

CURRICULUM VITAE

INFORMATION

Joseph Neggers
Department of Mathematics
Box 870350
Tuscaloosa, AL 35487-0350

BORN

Amsterdam, The Netherlands, January 10, 1940

EDUCATION

- B.S. - Cumlaude - Mathematics and Physics - Florida State University, 1959
- M.S. - Mathematics - Florida State University, 1960
- Ph.D. - Mathematics - Florida State University, 1963, Major Professor, N. Heerema

APPOINTMENTS - (Years = School Years)

- (1) Assistant Professor in Mathematics, Florida State University. 1963-1964.
- (2) Wetenschappelyk Ambetnaar 1^eKlas, Math. Centre Univ. of Amsterdam, 1964-1965.
- (3) Lecturer in Mathematics, King's College, University of London, 1965-1966.
- (4) Visiting Associate Professor, The University of Puerto Rico, 1966-1967.
- (5) Assistant Professor, The University of Alabama, 1967-1968.
- (5') Associate Professor, The University of Alabama, 1968-1980.
- (5") Professor, The University of Alabama, 1980 -
- (6) Visiting Professor, The University of El Salvador, Summer 1971.
- (7) Sabbatical Semester, University of Madrid, University of Amsterdam, King's College - University of London, University of Bonn, Spring 1976

BIBLIOGRAPHY

- (1) With O. D. Dickerson: A GENERAL RISK THEORY, Journal of Risk and Insurance, Vol. 30(1964), pp 451-461.
- (2) DERIVATIONS ON \bar{p} -ADIC FIELDS, Transactions of the American Mathematical Society, Vol. 115(3), March (1965), pp. 496-504.
- (3) QUASI-MULTIPLICATIONS AND INERTIAL AUTOMORPHISMS, Mathematical Centre Publications ZW-1965-003, 4 + 13 p.
- (4) VALUATION SPACES, Mathematical Centre Publications, ZW-1964-010, 13 p.
- (5) ALGEBRAIC NUMBER THEORY, Cassels-Frohlich Editor, Academic Press, 1967: Contributor, pp. 129-161.
- (6) SOME AUTOMORPHISM GROUPS IN NOETHERIAN DOMAINS, Bulletin of the American Mathematical Society, Vol. 75(3), May (1965), pp. 572-575.
- (7) With B. S. Chwe: ON THE EXTENSION OF LINEARLY INDEPENDENT SUBSETS OF FREE MODULES TO BASES, Proceedings of the American Mathematical Society, Vol. 24(3), March (1970), pp. 466-470.
- (8) With B. S. Chwe: LOCAL RINGS WITH LEFT VANISHING RADICAL, J. London Math. Soc. (2), 4(1971), pp. 374-378.
- (9) With P. Allen: A CHARACTERIZATION OF STEINITZ GROUP RINGS, Proceedings of the American Mathematical Society, Vol. 49 (1975), pp. 39-42.
- (10) RINGS WITH MANY ENDOMORPHISMS, Canad. Math. Bull. Vol. 19 (2), 1976, pp. 199-204.
- (11) With B. S. Chwe: SOME CLASSES OF RINGS DEFINED BY PROPERTIES OF MODULES, Revista de la UMA, Vol. (28), 1976), pp. 54-59.
- (12) CYCLIC RINGS, REVISTA DE LA UMA, VOL. (28), 1977, pp. 108-114.
- (13) PARTIALLY ORDERED SETS AND GROUPOIDS, Kyungpook Mathematical Journal, Vol. 16(1), June 1976, pp. 7-20.

