

Curriculum Vitae

ÁGNES E. SZENDREI

(Current as of January 31, 2019)

Contact Information:

Department of Mathematics
University of Colorado
Boulder, CO 80309-0395

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Research Interests:

Algebra, combinatorics, logic

Degrees:

Doctor of Mathematical Sciences, Hungarian Academy of Sciences, 1993
Doctoral degree, Hungarian Academy of Sciences, 1982

Professional Experience:

University of Colorado

2005–present Full professor
2003–2005 Associate professor

University of Szeged

1993–2003 Full professor
1984–1993 Associate professor
1982–1984 Assistant professor

Visiting positions:

University of Szeged, Hungary, 2010
University of Hawaii, Honolulu, U.S.A., 2006
University of Louisville, U.S.A., 1999–2000

Research visits:

University of Hawaii, Honolulu, U.S.A., 2018
Johannes Kepler University, Linz, Austria, 2014
Fields Institute, Toronto, Canada, 1996
Technische Universität Darmstadt, Germany, 1989–90, 1994
Université de Montréal, Canada, 1980–81

Awards:

Farkas Bolyai Award, Hungarian Academy of Sciences, 2000

A national award given by the Hungarian Academy of Sciences for excellence in research, teaching and service.

Széchenyi Professorial Fellowship, Hungarian Ministry of Education, 1997–2000

A fellowship for research and teaching awarded to selected university professors by the Hungarian Ministry of Education.

Mathematical Research Award of the Hungarian Academy of Sciences, 1994

A national research award given by the Hungarian Academy of Sciences for outstanding research in mathematics.

Paul Erdős Mathematical Award, Hungarian Academy of Sciences, 1991

The national research award given by the Hungarian Academy of Sciences for outstanding research in mathematics by a mathematician under age 40.

Humboldt Fellowship, Germany, 1989–90, 1994

A research fellowship awarded by the Humboldt Foundation (Bonn, Germany).

Kiváló Munkáért (Award for Excellence), Ministry of Education, 1983

A national award given by the Hungarian Ministry of Education for outstanding work in the field of education.

NSERC Research Fellowship, Canada, 1980–81

A research fellowship awarded by the Natural Sciences and Engineering Research Council of Canada.

Ring of the Republic, President of Hungary, 1979

The Hungarian President's award for scholarship. This award is a gold ring, presented by the President of Hungary, to the top scholar completing his or her studies at a Hungarian university.

Géza Grünwald Award, János Bolyai Mathematical Society, 1978

The national research award given by the János Bolyai Mathematical Society for outstanding research in mathematics by a person under age 30.

National Medal for Outstanding Studies, Ministry of Education, 1977

The national scholarship award given by the Hungarian Ministry of Education for outstanding performance by a university student.

Kató Rényi Award, János Bolyai Mathematical Society, 1975

The national research award given by the János Bolyai Mathematical Society for outstanding research in mathematics by an undergraduate.

Research Grants:

National Research, Development and Innovation Fund of Hungary, grant no. K128042, 2018–2022

NSF grant no. DMS 1500254 (funded jointly by the NSF programs in Foundations, Computational Mathematics, Computing and Communications Foundations, and the Office of Multidisciplinary Activities), Collaborative Research: *Algebra and Algorithms, Structure and Complexity Theory*, 2015–18

National Foundation for Scientific Research, grant no. OTKA K 115518, 2015–2019

National Foundation for Scientific Research, grant no. OTKA K 104 251, 2013–2017

National Foundation for Scientific Research, grant no. OTKA K 083 219, 2011–2015

National Foundation for Scientific Research, grant no. OTKA K 077 409, 2009–2012

National Foundation for Scientific Research, grant no. OTKA K 060 148, 2006–2009

National Foundation for Scientific Research, grant no. OTKA T 048 809, 2005–2008

National Foundation for Scientific Research, grant no. OTKA T 037 877, 2002–2005 (PI)

National Foundation for Scientific Research, grant no. OTKA T 034 175, 2001–2004

Joint grant of the National Science Foundation (NSF), the Hungarian Academy of Sciences (MTA), and the Hungarian National Foundation for Scientific Research (OTKA), grant no. DMS 9941276, MTA 005–OTKA N31156, 1999–2001 (Hungarian PI)

National Foundation for Scientific Research, grant no. OTKA T 026 243, 1998–2001 (PI)

Hungarian Ministry of Education, grant no. FKFP 0877/1997, 1997–98 (PI)

