Bibliography in semigroups

Collected by Steven Duplij[*†‡]

October 21, 1996

[*]Kharkov State University and University of Kaiserslautern
[†]*E-mail: duplij@physik.uni-kl.de*
[‡]WWW: *http://gluon.physik.uni-kl.de/~duplij/*

References

[1] D. I. Adu, *Green's relations of the semigroup of binary relations*, Demonstr. Math. **19** (1986), 895–913.

[2] N. U. Ahmed, *Semigroup Theory With Application to Systems and Control*, Wiley, New York, 1991.

[3] J. Ahsan, Semigroup Forum **36** (1987), 285–292.

[4] ———, *Minimal prime ideals in semigroups without nilpotent elements*, Kobe J. Math. **7** (1990), 25–31.

[5] J. Ahsan and K. Saifullah, *Completely quasi-projective monoids*, Semigroup Forum **38** (1989), 123–126.

[6] J. Ahsan and M. Takahashi, *Pure spectrum of a monoid with zero*, Kobe J. Math. **6** (1989), 163–181.

[7] A. Ja. Aizenstat, *On endomorphism semigroups with the only main ideal chain*, Russian Math. Surv. **4** (1963), 12–17.

[8] ———, *On ideals of endomorphism semigroups*, Izv. Vuzov. Math. **1** (1965), 3–11.

[9] D. D. Anderson and E. W. Johnson, *Ideal theory in commutative semigroups*, Semigroup Forum **30** (1984), 127–158.

[10] L. Anderson, R. Hunter, and R. Koch, *Some results on stability in semigroups*, Trans. Amer. Math. Soc. **117** (1965), 521–529.

[11] A. Anjaneyulu, *Structure and ideal theory of duo semigroups*, Semigroup Forum **22** (1981), 257–275.

[12] S. Armstrong, *The structure of type a semigroup*, Semigroup Forum **29** (1984), 319–336.

[13] V. A. Artamonov, *Nilpotency, projectivity, expansion*, Sib. Math. J. **32** (1991), 3–11.

[14] C. J. Ash, J. Austr. Math. Soc. **28** (1979), 385–397.

[15] J. W. Baker, *Measure algebras on semigroups*, in The Analytical and Topological Theory of Semigroups, (K. H. Hoffman, J. D. Lawson, and J. S. Pym, eds.), Walter de Cruyter, New York, 1990, pp. 221–252.

[16] J. W. Baker, N. Hindman, and J. S. Pym, *k-topologies for right topological semigroups*, Proc. Amer. Math. Soc. **115** (1992), 251–256.

[17] J. W. Baker and M. Lashkarizadeh-Bami, *On the representations of certain idempotent topological semigroups*, Semigroup Forum **44** (1992), 245–254.

[18] J. W. Baker and J. S. Pym, *The semigroup of continuous selfmaps of I has infinitely many ideals*, Glasgow Math. J. **34** (1992), 27–33.

[19] V. A. Baranskii, *On lattice isomorphisms of nilpotent semigroups*, Izv. Vuzov. Math. **3** (1979), 3–11.

[20] C. Berg, J. P. R. Christensen, and P. Ressel, *Harmonic Analysis on Semigroups*, Springer-Verlag, Berlin, 1984.

[21] J. Berglund, H. D. Junghenn, and P. Milnes, *Analysis on Semigroups*, Wiley, New York, 1989.

[22] G. Bijev and K Todorov, *On the representation of abstract semigroups by transformation semigroups: computer investigations*, Semigroup Forum **43** (1991), 253–256.

[23] J. C. Birget and J. Rhodes, *Group theory via semigroup theory*, J. Algebra **120** (1989), 84–300.

[24] S. Bogdanović, *Semigroups With a System of Subsemigroups*, Inst. of Math., Novi Sad, 1985.

[25] S. Bogdanović and M. Ćirić, *Retractive nil-extensions of regular semigroups.1*, Proc. Japan Acad. **A68** (1992), 115–117.

[26] ———, *Retractive nil-extensions of regular semigroups.2*, Proc. Japan Acad. **A68** (1992), 126–130.

[27] S. G. Bohta and A. Buys, *Nilpotence, solvability and radicals in categories*, Quaestiones Math. **14** (1991), 129–137.

[28] N. Bourbaki, *Spectral Theory*, Hermann, Paris, 1967.