- (14) ON THE NUMBER OF ISOMORPHISM CLASSES OF CERTAIN TYPES OF FINITE ALGEBRAS, *Kyungpook Mathematical Journal*, Vol. 16(2), Dec. 1976, pp. 141-147.
- (15) ON THE NUMBER OF ISOMORPHISM CLASSES OF CERTAIN TYPES OF ACTIONS AND BINARY SYSTEMS, *Kyungpook Mathematical Journal*, Vol. 16, (2), Dec. 1976, pp. 161-176.
- (16) COUNTING FINITE POSETS, *Acta Math. Acad. Sc. Hungaricae*, 31(3-4), pp. 233-258.
- (17) REPRESENTATIONS OF FINITE PARTIALLY ORDERED SETS, *JCISS* 3(3), pp. 113-133, 1978.
- (18) COMBINATORIAL SYMBOLS AND FINITE POSETS, *JCISS* 4(4), pp. 309-342, 1979.
- (19) FINITE MODULES AND COMBINATORICS, *Journal of the Korean Math Soc.*, Vol. 15(2), Feb. 1979, pp. 63-75.
- (20) With K. H. Kim, L. Makar-Limanov, F. W. Roush: GRAPH ALGEBRAS, *Journal of Algebra*, Vol. 64(1), May 1980, pp. 46-51.
- (21) With P. J. Allen, CENTRAL PERFECT RINGS, *Journal of the Korean Math. Soc.*, Vol. 17(1), August 1980, pp. 53-80.
- (22) REPRESENTATIONS OF FINITE POSETS AS LINEAR OPERATORS, *JCISS* Vol. 6(1981), No. 3, pp. 279-293.
- (23) REDUCED BRYLAWSKI DECOMPOSITIONS OF FINITE POSETS, *JCISS* 7(1982), No. 3, 180-196.
- (24) With B. S. Chwe, THE JACOBSON DENSITY THEOREM AND SOME APPLICATIONS, *Journal of the Kor. Math. Soc.*, Vol. 18(2), Feb. 1982, pp. 141-144.
- (25) With O. R. Ainsworth: A FAMILY OF POLYNOMIALS AND POWERS OF THE SECANT, *the Fibonacci Journal*, May 1983, pp. 132-138.
- (26) With B.S. Chwe, PRIMARY IDEALS, *Journal Korean Mathematical Society*, 21(1984), No. 2, 141-146.
- (27) With K. Ingolfsson, ESTIMATES OF THE HORIZON IN MATHEMATICAL MODELS OF MARKETING, *Mathematical Social Sciences* 7(1984), 199-204.

- (28) A MESSAGE FROM EZEKIEL, Alabama Journal of Mathematics, 7(1983), No. 2, 5-9.

JOSEPH NEGGERS

4

- (29) BETTER THAN THE BEST, Alabama Journal of Mathematics, 8(1984), No. 2, 5-8.
- (30) With D. Runcie: ON THE CONSTRUCTION OF EFFECTIVENESS OF INTERACTION TABLES, Quality and Quantity, 20 (1986), 3-18.
- (31) With B.S. Chwe and H. Tapia Recillas, THE STANDARD POLYNOMIAL IDENTITY AND COMBINATORIAL PROPERTIES, 4th Annual Conference of Mathematics, Pan American University, Proceedings.
- (32) RANDOM REAL VALUED ORDER PRESERVING MAPS ON FINITE POSETS, JCISS, 8(2), 101-112, 1983.
- (33) With O. R. Ainsworth: COMBINATORIAL IDENTITIES AND A CONVOLUTION ALGEBRA OF POWER SERIES, JCISS, 10(1-2), 9-23, 1985.
- (34) With B.S. Chwe and H. Tapia-Recillas, PREDECESSOR GENERATING-FUNCTIONS, FINITE DIRECTED LABELED GRAPHS AND TAXONOMY, Tamkang Journal, 17(4), 1986, 67-88.
- (35) With W. S. Hsia and Dennis Runcie, LINES, REGRESSION AND SOME RELATIONS BETWEEN SLOPES AND INTERCEPTS CONSIDERED FROM A GEOMETRIC VIEWPOINT, British Journal of Mathematical and Statistical Psychology, 44, 1-11, 1991.
- (36) With M. Scott, SUMMED FORMULAS, Bulletin of the Calcutta Mathematical Society, 48(1), 391-403.
- (37) With B. Earl Wells, ANALYSIS OF A RANDOM DIGRAPH GENERATING TECHNIQUE USED IN THE EVALUATION OF PARALLEL-PROCESSING STATIC TASK ALLOCATION HEURISTICS, Transactions of SSST-meeting held at U of A, March 9-10, 1993.
- (38) With H.S. Kim, MODULAR POSETS AND SEMIGROUPS, Semigroup Forum, 53 (1996) 57-62.
- (39) With B. Earl Wells, HANDICAPPING THE JUDGE, Quality and Quantity, 31, 173-191, 1997.