National Foundation for Scientific Research, grant no. OTKA T 022 867, 1997–2000

Hungarian Ministry of Education, grant no. MKM KF 402/96, 1996–1997

National Foundation for Scientific Research, grant no. OTKA T 017 005, 1995–1996 (PI)

Hungarian Ministry of Education, grant no. MKM KF 433/94, 1994–1995 (PI)

National Foundation for Scientific Research, grant no. OTKA 1903, 1991–1994 (PI)

National Foundation for Scientific Research, grant no. OTKA 1813, 1986–1990

Hungarian Research Fund, grant no. A–MM–339/84, 1985–1989

Conference Grants:

NSF Grant no. DMS 1728937 for the conferences *BLAST 2017, 2018, 2019*

NSF Grant no. DMS 1263229 for the conferences *BLAST 2013, 2014, 2015*

Council on Research and Creative Work of the University of Colorado for the conference *BLAST 2010*

NSF Grant no. DMS 0931980 for the conferences *BLAST 2009, 2010, 2011*

Grants awarded by the Foundation for Szeged, the Hungarian Academy of Sciences, the Hungarian National Foundation for Scientific Research, the Ministry of Education, and the Regional Committee of the Hungarian Academy of Sciences in Szeged, for the conference *Universal Algebra and Lattice Theory, 2002*

Grant awarded by the Paul Erdős Summer Research Center of Mathematics, for the workshop *A Course in Tame Congruence Theory, 2001*

Grants awarded by the Catching up with European Higher Education Fund, the European Mathematical Society, the National Committee for Technical Development, the Hungarian National Foundation for Scientific Research, and the Foundation for Szeged, for the conference *Universal Algebra and Lattice Theory, 1996*

Invited Plenary Lectures at International Conferences:

BLAST 2018, Denver, 2018

Joint Meeting of the 94th Arbeitstagung Allgemeine Algebra and the 5th Novi Sad Algebraic Conference, Novi Sad, Serbia, 2017

88th Arbeitstagung Allgemeine Algebra, Warsaw, Poland, 2014

Kangro-100: Methods of Analysis and Algebra, Tartu, Estonia, 2013

4th Novi Sad Algebraic Conference (NSAC '13), Novi Sad, Serbia, 2013

Conference on Universal Algebra and Lattice Theory, Szeged, Hungary, 2012

81st Arbeitstagung Allgemeine Algebra, Salzburg, Austria, 2011

Clone Theory and Discrete Mathematics, Kyoto, Japan, 2008

76th Arbeitstagung Allgemeine Algebra, Linz, Austria, 2008

International Conference on Order, Algebra, and Logics, Nashville, TN, 2007 (Invited tutorial)

2nd Novi Sad Algebraic Conference (NSAC '05), Novi Sad, Serbia–Montenegro, 2005

1st Novi Sad Algebraic Conference (NSAC '03), Novi Sad, Yugoslavia, 2003

Conference on Modern Algebra and its Applications, Nashville, TN, U.S.A., 2002

Conference in Algebra in Honour of the 70th Birthday of Ervin Fried, Budapest, 1999

VIII. Conference on Algebra and Logic, Novi Sad, Yugoslavia, 1998

54th Arbeitstagung Allgemeine Algebra, Klagenfurt, Austria, 1997

Conference on Modern Algebra and its Applications, Nashville, TN, U.S.A., 1996

50th Arbeitstagung Allgemeine Algebra, Darmstadt, Germany, 1995

Conference on Universal Algebra and Category Theory, Berkeley, CA, U.S.A., 1993

4th Conference on Discrete Mathematics, Potsdam, Germany, 1993

22nd International Symposium on Multiple-Valued Logic, Sendai, Japan, 1992

The Jónsson Symposium, Laugarvatn, Iceland, 1990

33rd Arbeitstagung Allgemeine Algebra, Darmstadt, Germany, 1986

Séminaire de Mathématiques Supérieures (23e Session), Montreal, Canada, 1984

Invited Special Session Talks at American Mathematical Society Meetings:

Spring Southeastern Sectional Meeting, Charleston, SC, 2017

Fall Western Sectional Meeting, Denver, CO, 2016

Fall Southeastern Sectional Meeting, Louisville, KY, 2013
Spring Western Sectional Meeting, Honolulu, HI, 2012
Spring Central Sectional Meeting, Iowa City, IA, 2011
Spring Central Sectional Meeting, Urbana, IL, 2009
Spring Southeastern Sectional Meeting, Louisville, KY, 1998