[29] D. R. Brown and M. Friedberg, *A new notion of semicharacter*, Trans. Amer. Math. Soc. **141** (1969), 387–401.

[30] J. H. Carruth, J. A. Hilebrant, and R. J. Koch, *The Theory of Topological Semigroups*, Vol. 1, Dekker, New York, 1983.

[31] ———, *The Theory of Topological Semigroups*, Vol. 2, Dekker, New York, 1986.

[32] B. M. Castellano, *Monoids on the 2-disk*, Semigroup Forum **28** (1984), 83–92.

[33] F. Catino, *Factorizable semigroups*, Semigroup Forum **36** (1987), 167–174.

[34] ———, *On bi-ideals in eventually regular semigroups*, Riv. Mat. Pure Appl. **4** (1989), 89–92.

[35] ———, *On complete α-ideals in semigroups*, Czech. Math. J. **40** (1990), 155–158.

[36] F. Catino and M. M. Miccoli, *On semidirect product of semigroup*, Note Mat. **9** (1989), 189–194.

[37] A. Cherubini and A. Varisco, *Permutable duo semigroups*, Semigroup Forum **28** (1984), 155–172.

[38] G. H. Cliff, *Zero divisors and idempotents in group rings*, Can. J. Math. **32** (1980), 596–602.

[39] A. H. Clifford, *Radicals in semigroups*, Semigroup Forum **1** (1970), 103–127.

[40] ———, *Remarks on 0-minimal quasi-ideals in semigroups*, Semigroup Forum **16** (1978), 183–196.

[41] A. H. Clifford and T. E. Hall, *A characterization of R-classes of semigroups as partial groupoids*, Semigroup Forum **6** (1973), 246–254.

[42] A. H. Clifford and G. B. Preston, *The Algebraic Theory of Semigroups*, Vol. 1, Amer. Math. Soc., Providence, 1961.

[43] ———, *The Algebraic Theory of Semigroups*, Vol. 2, Amer. Math. Soc., Providence, 1967.

[44] A. Császár and E. Thümmel, *Multiplicative semigroups of continuous mappings*, Acta Math. Hung. **56** (1990), 189–204.

[45] R. J. H. Dawlings, *The semigroup of singular endomorphisms on a finite dimensional vector space*, in Semigroups, (T. E. Hall, P. R. Jones, and G. B. Preston, eds.), Academic Press, London, 1980, pp. 133–144.

[46] ———, *Products of idempotents in the semigroup of singular endomorphisms of a finite-dimensional space*, Proc. Roy. Soc. Edinburgh **A91** (1981), 123–133.

[47] J. M. Day and D. D. Weddington, *Some conditions under which a continuous semigroup morphism is strongly differentiable*, Semigroup Forum **36** (1987), 371–373.

[48] A. Paalman de Miranda, *Topological Semigroups*, Math. Centrum, Amsterdam, 1964.

[49] W. Dick and J. Levin, *Jacobian conjecture for free associative algebras*, Commun. Algebra **10** (1982), 1285–1306.

[50] B. A. Dubrovin, A. T. Fomenko, and S. P. Novikov, *Modern Geometry. Methods and Applications. Part 1. The Geometry of Surfaces, Transformation Groups and Fields*, Springer-Verlag, Berlin, 1984.

[51] ———, *Modern Geometry. Methods and Applications. Part 2. The Geometry and Topology of Manifolds*, Springer-Verlag, Berlin, 1985.

[52] W. G. Dwyer and C. Wilkerson, *Spaces of null homotopic maps*, Artérisque **191** (1990), 97–108.

[53] A. Eremenko, *On the characterization of a riemann surface by its semigroup of endomorphisms*, Trans. Amer. Math. Soc. **338** (1993), 123–131.

[54] I. Fabrici, *Semigroups containing no maximal ideals*, Semigroup Forum **40** (1990), 101–104.

[55] C. Faith, *Algebra II. Ring theory*, Springer-Verlag, New York, 1976.

[56] V. A. Faiziev, *Pseudocharacters that are invariant with respect to semigroup endomorphisms*, Dokl. Acad. Sci. Tadzhik SSR **31** (1988), 567–569.

[57] ———, *On pseudocharacters of a free semigroup invariant under its endomorphisms*, Russian Math. Surv. **47** (1992), 205–206.

