

Bibliografia

- [1] A.A. ALBERT: “Structure of Algebras”, *American Mathematical Society Colloquium Publications*, Providence, vol. 24 (1961).
- [2] J. ALCAZAR - J. OTAL: “Sylow subgroups of groups with Černikov conjugacy classes”, *J. Algebra* 110 (1987), 507–513.
- [3] R. BAER: “Der Kern, eine charakteristische Untergruppe”, *Compositio Math.* 1 (1934), 254–283.
- [4] R. BAER: “Sylow theorems for infinite groups”, *Duke Math. J.* 6 (1940), 598–614.
- [5] R. BAER: “Finiteness properties of groups”, *Duke Math. J.* 15 (1948), 1021–1032.
- [6] R. BAER: “Endlichkeitskriterien für Kommutatorgruppen”, *Math. Ann.* 124 (1952), 161–177.
- [7] R. BAER: “Auflösbare Gruppen mit Maximalbedingung”, *Math. Ann.* 129 (1955), 139–173.
- [8] R. BAER: “Finite extensions of abelian groups with minimum condition”, *Trans. Amer. Math. Soc.* 79 (1955), 521–540.
- [9] J.C. BEIDLEMAN - H. HEINEKEN - M.L. NEWELL: “Centre and norm”, *Bull. Austral. Math. Soc.* 69 (2004), 457–464.
- [10] V.V. BELYAEV: “Minimal non-FC-groups”, *Sixth All-Union Symposium on Group Theory (Čerkassy 1978)*, Naukova Dumka, Kiev (1978), 97–102.
- [11] V.V. BELYAEV: “Groups of the Miller-Moreno type”, *Siberian Math. J.* 19 (1978), 356–360.
- [12] V.V. BELYAEV - M. KUZUCUOĞLU - E. SECKIN: “Totally inert groups”, *Rend. Sem. Mat. Univ. Padova* 102 (1999), 151–156.
- [13] V.V. BELYAEV - N.F. SESEKIN: “On infinite groups of Miller-Moreno type”, *Acta Math. Acad. Sci. Hungar.* 26 (1975), 369–376.
- [14] B. BRUNO - R.E. PHILLIPS: “Minimal non-FC groups”, *Abstracts Amer. Math. Soc.* 2 (1980), 565.
- [15] B. BRUNO - R.E. PHILLIPS: “Groups with restricted non-normal subgroups”, *Math. Z.* 176 (1981), 199–221.
- [16] J. BUCKLEY - J.C. LENNOX - B.H. NEUMANN - H. SMITH - J. WIEGOLD: “Groups with all subgroups normal-by-finite”, *J. Austral. Math. Soc. Ser. A* 59 (1995), 384–398.
- [17] S.N. ČERNIKOV: “On the structure of groups with finite classes of conjugate elements”, *Dokl. Akad. Nauk. SSSR* 115 (1957), 60–63.

- [18] G.H. CLIFF - S.K. SEGHAL: “Group rings whose units form an FC-group”, *Math. Z.* 161 (1978), 163–168.
- [19] S.P. COELO - C. POLCINO MILIES: “Group rings whose torsion units form a subgroup”, *Proc. Edinburgh Math. Soc.* 37 (1994), 201–205.
- [20] C.D.H. COOPER: “Power automorphisms of a group”, *Math. Z.* 107 (1968), 335–356.
- [21] C. DAVID - J. WIEGOLD: “6-BFC groups”, *Rend. Sem. Mat. Univ. Padova* 115 (2006), 265–272.
- [22] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA: “Groups in which every subgroup is permutable-by-finite”, *Comm. Algebra* 32 (2004), 1007–1017.
- [23] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA: “Groups in which every subgroup is modular-by-finite”, *Bull. Austral. Math. Soc.* 69 (2004), 441–450.
- [24] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA: “The Schur property for subgroup lattices of groups”, *Arch. Math. (Basel)* 91 (2008), 97–105.
- [25] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA: “Groups whose finite homomorphic images are metahamiltonian”, *Comm. Algebra* 37 (2009), 2468–2476.