Conference Organization:

Principal Organizer:

Universal Algebra and Lattice Theory, July 2002, Szeged, Hungary
A Course in Tame Congruence Theory (An Erdős Center Workshop), July 2001, Budapest, Hungary
Workshop on Tame Congruence Theory, August 1998, Szeged, Hungary
Universal Algebra and Lattice Theory July 1996, Szeged, Hungary
Colloquium on Universal Algebra, August 1989, Szeged, Hungary
Colloquium on Universal Algebra, August 1983, Szeged, Hungary

Co-Organizer:

BLAST 2019, May 2019, University of Colorado at Boulder
Algebra and Algorithms, Structure and Complexity Theory, a workshop on constraint satisfaction, structure theory and computation in algebra, May 2018, University of Hawaii at Manoa
Algebra and Algorithms, Structure and Complexity Theory, a workshop on constraint satisfaction, structure theory and computation in algebra, May 2016, University of Colorado at Boulder
Universal Algebra and Constraint Satisfaction, a special session at the 2014 North American Annual Meeting of the Association for Symbolic Logic, May 2014, University of Colorado at Boulder
2014 North American Annual Meeting of the Association for Symbolic Logic, May 2014, University of Colorado at Boulder
Algebras, Lattices and Varieties, a special session at the Western Sectional AMS meeting, April 2013, University of Colorado at Boulder
BLAST 2010, June 2010, University of Colorado at Boulder
MAMLS in Boulder – Conference in Honor of Richard Laver, February 2010, University of Colorado at Boulder
Algorithmic Complexity and Universal Algebra, July 2007, Szeged, Hungary
Algebras, Lattices and Varieties – a conference in Honor of Walter Taylor, August 2004, University of Colorado at Boulder
Algebras, Lattices and Varieties, a special session at the Western–Central AMS meeting, October 2003, University of Colorado at Boulder
Modes, Modals, Related Structures and Applications, Stefan Banach International Mathematical Center, March 1997, Warsaw, Poland
Lattices, Ordered Sets, and Algebra, August 1993, Szeged, Hungary
Colloquium on Lattice Theory, August 1980, Szeged, Hungary
Finite Algebra and Multiple-Valued Logic, August 1979, Szeged, Hungary

Program Committee, Scientific Committee:

BLAST, August 2017, Vanderbilt University, Nashville
93rd Arbeitstagung Allgemeine Algebra, February 2017, Bern, Switzerland
Workshop on Structure and Complexity in Universal Algebra, September 2016, Vanderbilt University, Nashville
BLAST, June 2015, University of North Texas, Denton

90th Arbeitstagung Allgemeine Algebra, June 2015, Novi Sad, Serbia
 BLAST, January 2015, New Mexico State University, Las Cruces
 87th Arbeitstagung Allgemeine Algebra, February 2014, Linz, Austria
 BLAST, August 2013, Chapman University, Orange
 Conference on Universal Algebra and Lattice Theory, June 2012, University of Szeged, Hungary
 BLAST, June 2011, University of Kansas, Lawrence
 BLAST, June 2010, University of Colorado at Boulder
 BLAST, August 2009, New Mexico State University
 BLAST, August 2008, University of Denver
 International Conference on Order, Algebra, and Logics, June 2007, Vanderbilt University

Reviewer of Grant Proposals for:

Austrian Academy of Sciences
 Austrian Science Fund
 Czech Science Foundation
 Hungarian Academy of Sciences
 Hungarian Accreditation Committee
 Hungarian National Excellence Program
 Hungarian National Foundation for Scientific Research (OTKA)
 Ministry of Education, Hungary
 NSERC Canada
 Science Foundation of Ireland

Thesis Referee on Foreign Thesis Committees:

Alberto Chicco, PhD thesis, McMaster University, Hamilton, ON, Canada, 2018
 R. Chudamani, PhD thesis, Acharya Nagarjuna University, Nagarjuna Nagar, India, 2017
 Markus Steindl, PhD thesis, Johannes Kepler University, Linz, 2015
 Michael Pinsker, Habilitation Thesis, Vienna University of Technology, Vienna, 2010

Editorial Work:

Editor for the journals:

Acta Scientiarum Mathematicarum, 1982–present
 Algebra Universalis, 1989–present
 International Journal of Mathematics and Computer Science, 2005–2015

Guest Editor for the journals:

Order, 2010-2012
 Periodica Mathematica Hungarica, 2010-2011

Reviewer for:

Mathematical Reviews
 McGraw-Hill

Referee for the journals:

Acta Cybernet.	Internat. J. Math. Math. Sci.
Acta Math. Hungar.	J. Algebra
Acta Math. Univ. Comenian.	Mat. Vesnik
Acta Sci. Math.	Mem. Amer. Math. Soc.
Acta Univ. M. Belii Ser. Math.	Monatshefte für Mathematik
Aequationes Mathematicae	Multiple-Valued Logic
Algebra Universalis	Order
Ann. Fac. Sci. Univ. Yaoundé	Period. Math. Hungar.
Ann. Univ. Sci. Budapest. Eötvös	Proc. Amer. Math. Soc.

Beiträge Algebra Geom.
Central European J. Math.
Discrete Appl. Math.
Discrete Math.
Demonstr. Math.
Elektron. Informationsverarb. Kybernet.
European J. Combin.
Internat. J. Algebra Comput.
and various conference proceedings.

Publ. Math. Debrecen
Rev. Un. Mat. Argentina
Semigroup Forum
SIAM J. Computing
Studia Logica
Studia Sci. Math. Hungar.
Tatra Mt. Math. Publ.
Theory Comput. Syst.

Membership in Professional Societies:

American Mathematical Society
European Mathematical Society
János Bolyai Mathematical Society

Thesis Direction:

University of Szeged

László Zádori, M.Sc. 1983
Zoltán Vincze, M.Sc. 1986
János Gál, M.Sc. 1986
Zenóbia Zilay, M.Sc. 1987
Zoltán Pavelka, M.Sc. 1987
Tamás Bajusz, M.Sc. 1987
Orsolya Mázsa, M.Sc. 1992
Zsolt Papp, M.Sc. 1993
Emese Mester, M.Sc. 1993
Tamás Kámán, M.Sc. 1993
Andrea Kiszely, M.Sc. 1995
Miklós Dormán, M.Sc. 1996
Miklós Maróti, M.Sc. 1996
Emőke Székely, M.Sc. 1996
Ildikó Vakulya, M.Sc. 1997

Edit Feldusz, M.Sc. 1998
Éva László, M.Sc. 1998
Mónika Lőrincz, M.Sc. 1998
Anikó Veres, M.Sc. 1998
Attila Maróti, M.Sc. 1999
László Tóth, M.Sc. 1999
Bernadett Tótván, M.Sc. 1999
László Kóródi, M.Sc. 2000
Rita Heizer, M.Sc. 2000
Miklós Maróti, Ph.D. 2007
Tamás Waldhauser, Ph.D. 2007 (co-advisor)
Attila Maróti, Ph.D. 2008 (co-advisor)
Miklós Dormán, Ph.D. 2010
Ildikó Nagy, BSc. 2010 (co-advisor)

University of Colorado

Jason Shaw, Ph.D. 2008
Paige Cudworth, M.A. 2009
Richard Dodson, M.A. 2009
Topaz Dent, Ph.D. 2011
Clifford Bridges, M.A. 2012
Matthew Hartman, M.A. 2012

Elliot Kruskal, M.A. 2014
Julie Linman, Ph.D. 2016
Jeffrey Shriner, Ph.D. 2018
Clifford Bridges, Ph.D. (in progress)
Michael Wheeler, Ph.D. (in progress)

Degree Committees:

L. Conaway, Department of Mathematics, University of Louisville, M.Sc. Exam Committee, 2000
S. Miller, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2005
A. Mann, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2005
M. Nickodemus, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2005
Y. J. Kwak, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2005
C. Bruns, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2005
H. Denoncourt, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2005
J. Horne, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2005

J. Allen, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2005

J. Shaw, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2006 (advisor)

T. Dent, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2007 (advisor)

J. Wiscons, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2007

A. Mann, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2007

M. Nickodemus, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2007

C. Bruns, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2008

T. S. Unger, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2008

J. Sanders, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2008

J. Shaw, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2008 (advisor)

H. Denoncourt, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2008

D. McCarl, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2008

R. Chestnut, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2009

R. Dodson, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2009 (advisor)

P. Cudworth, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2009 (advisor)

J. Hill, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2010

Yingwei Li, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2010

K. Selker, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2010

Young Jo Kwak, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2010 (second reader)