[58] R. B. Feizullaev, *On the fixed rank transformation semigroups*, Soviet Math. Dokl. **37** (1988), 490–492.

[59] A. R. Filho, *Nilpotent spaces: some inequalities on nilpotency degrees*, Proc. Amer. Math. Soc. **115** (1992), 501–512.

[60] B. Forrest, *Invariant means, right ideals and the structure of semitopological semigroups*, Semigroup Forum **40** (1990), 325–361.

[61] J. Fountain and M. Lawson, Semigroup Forum **32** (1985), 79–86.

[62] J. Fountain and M. Petrich, *Completely 0-simple semigroups of quotients*, Math. Proc. Cambridge Phil. Soc. **105** (1989), 263–275.

[63] G. U. Garba, *Nilpotents in semigroups of partial one-to-one transformations*, Semigroup Forum **48** (1994), 37–49.

[64] R. Gilmer, *Multiplicative Ideal Theory*, Dekker, New York, 1972.

[65] ———, *Commutative Semigroup Rings*, Univ. Chicago Press, Chicago, 1984.

[66] R. Gilmer and T. Parker, *Nilpotent elements of commutative semigroup rings*, Michigan Math. J. **22** (1975), 97–108.

[67] R. D. Giri and A. K. Wazalwar, *Prime ideals and prime radicals in noncommutative semigroups*, Kyungpook Math. J. **33** (1993), 37–48.

[68] L. M. Gluskin, *Ideals of semigroups*, Math. Sbornik **55** (1961), 421–428.

[69] L. M. Gluskin, B. M. Schein, L. B. Sneperman, et al., *Addendum to "A survey of semigroups of continuous selfmaps"*, Semigroup Forum **14** (1977), 95–125.

[70] J. S. Golan, *The Theory of Semirings With Applications in Mathematics and Theoretical Computer Science*, Wiley, New York, 1992.

[71] V. Gould, *Completely right pure monoids on which H is a right congruence*, Math. Proc. Cambridge Phil. Soc. **107** (1990), 275–285.

[72] H. Grassmann, *Characters and the structure of finite semigroups*, Semigroup Forum **30** (1984), 211–220.

[73] P. A. Grillet, *A construction of finite commutative nilsemigroups*, Commun. Algebra **19** (1991), 3145–3172.

[74] ———, *Nilsemigroups on trees*, Semigroup Forum **43** (1991), 187–201.

[75] ———, *Stratified semigroups*, Semigroup Forum **50** (1995), 25–36.

[76] P. A. Grillet and M. Petrich, *Ideal extensions of semigroups*, Pacific J. Math. **26** (1968), 493–508.

[77] M. Gutan, *Two problems on N-semigroups*, Pure Appl. Math. **A1** (1990), 153–159.

[78] T. E. Hall, *On the natural ordering of J-classes and of idempotents in a regular semigroup*, Glasgow Math. J. **11** (1970), 350–352.

[79] ———, Semigroup Forum **6** (1973), 263–264.

[80] P. Harpe and M. Karoubi, Manuscr. Math. **22** (1977), 293–310.

[81] J. Heath, *The structure of (exactly) 2-to-1 maps on metric compacta*, Proc. Amer. Math. Soc. **110** (1990), 549–555.

[82] ———, *2-to-1 maps with hereditarily indecomposable images*, Proc. Amer. Math. Soc. **113** (1991), 839–846.

[83] U. Hebisch, *On special Q_r-filters of semigroups, semirings and rings*, Semigroup Forum **30** (1984), 195–210.

[84] I. R. Henzel and D. P. Jacobs, *Complexity and unsolvability properties of nilpotency*, SIAM J. Comput. **19** (1990), 32–43.

[85] G. A. Heyman, *On almost nilpotent rings and ideals*, Acta Math. Hung. **56** (1990), 283–286.

[86] P. M. Higgins, *Techniques in Semigroup Theory*, Clarendon Press, Oxford, 1992.

[87] E. Hille and R. S. Phillips, *Functional Analysis and Semigroups*, Amer. Math. Soc., Providence, 1957.

[88] N. Hindman, *The ideal structure of the space of k-uniform ultra filters on a discrete semigroup*, Rocky Mauntain J. Math. **16** (1986), 685–701.