- [26] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA - R. SCHMIDT: “Detecting the index of a subgroup in the subgroup lattice”, *Proc. Amer. Math. Soc.* 133 (2005), 979–985.
- [27] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA - Y.P. SYSAK: “Groups in which every subgroup is nearly permutable”, *Forum Math.* 15 (2003), 665–677.
- [28] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA - Y.P. SYSAK: “Periodic groups with nearly modular subgroup lattice”, *Illinois J. Math.* 47 (2003), 189–205.
- [29] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA - Y.P. SYSAK: “Groups with normality conditions for non-abelian subgroups”, *J. Algebra* 315 (2007), 665–682.
- [30] M. DE FALCO - F. DE GIOVANNI - C. MUSELLA - Y.P. SYSAK: “On the upper central series of infinite groups”, preprint (2009).
- [31] M. DE FALCO - C. MUSELLA: “Groups whose cyclic subgroups have bounded permutability properties”, *Ricerche Mat.* 57 (2008), 13–25.
- [32] F. DE MARI - F. DE GIOVANNI: “Groups with few normalizer subgroups”, *Bull. Irish Math. Soc.* 56 (2005), 103–113.
- [33] F. DE MARI - F. DE GIOVANNI: “Groups with finitely many normalizers of non-abelian subgroups”, *Ricerche Mat.* 55 (2006), 311–317.
- [34] F. DE MARI - F. DE GIOVANNI: “Groups with finitely many normalizers of infinite index”, *JP J. Algebra Number Theory Appl.* 7 (2007) 83–95.
- [35] F. DE MARI - F. DE GIOVANNI: “Groups with finitely many normalizers of non-nilpotent subgroups”, *Math. Proc. Roy. Irish Acad.* 107A (2007), 143–152.
- [36] A.P. DIETZMANN: “On p -groups”, *Dokl. Akad. Nauk SSSR* 15 (1937), 71–76.
- [37] M.R. DIXON: “Countable periodic CC-groups as automorphism groups”, *Proc. Edinburgh Math. Soc.* 35 (1992), 295–299.

- [38] M.R. DIXON - L.A. KURDACHENKO: “Groups with the maximal condition on non-*BFC* subgroups”, *Algebra Colloq.* 10 (2003), 177–193.
- [39] M.R. DIXON - L.A. KURDACHENKO: “Groups with the maximal condition on non-*BFC* subgroups II”, *Proc. Edinburgh Math. Soc.* 45 (2002), 513–522.
- [40] M.R. DIXON - L.A. KURDACHENKO: “Groups with the maximal condition on non-*FC* subgroups”, *Illinois J. Math.* 47 (2003), 157–172.
- [41] S. FRANCIOSI - F. DE GIOVANNI: “Frattini properties of groups with polycyclic-by-finite conjugacy classes”, *Boll. Un. Mat. Ital.* 10A (1996), 653–659.
- [42] S. FRANCIOSI - F. DE GIOVANNI - L.A. KURDACHENKO: “The Schur property and groups with uniform conjugacy classes”, *J. Algebra* 174 (1995), 823–847.
- [43] S. FRANCIOSI - F. DE GIOVANNI - L.A. KURDACHENKO: “On groups with many almost normal subgroups”, *Ann. Mat. Pura Appl.* 169 (1995), 35–65.
- [44] S. FRANCIOSI - F. DE GIOVANNI - L.A. KURDACHENKO: “Groups whose proper quotients are *FC*-groups”, *J. Algebra* 186 (1996), 544–577.
- [45] S. FRANCIOSI - F. DE GIOVANNI - Y.P. SYSAK: “Groups with many *FC*-subgroups”, *J. Algebra* 218 (1999), 165–182.
- [46] S. FRANCIOSI - F. DE GIOVANNI - M.J. TOMKINSON: “Groups with polycyclic-by-finite conjugacy classes”, *Boll. Un. Mat. Ital.* (7) 4B (1990), 35–55.
- [47] S. FRANCIOSI - F. DE GIOVANNI - M.J. TOMKINSON: “Groups with Černikov conjugacy classes”, *J. Austral. Math. Soc. Ser. A* 50 (1991), 1–14.