T. Dent, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2011 (advisor)

J. Wiscons, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2011

A. Moorhead, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2011

C. Scherer, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2011

R. Chestnut, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2012

C. Bridges, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2012 (advisor)

M. Hartman, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2012 (advisor)

M. Moore, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2013

J. Linman, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2013 (advisor)

C. Bridges, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2013 (advisor)

E. Kruskal, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2014 (advisor)

D. Golovanich, Department of Mathematics, University of Colorado, Master's Presentation Committee, 2014

C. Clark, Department of Philosophy, University of Colorado, Honors Thesis Defense Committee, 2014

K. Selker, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2015

J. Shriner, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2015 (advisor)

K. Berg, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2015

S. Weinell, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2015

M. Pullins, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2016

J. Linman, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2016 (advisor)

Ch. Scherer, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2016

T. Jack, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2016

A. Moorhead, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2017

T. Schrock, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2017

A. Sparks, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2017

A. Lotfi, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2017

J. Shriner, Department of Mathematics, University of Colorado, Ph.D. Dissertation Committee, 2018 (advisor)

M. Wheeler, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2018

J. Dubeau, Department of Mathematics, University of Colorado, Ph.D. Comprehensive Exam, 2018

Service Activities:

International Level:

Coordinator of the satellite conferences of the 2nd European Congress of Mathematics, July 21–27, 1996

National Level (Hungary):

Member of the Mathematical Committee of the Hungarian Academy of Sciences, 1986–2005

Secretary of the Mathematical Committee of the Hungarian Academy of Sciences, 1996–99

Member of the Mathematical Sciences Governing Board of the Hungarian Academy of Sciences, 1996–2005

Member of the Mathematical Doctoral Committee of the Hungarian Academy of Sciences, 1996–2003

Member of the General Assembly of the Hungarian Academy of Sciences, 1998–2004

Member of the Hungarian Accreditation Committee (Mathematical Sciences), 1994–2001

Member of the Committee for International Relations of the János Bolyai Mathematical Society, 1986–92

Member of the Scientific Committee of the János Bolyai Mathematical Society, 1994–2003

Member of the Mathematical Jury of the Hungarian National Foundation for Scientific Research (OTKA), 1994–96

Chair of the Mathematical Jury of the Széchenyi Professorial Fellowship Curatorium, 1997–99

University Level (University of Szeged):

Member of the Council of the Faculty of Science of the University of Szeged, 1990–2002

Member of the Ph.D. Committee of the Faculty of Science, 1996–2003

Departmental Level (Department of Mathematics, University of Szeged):

Associate Chair of Mathematics Department, 1992–93

Member of the Department Council, 1988–2003

Member of the Council of the Mathematical Doctoral School of the University of Szeged, 1996–2003

Library Committee Liaison, 1992–2000

Organizer of the Algebra Seminar, 1990–2001

Member of numerous departmental committees on curriculum development and the redesign of the advanced degree program, 1985–2003

University Level (University of Colorado):

Member of the Academic Review and Planning Advisory Committee, 2012–2015

College Level (University of Colorado):

Member of the Arts & Sciences Fund for Excellence Committee, 2016–present

Departmental Level (Department of Mathematics, University of Colorado):

Member of the Executive Committee, 2008–2009, 2016–2017

Member of the Graduate Committee, 2004–2008, 2011–2013

Member of the Undergraduate Committee, 2015, 2018–present

Member of the primary unit evaluation committee for Dr. D. Vernerey’s reappointment, 2015

Member of the primary unit evaluation committee for Dr. P. Mayr’s reappointment, 2018

Language examiner for doctoral students (German), 2005–2007

Calculus 1 Czar, Fall 2006

Member of Graduate Preliminary Examination Committee, 2006, 2007 (chair), 2009 (chair), 2011, 2012, 2013, 2015, 2018

Member of Search Committee, 2006–2007, 2008–2009

Organized/co-organized Graduate Algebra Seminar, 2006–present

Co-organized Logic Seminar, 2018–present

Member of Task Force for Evaluation, Reappointment, Promotion, Tenure, 2007–2008

Chair of Task Force for Evaluation, Reappointment, Promotion, Tenure, 2008–2010

Publications:

Authors are listed in alphabetical order.

RESEARCH MONOGRAPH:

1. Á. Szendrei, *Clones in Universal Algebra*, Séminaire de Mathématiques Supérieures, vol. 99., Les Presses de l’Université de Montréal, Montréal, 1986; 166 pages.