[89] A. Hinkkanen, *Functions conjugating to entire functions and semigroups of analytic endomorphisms*, Complex Variables Theory Appl. **18** (1992), 149–154.

[90] I. L. Hmelnitsky, *On semigroups with the idealizer condition*, Semigroup Forum **32** (1985), 135–144.

[91] R. D. Hofer, *Restrictive semigroups of continuous selfmaps on connected spaces*, Proc. London Math. Soc. **25** (1972), 358–384.

[92] K. H. Hofmann and P. S. Mostert, *Elements of Compact Semigroups*, Merill, Columbus, 1966.

[93] J. G. Horne, *Semigroups on a half-space*, Trans. Amer. Math. Soc. **147** (1970), 1–53.

[94] C. H. Houghton and R. P. Sullivan, Glasgow Math. J. **25** (1984), 163–165.

[95] J. M. Howie, *An Introduction to Semigroup Theory*, Academic Press, London, 1976.

[96] W. H. Hsiang, *Invertibility and monotonicity on function systems*, An. Inst. Math. Univ. Nac. Aut. Mexico **28** (1988), 27–45.

[97] J. A. Huckaba, *Commutative Rings with Zero Divisors*, Dekker, New York, 1988.

[98] J.Almeida and . R. Reilly, *Generalized varieties of commutative and nilpotent semigroups*, Semigroup Forum **30** (1985), 77–98.

[99] B. E. Johnson, J. London Math. Soc. **34** (1986), 489–510.

[100] ———, J. London Math. Soc. **37** (1988), 294–316.

[101] P. R. Jones, *Basis properties of inverse semigroups*, J. Algebra **50** (1978), 135–152.

[102] ———, *Inverse semigroups whose full inverse subsemigroups form a chain*, Glasgow Math. J. **22** (1981), 159–165.

[103] ———, *Basis properties of semigroups*, Glasgow Math. J. **30** (1988), 101–109.

[104] W. B. Vasantha Kandasamy, *Filial semigroups and semigroup rings*, Libertas Math. **12** (1992), 35–37.

[105] P. Kaplan and K. S. Williams, *The distance between ideals in the orders of a real quadratic fields*, L'Enseignement Math. **36** (1990), 321–358.

[106] K. M. Kapp and H. Schneider, *Completely 0-simple Semigroups*, Benjamin, New York, 1969.

[107] D. Kazhdan, Israel J. Math. **43** (1982), 315–323.

[108] K. A. Kearnes, *Atomicity and nilpotence*, Can. J. Math. **42** (1990), 365–382.

[109] H. Kim, *A generalization of prime ideals in semigroups*, J. Korean Math. Soc. **24** (1987), 207–216.

[110] F. Kmet, *Radicals and their left ideal analogies in a semigroup*, Math. Slovaca **38** (1988), 139–145.

[111] Y. Kobayashi, *Cancellative and Archimedean ideal extensions by commutative nil semigroups*, Semigroup Forum **24** (1982), 361–373.

[112] F. J. Korkes and T. Porter, *Nilpotent modules and pro-C completions*, Cahiers Top. Geom. Diff. Categ. **31** (1990), 277–282.

[113] U. Krause, *On monoids of finite real characters*, Proc. Amer. Math. Soc. **105** (1989), 546–554.

[114] C. K. Lai and K. P. Shum, *Characterization of dual semigroups*, Czech. Math. J. **39** (1989), 578–584.

[115] S. Lajos, *Generalized ideals in semigroups*, Acta Sci. Math. Seged **22** (1961), 217–222.

[116] G. Lallement, *On nilpotency in semigroups*, Pacific J. Math. **42** (1972), 693–700.

[117] ———, *Semigroups and Combinatorial Applications*, Willey, New York, 1979.

[118] G. Lallement and M. Petrich, *Irreducible matrix representations of finite semigroups*, Trans. Amer. Math. Soc. **139** (1969), 393–412.

[119] M. D. Larsen and P. J. McCarthy, *Multiplicative Theory of Ideals*, Academic Press, New York, 1971.

[120] B. T. Lerner, *On fuzzy (right-topological) semigroups*, J.Math.Anal. Appl. **134** (1988), 306–311.

[121] S. Z. Li, *The structure of hamiltonian semigroups*, Pure Appl. Math. **9** (1993), 105–111.