- [48] F. DE GIOVANNI - C. MUSELLA: “*FC*-groups and projectivities”, *Atti Sem. Mat. Fis. Univ. Modena* 50 (2002), 7–15.
- [49] F. DE GIOVANNI - C. MUSELLA - Y.P. SYSAK: “Groups with almost modular subgroup lattice”, *J. Algebra* 243 (2001), 738–764.
- [50] F. DE GIOVANNI - A. RUSSO - G. VINCENZI: “Groups with restricted conjugacy classes”, *Serdica Math. J.* 28 (2002), 241–254.
- [51] I.I. EREMIN: “Groups with finite classes of conjugate abelian subgroups”, *Mat. Sb.* 47 (1959), 45–54.
- [52] G. FRATTINI: “Intorno alla generazione dei gruppi di operazioni”, *Rend. Atti Accad. Naz. Lincei* 1 (1885), 281–85; 455–457.
- [53] M. GONZALEZ - J. OTAL: “The extensions of results due to Gorchakov and Tomkinson from *FC*-groups to *CC*-groups”, *J. Algebra* 185 (1996), 314–328.
- [54] Y.M. GORČAKOV: “Locally normal groups”, *Sibirskii Mat. Ž.* 12 (1971), 1259–1272.
- [55] Y.M. GORČAKOV: “Theorems of Prüfer-Kulikov type”, *Algebra i Logika* 13 (1974), 655–661.
- [56] Y.M. GORČAKOV: “Groups with Finite Classes of Conjugate Elements”, *Nauka, Moscow* (1978).
- [57] Y.N. GORČINSKIĬ: “Groups with a finite number of conjugacy classes”, *Mat. Sb.* 31 (1952), 167–182.
- [58] P. HALL: “Finiteness conditions for soluble groups”, *Proc. London Math. Soc.* (3) 4 (1954), 419–436.

- [59] P. HALL: “Finite-by-nilpotent groups”, *Proc. Cambridge Philos. Soc.* 52 (1956), 611–616.
- [60] P. HALL: “Periodic FC-groups”, *J. London Math. Soc.* 34 (1959), 289–304.
- [61] M. HERZOG - P. LONGOBARDI - M. MAJ: “On generalized FC-groups”, *J. Group Theory* 11 (2008), 105–117.
- [62] K. IWASAWA: “Über die endlichen Gruppen und die Verbände ihrer Untergruppen”, *J. Fac. Sci. Imp. Univ. Tokyo* 4 (1941), 171–199.
- [63] K. IWASAWA: “On the structure of infinite M -groups”, *Jap. J. Math.* 18 (1943), 709–728.
- [64] A.V. IZOSOV: “Groups with two infinite classes of conjugate elements”, *Izv. Vyssh. Uchebn. Zaved. Mat.* 88 (1987), 13–20.
- [65] A.V. IZOSOV - N.F. SESEKIN: “Groups with a single infinite class of conjugate elements”, *Studies in Group Theory*, Sverdlovsk (1984), 64–67.
- [66] A.V. IZOSOV - N.F. SESEKIN: “Groups with a finite number of infinite classes of conjugate subgroups”, *Ukrain. Math. J.* 40 (1988), 263–267.
- [67] M.I. KARGAPOLOV: “On conjugacy of Sylow p -subgroups of a locally normal group”, *Uspehi Mat. Nauk* 12 (1957), 297–300.
- [68] P.G. KONTOROVICH - B.I. PLOTKIN: “Lattices with an additive basis”, *Mat. Sb.* 35 (1954), 187–192.
- [69] L.A. KURDACHENKO: “On conditions for embeddability of an FC-group into the direct product of finite groups and an abelian torsion-free group”, *Math. USSR-Sb.* 42 (1982), 499–514.
- [70] L.A. KURDACHENKO: “Residually finite FC-groups”, *Math. Notes* 39 (1986), 273–279.
- [71] L.A. KURDACHENKO - J. OTAL: “Frattini properties of groups with minimax conjugacy classes”, *Quaderni Mat.* 8 (2001), 221–237.
- [72] L.A. KURDACHENKO - N.V. POLYAKOV - I.Y. SUBBOTIN: “On some generalizations of a theorem of B.H. Neumann”, *Math. Contemp.* 21 (2001), 131–145.