- (40) With Y.B. Jun and H.S. Kim, ON NORMAL L-FUZZY IDEALS IN SEMIRINGS I, 82 (1996) 383-386 The International Journal for Fuzzy Sets and Systems
- (41) With Y.B. Jun and H.S. Kim, ON L-FUZZY IDEALS IN SEMIRINGS I, Czech Math. Journal. 88(123)(1999), 58-67.

JOSEPH NEGGERS

5

- (42) With H.S. Kim, ON d-ALGEBRAS, in Slovak Journal of Mathematics. 49 (1999), 19-26.
- (43) With Y.B. Jun and H.S. Kim, ON L-FUZZY IDEALS IN SEMIRINGS II, Czech Math. Journal, 49 (124), (1999), 127-133.
- (44) With H.S. Kim, DENSITY AND ATTACHMENT FUNCTIONS FOR FINITE POSETS, Journal of the Indian Mathematical Society, Vol. 65 (1998), 93-105.
- (45) With H.S. Kim, EXTENSIONS OF L-FUZZY IDEALS IN SEMIRINGS, Kyungpook Mathematical Journal, 38 (1998), 131-135.
- (46) With H.S. Kim, SELF-DISTRIBUTIVE MODULAR POGROUPOIDS AND POSETS, Kyungpook Mathematical Journal, 38 (1998), 407-409
- (47) With H.S. Kim, BASIC POSETS (book), World Scientific Publishing Company, Singapore, 1998.
- (48) WITH H.S. Kim, Y.B. Jun, ON d-IDEALS IN d-ALGEBRAS, Math Slovaca, 49 (1999), 3, 243-251.
- (49) With H.S. Kim, FUZZY POSET ON SETS, The Fuzzy Sets and Systems 117 (2001), 391-402.
- (50) With C.A. Libis: GENERALIZED SUMS OF POWERS, Far East Journal of Mathematical Sciences 2(1)(2000), 1-5.
- (51) With H.S. Kim: FUZZY SUBSETS ARE FUZZY SUBALGEBRAS, Journal of Fuzzy Mathematics, Vol 8 (2), (2000), 315-318.
- (52) With H.S. Kim: ON ANALYTIC T-ALGEBRAS, Math Japonica Online vol 4 (2001), 157-163.
- (53) With H.S. Kim and Y. Kim: VARIETIES OF POSETS AND POSET GEOMETRY, to appear, Math. Slovaca.
- (54) With Y. B. Jun and H. S. Kim: FUZZY d-IDEALS OF d-ALGEBRAS, Journal of Fuzzy Mathematics Vol. 8 (2000), 123-130.
- (55) With H.S. Kim: FUZZY RELATIONS IN BCK-SKELETON POGROUPOIDS, Journal of Fuzzy Mathematics Vol 8 (3), (2000), 753-756.

- (56) With A. Dvurecenskij and H.S. Kim: ON FUZZY d -FUNCTIONS IN d -ALGEBRAS, Foundations of Physics Vol 30 (10) (2001) 1805-1815.
- (57) With H.S. Kim: ALGEBRAS ASSOCIATED WITH POSETS. Demonstratio Mathematica Vol 34 (1) (2001), 14-23.