[122] X. Lin, *The structure of almost artinian left ideals*, Kobe J. Math. **6** (1989), 223–228.

[123] E. S. Ljapin, *Semigroups*, Amer. Math. Soc., Providence, 1968.

[124] D. Y. Long, *A necessary and sufficient condition for the shevrin problem*, Chinese Ann. Math. **A13** (1992), 360–363.

[125] O. Macedonska, *The semigroup of endomorphisms of the free group of infinite rank*, Demonstr. Math. **21** (1988), 467–480.

[126] A. I. Malcev, *Algebraic Systems*, Springer-Verlag, Berlin, 1973.

[127] A. I. Mal'cev, *Symmetric groupoids*, Amer. Math Soc. Transl. **113** (1979), 235–250.

[128] Yu. I. Manin, *Gauge Field Theory and Complex Geometry*, Springer-Verlag, New York, 1988.

[129] V. L. Mannepalli and M. Satyanarayana, *Monoids of Dedekind type*, Semigroup Forum **9** (1974), 19–27.

[130] J. Maxon, *On endomorphisms and partial transformations*, Semigroup Forum **5** (1972), 77–80.

[131] D. B. McAlister, *Representations of semigroups by linear transformations, 1,2*, Semigroup Forum **2** (1971), 189–320.

[132] ———, *Characters of finite semigroups*, J. Algebra **22** (1972), 183–200.

[133] D. B. McAlister, *Embedding inverse semigroups in coset semigroups*, Semigroup Forum **19** (1980), 255–267.

[134] J. Meakin, J. London Math. Soc. **21** (1980), 244–256.

[135] I. L. Mel'nichuk, *Semigroups with n-closed subsets*, Semigroup Forum **39** (1989), 105–108.

[136] M. M. Miccoli, *Bi-ideals in orthodox semigroups*, Note Mat. **7** (1987), 83–89.

[137] R. Yue Chi Ming, *Injectivity and annihilators*, Demonstr. Math. **23** (1990), 929–942.

[138] H. Mitsch, *Semigroups and their lattice of congruences*, Semigroup Forum **28** (1983), 1–64.

[139] A. Mukherjea, *Multiplicative semigroups of infinite-dimensional matrices*, Semigroup Forum **43** (1991), 115–122.

[140] A. Mukherjea and N. Tserpes, *Measures on topological semigroups*, Lect. Notes Math. **547** (1976), 1–349.

[141] M. N. Mukherjee and S.P. Sinha, *Almost compact fuzzy topological spaces*, Mat. Vest. **41** (1989), 89–97.

[142] W. D. Munn, *Nil ideals in inverse semigroup algebras*, J. London Math. Soc. **35** (1987), 433–438.

[143] ———, *The Jacobson radical of a band ring*, Math. Proc. Cambridge Phil. Soc. **105** (1989), 277–283.

[144] A. Nagy, *Semigroups whose proper two-sided ideals are power joined*, Semigroup Forum **25** (1982), 325–329.

[145] ———, *On semigroups which are not divided by any non-trivial semigroup with an identity*, Semigroup Forum **29** (1984), 251–252.

[146] ———, *On the ideals of N-semigroups*, Pure Appl. Math. **A1** (1990), 71–76.

[147] S. A. Naimpally and C. M. Pareek, *Generalized metric spaces via annihilators*, Quest. Answ. Gen. Topol. **9** (1991), 203–226.

[148] Yu. A. Neretin, *On the complex semigroup containing diffeomorphism group of circle*, Func. Anal. Appl. **21** (1987), 82–83.

[149] ———, *Holomorphic extension of diffeomorphism group representations*, Math. Sbornik **180** (1989), 635–657.

[150] B. S. Nudrutdinov, *Topologies of spaces described by semigroups of mappings*, Moscow Unv. Math. Bull. **38** (1973), 24–29.

[151] T. Ohta, *The closures of nilpotent orbits in the classical symmetric pairs and their singularities*, Tohoku Math. J. **43** (1991), 161–212.

[152] J. Okniński, *Semigroup Algebras*, Dekker, New York, 1990.

[153] J. Okńinski and M. S. Putcha, *Complex representation of matrix semigroup*, Trans. Amer. Math. Soc. **323** (1991), 563–581.

