (1964), 90–112.
- [a226] Zaičev, D.I., *On groups which satisfy a weak minimality condition, *Mat. Sb.* **78** (1969), 323–331 = *Math. USSR Sb.* **7** (1969), 315–322.
- [a227] Zappa, G., Sui gruppi di Hirsch supersolubili, *Rend. Sem. Mat. Univ. Padova* **12** (1941), 1–11, 62–80.
- [a228] Zassenhaus, H., Über endliche Fastkörper, *Abh. Math. Sem. Univ. Hamburg* **11** (1936), 187–220.
- [a229] Zassenhaus, H., Beweis eines Satzes über diskrete Gruppen, *Abh. Math. Sem. Univ. Hamburg* **12** (1938), 289–312.
- [a230] Zorn, M., Nilpotency of finite groups, *Bull. Amer. Math. Soc.* **42** (1936), 485–486.

Books

- [b1] Adjan, S.I., *The Burnside Problem and Identities in Groups*, translated from the Russian by J.C. Lennox and J. Wiegold, Springer-Verlag, Berlin (1978).
- [b2] Aschbacher, M., *Finite Group Theory*, Cambridge University Press, New York (1986).
- [b3] Atiyah, M.F. and Macdonald, I.G., *Introduction to Commutative Algebra*, Addison-Wesley, Reading, MA (1969).
- [b4] Baumslag, G., *Lecture Notes on Nilpotent Groups*, American Mathematical Society, Providence, RI (1971).
- [b5] Bieri, R., *Homological Dimension of Discrete Groups*, Queen Mary College Mathematics Notes, London (1976).
- [b6] Blackburn, N. and Huppert, B., *Finite Groups*, Springer-Verlag, Berlin (1967–82).
- [b7] Burnside, W., *Theory of Groups of Finite Order*, 2nd edn., Cambridge University Press, Cambridge (1911) (Dover reprint 1955).
- [b8] Cartan, H. and Eilenberg, S., *Homological Algebra*, Princeton University Press, Princeton, NJ (1956).
- [b9] Carter, R.W., *Simple Groups of Lie Type*, Wiley-Interscience, New York (1972).
- [b10] Conway, J.H., Curtis, R.T., Norton, S.P., Parker, R.A., Wilson, R.A., *ATLAS of Finite Groups*, Oxford University Press, New York (1985).
- [b11] Coxeter, H.S.M., *Introduction to Geometry*, Wiley, New York (1961).
- [b12] Coxeter, H.S.M. and Moser, W.O.J., *Generators and Relations for Discrete Groups*, 3rd edn., Springer-Verlag, Berlin (1972).
- [b13] Curtis, C.W., and Reiner, I., *Methods of Representation Theory*, Wiley, New York (1981).
- [b14] Dickson, L.E., *Linear Groups with an Exposition of the Galois Field Theory*, Teubner, Leipzig (1901) (Dover reprint 1958).
- [b15] Dixon, J.D., *Problems in Group Theory*, Blaisdell, Waltham, MA (1967).
- [b16] Dixon, J.D., *The Structure of Linear Groups*, Van Nostrand, London (1971).
- [b17] Dixon, J.D. and Puttaswamaiah, B.M., *Modular Representations of Finite Groups*, Academic Press, New York (1977).
- [b18] Dixon, M.R., *Sylow Theory, Formations and Fitting Classes in Locally Finite Groups*, World Scientific, Singapore (1994).
- [b19] Doerk, K. and Hawkes, T.O., *Finite Soluble Groups*, de Gruyter, Berlin (1992).
- [b20] Dornhoff, L., *Group Representation Theory*, 2 vols., Marcel Dekker, New York (1971).
- [b21] Epstein, D.B.A., *Word Processing in Groups*, Jones and Bartlet, Boston (1992).
- [b22] Feit, W., *Characters of Finite Groups*, Benjamin, New York (1967).
- [b23] Fricke, R. and Klein, F., *Vorlesungen über die Theorie der Elliptischen Modul-funktionen*, 2 vols., Teubner, Leipzig (1890–2).
- [b24] Fuchs, L., *Abelian Groups*, Pergamon, Oxford, UK (1960).
- [b25] Fuchs, L., *Infinite Abelian Groups*, 2 vols., Academic Press, New York (1970–3).
- [b26] Gorenstein, D., *Finite Groups*, Harper & Row, New York (1968).
- [b27] Gorenstein, D., *Finite Simple Groups*, Plenum Press, New York (1982).
- [b28] Griffith, P.A., *Infinite Abelian Group Theory*, University of Chicago Press, Chicago (1970).
- [b29] Gruenberg, K.W., *Cohomological Topics in Group Theory*, Lecture Notes in Math., vol. 143, Springer-Verlag, Berlin (1970).