- [73] N.F. KUZENNYI - N.N. SEMKO: “Structure of solvable nonnilpotent metahamiltonian groups”, *Math. Notes* 34 (1983), 572–577.
- [74] M. KUZUCUOĞLU - R.E. PHILLIPS: “Locally finite minimal non-FC-groups”, *Math. Proc. Cambridge Philos. Soc.* 105 (1989), 417–420.
- [75] T.Y. LAM: “A First Course in Noncommutative Rings”, *Springer*, New York (1991).
- [76] J.C. LENNOX: “Finite Frattini factors in finitely generated soluble groups”, *Proc. Amer. Math. Soc.* 41 (1973), 356–360.
- [77] J.C. LENNOX - F. MENEGAZZO - H. SMITH - J. WIEGOLD: “Groups with finite automorphism classes of subgroups”, *Rend. Sem. Mat. Univ. Padova* 79 (1988), 87–96.
- [78] R. MAIER: “Analogues of Dietzmann’s lemma”, *Advances in Group Theory 2002*, Aracne Editrice, Roma (2003), 43–69.
- [79] R. MAIER: “The Dietzmann property of some classes of groups with locally finite conjugacy classes”, *J. Algebra* 277 (2004), 364–369.
- [80] R. MAIER - J.R. ROGÉRIO: “ $\mathfrak{X}C$ -elements in groups and Dietzmann classes”, *Beiträge Algebra Geom.* 40 (1999), 243–260.

- [81] F. MENEGAZZO - D.J.S. ROBINSON: "A finiteness condition on automorphism groups", *Rend. Sem. Mat. Univ. Padova* 78 (1987), 267–277.
- [82] F. MENEGAZZO - M.J. TOMKINSON: "Groups with trivial virtual automorphism group", *Israel J. Math.* 71 (1990), 297–308.
- [83] H. MERKLEN - C. POLCINO MILIES: "Group rings over $\mathbb{Z}_{(p)}$ with FC unit groups", *Canad. J. Math.* 32 (1980), 1266–1269.
- [84] B.H. NEUMANN: "Groups with finite classes of conjugate elements", *Proc. London Math. Soc.* (3) 1 (1951), 178–187.
- [85] B.H. NEUMANN: "Groups covered by permutable subsets", *J. London Math. Soc.* 29 (1954), 236–248.
- [86] B.H. NEUMANN: "Groups with finite classes of conjugate subgroups", *Math. Z.* 63 (1955), 76–96.
- [87] D.S. PASSMAN: "The Algebraic Structure of Group Rings", *Wiley-Interscience*, New York (1977).
- [88] C. POLCINO MILIES: "Group rings whose units form an FC-group", *Arch. Math. (Basel)* 30 (1978), 380–384.
- [89] C. POLCINO MILIES: "Group rings whose units form an FC-group: Corrigendum", *Arch. Math. (Basel)* 31 (1978/79), 528.
- [90] C. POLCINO MILIES - S.K. SEHGAL: "FC-elements in a group ring", *Comm. Algebra* 12 (1981), 1285–1293.
- [91] Y.D. POLOVICKII: "Locally extremal and layer-extremal groups", *Mat. Sb.* 58 (1962), 685–694.
- [92] Y.D. POLOVICKII: "Groups with extremal classes of conjugate elements", *Sibirskii Mat. Ž.* 5 (1964), 891–895.
- [93] Y.D. POLOVICKII: "Groups with finite classes of conjugate infinite abelian subgroups", *Soviet Math. (Iz. VUZ)* 24 (1980), 52–59.
- [94] D.J.S. ROBINSON: "Finiteness Conditions and Generalized Soluble Groups", *Springer*, Berlin (1972).
- [95] D.J.S. ROBINSON: "Infinite torsion groups as automorphism groups", *Quart. J. Math. Oxford* 30 (1979), 351–364.
- [96] D.J.S. ROBINSON: "A Course in the Theory of Groups", seconda edizione, *Springer*, New York (1996).
- [97] D.J.S. ROBINSON: "On inert subgroups of a group", *Rend. Sem. Mat. Univ. Padova* 115 (2006), 137–159.