[154] T. Papazyan, *Filters and semigroup properties*, Semigroup Forum **41** (1990), 329–338.

[155] Y. S. Park, J. P. Kim, and M. G. Sohn, *Semiprime ideals in semigroups*, Math. Japon. **33** (1988), 269–273.

[156] S. V. Pchelincev, *Binary (-1,1) nilalgebras*, Math. Notes **48** (1990), 103–109.

[157] M. Petrich, *The translational hull in semigroups and rings*, Semigroup Forum **1** (1970), 293–360.

[158] ———, *Introduction to Semigroups*, Merill, Columbus, 1973.

[159] ———, *Lectures in Semigroups*, Academic Press, Berlin, 1977.

[160] ———, *Cayley theorems for semigroups*, in Semigroups and Their Applications, (S. M. Goberstein and P. M. Higgins, eds.), D. Reidel, Dordrecht, 1987, pp. 133–138.

[161] T. Petrie and J. D. Randall, *Transformation Groups on Manifolds*, Dekker, New York, 1984.

[162] I. S. Ponizovskii, *On irreducible matrix semigroups*, Semigroup Forum **24** (1982), 117–148.

[163] D. Prasad and K. D. Singh, *Matrix representation of semigroups*, J. Bihar Math. Soc. **13** (1990), 45–48.

[164] A. Pultr and V. Trnkova, *Combinatorial, Algebraic and Topological Representations of Groups, Semigroups and Categories*, Prague Univ., Prague, 1980.

[165] M. S. Putcha, *On linear algebraic semigroups*, Trans. Amer. Math. Soc. **259** (1980), 457–469.

[166] ———, *Matrix semigroups*, Proc. Amer. Math. Soc. **88** (1983), 386–390.

[167] ———, *Algebraic monoids with a dense group of units*, Semigroup Forum **28** (1984), 365–370.

[168] ———, *Linear Algebraic Monoids*, Cambridge Univ. Press, Cambridge, 1988.

[169] M. S. Putcha and L. E. Renner, J. Algebra **116** (1988), 385–399.

[170] M. P. V. Ramana and N. V. R. Saradamani, *On distributive semigroups and translations in semigroups*, Math. Japon. **36** (1991), 777–784.

[171] L. Rédei, *The Theory of Finitely Generated Commutative Semigroups*, Pergamon Press, New York, 1965.

[172] *Monoids and Semigroups With Applications*, (J. Rhodes, ed.), World Sci., River Edge, 1991.

[173] J. Rhodes and Y. Zalstein, *Elementary representation and character theory of finite semigroups and its application*, in Monoids and Semigroups With Applications, (J. Rhodes, ed.), World Sci., River Edge, 1991, pp. 334–367.

[174] E. N. Rois and B. M. Schein, *Radicals of semigroups*, Semigroup Forum **16** (1978), 299–344.

[175] K. A. Ross, *Extending characters on semigroups*, Proc. Amer. Math. Soc. **12** (1961), 15.

[176] W. Ruppert, *Compact semitopological semigroups. An intrinsic theory*, Lect. Notes Math. **1079** (1984), 1–260.

[177] D. E. Rutherford, *Introduction to Lattice Theory*, Oliver and Boyd, Edinburgh, 1965.

[178] K. Sakai, *Annihilators in Abelian inverse semigroups*, Sci. Repts Kagoshima Univ. **36** (1987), 13–19.

[179] M. Satyanarayana, *Positively Ordered Semigroups*, Dekker, New York, 1979.

[180] ———, *On homomorphisms of ordered semigroups into real numbers*, Beiträge Alg. Geom. **27** (1988), 121–127.

[181] B. M. Schein, *Relation algebras and function semigroups*, Semigroup Forum **1** (1970), 1–62.

[182] ———, *Symmetric semigroups of transformations*, Abstracts Amer. Math. Soc. **5** (1980), 476.

[183] ———, *Cosets in groups and semigroups*, in Semigroups With Applications, (J. M. Howie, W.D. Munn, and H. J. Weinert, eds.), World Sci., River Edge, 1992, pp. 205–221.

[184] S. Seif, *e-minimal semigroups*, Semigroup Forum **50** (1995), 117–119.

[185] L. N. Shevrin, *Nilsemigroups with certain finiteness conditions*, Math. Sbornik **55** (1961), 473–480.