- [b30] Gupta, N.D., *Burnside Groups and Related Topics*, University of Manitoba, Winnipeg (1976).
- [b31] Hall, M., *The Theory of Groups*, Macmillan, New York (1959).
- [b32] Hall, P., *The Edmonton Notes on Nilpotent Groups*, Queen Mary College Mathematics Notes, London (1969).
- [b33] Herstein, I.N., *Topics in Ring Theory*, University of Chicago Press, Chicago (1969).
- [b34] Hilton, P.J. and Stammbach, U., *A Course in Homological Algebra*, Springer-Verlag, New York (1970).
- [b35] Johnson, D.L., *Presentations of Groups*, London Mathematical Society Lecture Notes Series 22, Cambridge (1976).
- [b36] Jordan, C., *Traité des Substitutions et des Équations Algébriques*, Gauthier-Villars (1870) (Blanchard reprint 1957).
- [b37] Kaplansky, I., *Infinite Abelian Groups*, 2nd edn., University of Michigan Press, Ann Arbor, MI (1969).
- [b38] Kargapolov, M.I. and Merzljakov, Ju.I., *Fundamentals of the Theory of Groups*, 2nd edn., translated from the Russian by R.G. Burns, Springer-Verlag, New York (1979).
- [b39] Kegel, O.H. and Wehrfritz, B.A.F., *Locally Finite Groups*, North-Holland, Amsterdam (1973).
- [b40] Kuroš, A.G., *The Theory of Groups*, 2nd edn., 2 vols., translated from the Russian by K.A. Hirsch, Chelsea, New York (1960).
- [b41] Kuroš, A.G., *Gruppentheorie*, 3rd edn., 2 vols., German translation, Akademie-Verlag, Berlin (1972).
- [b42] Lennox, J.C. and Stonehewer, S.E., *Subnormal Subgroups*, Oxford University Press, New York (1987).
- [b43] Lyndon, R.C. and Schupp, P.E., *Combinatorial Group Theory*, Springer-Verlag, Berlin (1977).
- [b44] MacLane, S., *Homology*, Springer-Verlag, Berlin (1967).
- [b45] Magnus, W., Karrass, A., and Solitar, D., *Combinatorial Group Theory*, Wiley-Interscience, New York (1966).
- [b46] Miller, C.F. III, *On Group Theoretic Decision Problems and Their Classification*, Princeton University Press, Princeton, NJ (1971).
- [b47] Neumann, B.H., *Lectures on Topics in the Theory of Infinite Groups*, Tata Institute, Bombay (1960).
- [b48] Neumann, H., *Varieties of Groups*, Springer-Verlag, Berlin (1967).
- [b49] Passi, I.B.S., *Group Rings and Their Augmentation Ideals*, Lecture Notes in Math., Vol. 715, Springer-Verlag, Berlin (1979).
- [b50] Passman, D.S., *Permutation Groups*, Benjamin, New York (1968).
- [b51] Passman, D.S., *The Algebraic Structure of Group Rings*, Wiley-Interscience, New York (1977).
- [b52] Plotkin, B.I., *Groups of Automorphisms of Algebraic Systems*, translated from the Russian by K.A. Hirsch, Wolters-Noordhoff, Groningen (1972).
- [b53] Robinson, D.J.S., *Infinite Soluble and Nilpotent Groups*, Queen Mary College Mathematics Notes, London (1968).
- [b54] Robinson, D.J.S., *Finiteness Conditions and Generalized Soluble Groups*, 2 vols., Springer-Verlag, Berlin (1972).
- [b55] Robinson, G. de B., *Representation Theory of the Symmetric Group*, Toronto (1961).
- [b56] Rose, J.S., *A Course on Group Theory*, Cambridge University Press, Cambridge (1978).
- [b57] Rotman, J.J., *An Introduction to the Theory of Groups*, 4th edn., Springer-Verlag, New York (1995).

- [b58] Schenkman, E., *Group Theory*, Van Nostrand, Princeton, NJ (1965).
- [b59] Schmidt, O.J., *Abstract Theory of Groups*, 2nd edn., translated from the Russian by F. Holling and J.B. Roberts, Freeman, San Francisco (1966).
- [b60] Scott, W.R., *Group Theory*, Prentice-Hall, Englewood Cliffs, NJ (1964).
- [b61] Segal, D., *Polycyclic Groups*, Cambridge University Press, New York (1983).
- [b62] Serre, J.-P., *Linear Representations of Finite Groups*, translated from the French by L.L. Scott, Springer-Verlag, New York (1977).
- [b63] Specht, W., *Gruppentheorie*, Springer-Verlag, Berlin (1956).
- [b64] Speiser, A., *Die Theorie der Gruppen von Endlicher Ordnung*, 3rd edn., Springer-Verlag, Berlin (1937).
- [b65] Steinberg, R., *Lectures on Chevalley Groups*, Yale University Press, New Haven (1967).
- [b66] Suprunenko, D.A., *Soluble and Nilpotent Linear Groups*, Translation of Mathematics Monographs, American Mathematical Society (1963).
- [b67] Suzuki, M., *Structure of a Group and the Structure of Its Lattice of Subgroups*, Springer-Verlag, Berlin (1956).
- [b68] Suzuki, M., *Group Theory*, Springer-Verlag, Berlin (1982).
- [b69] Tomkinson, M.J., *FC-Groups*, Pitman, Boston (1984).
- [b70] Vaughan-Lee, M., *The Restricted Burnside Problem*, Oxford University Press, New York (1993).
- [b71] Wehrfritz, B.A.F., *Infinite Linear Groups*, Springer-Verlag, Berlin (1973).
- [b72] Weinstein, M., *Examples of Groups*, Polygonal, Passaic, NJ (1977).
- [b73] Weiss, E., *Algebraic Number Theory*, McGraw-Hill, New York (1963).
- [b74] Wielandt, H., *Finite Permutation Groups*, translated from the German by R. Bercov, Academic Press, New York (1964).
- [b75] Zassenhaus, H., *The Theory of Groups*, 2nd English edn., Chelsea, New York (1958).