- [98] D.J.S. ROBINSON - A. RUSSO - G. VINCENZI: "On the theory of generalized FC-groups", *J. Algebra* (in corso di stampa).
- [99] D.J.S. ROBINSON - S.E. STONEHEWER - J. WIEGOLD: "Automorphisms groups of FC-groups", *Arch. Math. (Basel)* 40 (1983), 401–404.
- [100] D.J.S. ROBINSON - J. WIEGOLD: "Groups with boundedly finite automorphism classes", *Rend. Sem. Mat. Univ. Padova* 71 (1984), 273–286.
- [101] G.M. ROMALIS - N.F. SESEKIN: "Metahamiltonian groups", *Ural. Gos. Univ. Mat. Zap.* 5 (1966), 101–106.
- [102] G.M. ROMALIS - N.F. SESEKIN: "Metahamiltonian groups II", *Ural. Gos. Univ. Mat. Zap.* 6 (1968), 52–58.
- [103] G.M. ROMALIS - N.F. SESEKIN: "Metahamiltonian groups III", *Ural. Gos. Univ. Mat. Zap.* 7 (1969/70), 195–199.

- [104] E. SCHENKMAN: “On the norm of a group”, *Illinois J. Math.* 4 (1960), 150–152.
 - [105] R. SCHMIDT: “Gruppen mit modularem Untergruppenverband”, *Arch. Math. (Basel)* 46 (1986), 118–124.
 - [106] R. SCHMIDT: “Subgroup Lattices of Groups”, *de Gruyter*, Berlin (1994).
 - [107] I. SCHUR: “Neuer Beweis eines Satzes über endliche Gruppen”, *Sitzber. Akad. Wiss. Berlin* (1902), 1013–1019.
 - [108] D. SEGAL - A. SHALEV: “On groups with bounded conjugacy classes”, *Quart. J. Math. Oxford* 50 (1999), 505–516.
 - [109] S.K. SEHGAL: “Topics in Group Rings”, *Marcel Dekker*, New York (1978).
 - [110] S.K. SEHGAL - H.J. ZASSENHAUS: “Group rings whose units form an FC-group”, *Math. Z.* 153 (1977), 29–35.
 - [111] S.E. STONEHEWER: “Locally soluble FC-groups”, *Arch. Math. (Basel)* 16 (1965), 158–177.
 - [112] M.J. TOMKINSON: “On the commutator subgroup of a periodic FC-group”, *Arch. Math. (Basel)* 31 (1978), 123–125.
 - [113] M.J. TOMKINSON: “A characterization of residually finite periodic FC-groups”, *Bull. London Math. Soc.* 13 (1981), 133–137.
 - [114] M.J. TOMKINSON: “On theorems of B.H. Neumann concerning FC-groups”, *Rocky Mountain J. Math.* 11 (1981), 47–58.
 - [115] M.J. TOMKINSON: “FC-groups”, *Pitman*, Boston (1984).
 - [116] M.J. TOMKINSON: “FC-groups: recent progress”, *Infinite Groups 1994 (Ravello)*, *de Gruyter*, Berlin (1996), 271–285.
 - [117] A.M. TRAHTEMBERG: “The Frattini subgroup of an FC-group”, *Mat. Issled* 7 (1972), 248–252.
 - [118] M.R. VAUGHAN-LEE: “Breadth and commutator subgroups of p -groups”, *J. Algebra* 32 (1974), 278–285.
 - [119] J. WIEGOLD: “Groups with boundedly finite classes of conjugate elements”, *Proc. Roy. Soc. London Ser. A* 238 (1957), 389–401.
 - [120] G. ZACHER: “Una caratterizzazione reticolare della finitezza dell’indice di un sottogruppo in un gruppo”, *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.* (8) 69 (1980), 317–323.
 - [121] J. ZIMMERMAN: “Countable torsion FC-groups as automorphism groups”, *Arch. Math. (Basel)* 43 (1984), 108–116.
 - [122] J. ZIMMERMAN: “Some properties of FC-groups which occur as automorphism groups”, *Proc. Amer. Math. Soc.* 96 (1986), 39–40.
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