JOSEPH NEGGERS

6

- (58) With H.S. Kim: A FUNDAMENTAL THEOREM OF B-HOMO-MORPHISMS FOR B-ALGEBRAS, Intern.Math.Journal, 2 (3) (2002), 207-214.
- (59) With J.S. Chang and H.S. Kim: SEMIRING OF FUZZY REAL NUMBERS, Intern.Math.Journal, 2 (3) (2002), 199-205
- (60) With S.S.Ahn and H.S.Kim: ON Q-ALGEBRAS, Int. Journal of Math. And Math. Sciences (2001).
- (61) With Y.H.Kim and H.S.Kim: INCOMPARABILITY AND TRANSITIVITY, Kyungpook Math Journal, 43 (1) (2002).
- (62) On B-Algebras. J Neggers and Hee Sik Kim. Matematichki Vesnik, Vol 54, issue 1-2, 2002, 21-29.
- (63) On beta-algebras. J Neggers and Hee Sik Kim. Math. Slovaca, 52 (2002), no 5, 517-530.
- (64) B-Algebras and Groups, with P. Allen and H.S. Kim, Scientifiae Mathematicae Japonicae, 59, No. 1 (2004), 23-29.
- (65) L-UP and Mirror Algebras, with P. Allen and H.S. Kim, Scientifiae Mathematicae Japonicae, Vol. 9 (2004), 381-388.
- (66) Coxeter algebras and pre-Coxeter algebras in the Smarandache setting, with Y.H.Kim and H.S.Kim, Honam Math.J.26(4)(2004)
- (67) Smarandache Disjointness in BCK/ d -algebras with P.J.Allen and S. Kim, Sci.Math.Japo, 61(3) (2005), 447-449.
- (68) Fuzzy pogroupoids, with H.S.Kim, to appear in Information Sciences, 175 (2005), 108-119.
- (69) Supercommutative d -Algebras in the Smarandache Setting with P.Allen and H.S. Kim, Sci. Math Japo. 62(1)(2005), 131-135.
- (70) Fuzzy Algebras and Directions, with P. Allen and H.S. Kim, J. Fuzzy Math. 14(1)(2006), 185-194.

- (71) Ideal Theory in Commutative A-semirings, with P. Allen
And H.S. Kim, Kyungpook Math J. 46(2)(2006), 267-276.
- (72) On Companion d-Algebras, with P. Allen, and H.S. Kim,
Math. Slovaca. (Accepted)
- (73) Psuedo Fuzzy Linear Mappings, with B. Monk and H.S.
Kim, Information Sciences 177(2007), 897-905.

JOSEPH NEGGERS

7

- (74) On J Algebras, with K. Iseki and H.S. Kim, Math
Japonica. 63(3)(2006), 413-419.
- (75) Hemi and Weak Algebras, with P.J.Allen and H.S.Kim;
To: J. Multiple Valued Logic and Soft Computing.
- (76) Isotopes of d-Algebras and S-BCK-Algebras, with
P.J.Allen and H.S.Kim; To: J. Multiple Valued Logic and
Soft Computing.
- (77) S-Algebras and S-BCK-Algebras, with H.S.Kim and
Y.H.Kim; To: J. Multiple Valued Logic and Soft
Computing.
- (78) On Doubling Algebras, with K.Iseki and H.S.Kim; To:
Sci.Math.Japo.
- (79) On Pseudo-Intuition Fuzzy Linear Mappings, with Y.B.Jun
and H.S.Kim; To: Information Sciences.
- (80) Semigroups of Binary Systems and Some Perspectives with
H.S.Kim; To: Semigroup Forum.
- (81) Some Topological Properties in d-Algebras, with Sun
Shin Ahn and Hee Sik Kim; To: Kyungpook Math. Journal

REVIEWS

My several hundred reviews and referee work are mostly in the area of poset theory, algebraic graph theory and combinatorics and include topics which are of an applied as well as a pure nature. My reference work for various journals is in the same areas.

DOCTORAL STUDENTS

Japheth Hall
Kenneth W. Johnson
Wallace Maryland, Jr
William H. Rant
Thomas Sadler
James Harris
M.S. Rhee

Carl Libis
B.J. Monk
R. Prevo