[186] ———, *On semigroups all of whose subsemigroups are nilpotent*, Siberian Math. J. **2** (1961), 936–942.

[187] ———, *On two longstanding problems concerning nilsemigroups*, in Semigroups With Applications, (J. M. Howie, W. D. Munn, and H. J. Weinert, eds.), World Sci., River Edge, 1992, pp. 222–235.

[188] L. N. Shevrin and A. J. Ovsyannikov, *Semigroups and their subsemigroup lattices*, Semigroup Forum **27** (1983), 1–154.

[189] L. N. Shevrin and A. Ya. Ovsyannikov, *Semigroups and Their Subsemigroup Lattices. Part 1*, Ural. Gos. Univ., Sverdlovsk, 1990.

[190] L. N. Shevrin and A. S. Prosvirov, *Semigroups with isotone idealizer function*, Trans. Moscow Math. Soc. **29** (1973), 235–246.

[191] V. B. Shteinbuk and A. P. Shostak, *On semigroups of continuous transformations of fuzzily structured sets*, Semigroup Forum **43** (1991), 135–145.

[192] A. I. Shtern, *Quasirepresentations and pseudorepresentations*, Func. Anal. Appl. **25** (1991), 140–143.

[193] L. B. Sneperman, *Semigroups of continuous transformations*, Soviet Math. Dokl. **144** (1962), 509–511.

[194] J. Sotomayor, *Inversion of smooth mappings*, Z. Angew. Math. Phys. **41** (1990), 306–310.

[195] O. Steinfeld, *Quasi-ideals in Rings and Semigroups*, Akadémiai Kiado, Budapest, 1978.

[196] O. Steinfeld and Tran Thanh Thang, *Remarks on canonical quasi-ideals in semigroups*, Beitrage Alg. Geom **26** (1988), 127–135.

[197] R. P. Sullivan, *Continuous nilpotents on topological spaces*, J. Austr. Math. Soc. **A43** (1987), 127–136.

[198] ———, *Semigroups generated by nilpotent transformations*, J. Algebra **110** (1987), 324–343.

[199] J. S. V. Symons, *Normal transformation semigroups*, J. Austr. Math. Soc. **A22** (1976), 385–390.

[200] G. Szász, *Some remarks on interior ideals of semigroups*, Pure Appl. Math. **A1** (1990), 173–174.

[201] G. P. Szegö and G. Treccani, *Semigruppi di transformazioni multivoche*, Lect. Notes Math. **101** (1969), 1–177.

[202] V. Trnkova, *Nonconstant continuous maps of spaces and their β–compactifications*, Topology Appl. **33** (1989), 147–162.

[203] E. M. Vechtomov, *On semigroups of continuous partial functions in topological spaces*, Russian Math. Surv. **45** (1990), 143–144.

[204] S. Visweswaran, *A note on universally zero-divisor ring*, Bull. Austr. Math. Soc. **43** (1991), 233–240.

[205] M. V. Volkov, *Semigroup varieties*, Izv. Vuzov. Math. **6** (1989), 51–60.

[206] L. M. Wang, *Ideal nil-extentions of semigroups with semimodular congruence lattices*, Semigroup Forum **47** (1993), 353–358.

[207] J. C. Warndof, *Topologies uniquely determined by their continuous maps*, Fund. Math. **66** (1970), 25–43.

[208] R. J. Warne, *Super quasi-adequate semigroups*, Tamkang J. Math. **22** (1991), 299–312.

[209] A. V. Yagjev, *On invertibility of free associative algebra endomorphisms*, Math. Notes **49** (1991), 142–147.

[210] I. Yakabe, *Regular duo near-rings*, Proc. Jap. Acad. **A66** (1990), 115–118.

[211] M. Yamada, *Construction of commutative z-semigroups*, Proc. Japan Acad. **40** (1964), 94–98.

[212] Y. Yomdin, *Surjective mappings whose differential is nowhere surjective*, Proc. Amer. Math. Soc. **111** (1991), 267–270.

[213] Y. Zalstein, *Studies in the representation theory of finite semigroups*, Trans. Amer. Math. Soc. **161** (1971), 71–87.

[214] P.Y. Zhu, *On the classification of the finite left duo semigroups*, South Asian Bull. Math. **1515** (1991), 99–103.