CHAPTER IN RESEARCH MONOGRAPH (SOLICITED):

1. Á. Szendrei, *A survey of clones closed under conjugation*, Galois Connections and Applications, edited by K. Denecke, M. Erné, S. L. Wismath, Kluwer, 2004; pp. 297–343.

PEER REVIEWED RESEARCH PAPERS:

1. Á. Szendrei, Idempotent reducts of abelian groups, *Acta Sci. Math. (Szeged)* **38** (1976), 171–182.
2. Á. Szendrei, The operation ISKP on classes of algebras, *Algebra Universalis* **6** (1976), 349–353.
3. Á. Szendrei, On affine modules, *Contributions to Universal Algebra* (Proc. Conf. Szeged, 1975), Colloq. Math. Soc. J. Bolyai, vol. 17, North-Holland, Amsterdam, New York, Oxford, 1977; pp. 457–464.
4. Á. Szendrei, On the arity of affine modules, *Colloq. Math.* **38** (1977), 1–4.

5. Á. Szendrei, Torsion theories in affine categories, *Acta Math. Acad. Sci. Hungar.* **30** (1977), 351–369.
6. Á. Szendrei, On the idempotent reducts of modules. I, *Universal Algebra* (Proc. Conf. Esztergom, 1977), Colloq. Math. Soc. J. Bolyai, vol. 29, North-Holland, Amsterdam, New York, Oxford, 1982; pp. 753–767.
7. Á. Szendrei, On the idempotent reducts of modules. II, *Universal Algebra* (Proc. Conf. Esztergom, 1977), Colloq. Math. Soc. J. Bolyai, vol. 29, North-Holland, Amsterdam, New York, Oxford, 1982; pp. 769–780.
8. Á. Szendrei, On modules in which idempotent reducts form a chain, *Colloq. Math.* **40** (1979), 191–196.
9. Á. Szendrei, On closed sets of linear operations over a finite set of square-free cardinality, *Elektron. Informationsverarb. Kybernet.* **14** (1978), 547–559.
10. Á. Szendrei, Identities satisfied by convex linear forms, *Algebra Universalis* **12** (1981), 103–122.
11. Á. Szendrei, Identities in idempotent affine algebras, *Algebra Universalis* **12** (1981), 172–199.
12. Á. Szendrei, A new proof of the McKenzie–Gumm Theorem, *Algebra Universalis* **13** (1981), 133–135.
13. Á. Szendrei, On weakly commuting operations, *Contributions of General Algebra* (Proc. Klagenfurt Conf., 1978), Verlag Johannes Heyn, Klagenfurt, 1979; pp. 373–380.
14. L. Szabó, Á. Szendrei, Almost all algebras with triply transitive automorphism groups are functionally complete, *Acta Sci. Math. (Szeged)* **41** (1979), 391–402.
15. Á. Szendrei, On closed classes of quasilinear functions, *Czechoslovak Math. J.* **30** (105) (1980), 498–509.
16. P. P. Pálffy, L. Szabó, Á. Szendrei, Algebras with doubly transitive automorphism groups, *Finite Algebra and Multiple-Valued Logic* (Proc. Conf. Szeged, 1979), Colloq. Math. Soc. J. Bolyai, vol. 28, North-Holland, Amsterdam, New York, Oxford, 1981; pp. 521–535.
17. Á. Szendrei, Clones of linear operations on finite sets, *Finite Algebra and Multiple-Valued Logic* (Proc. Conf. Szeged, 1979), Colloq. Math. Soc. J. Bolyai, vol. 28, North-Holland, Amsterdam, New York, Oxford, 1981; pp. 693–738.
18. G. Pollák, Á. Szendrei, Independent basis for the identities of entropic groupoids, *Comment. Math. Univ. Carolinae* **22** (1981), 71–85.
19. L. Szabó, Á. Szendrei, Shupecki-type criteria for quasilinear functions over a finite dimensional vector space, *Elektron. Informationsverarb. Kybernet.* **17** (1981), 601–611.
20. P. P. Pálffy, L. Szabó, Á. Szendrei, Automorphism groups and functional completeness, *Algebra Universalis* **15** (1982), 385–400.
21. I. G. Rosenberg, Á. Szendrei, Degrees of clones and relations, *Houston J. Math.* **9** (1983), 545–580.
22. Á. Szendrei, Algebras of prime cardinality with a cyclic automorphism, *Arch. Math. (Basel)* **39** (1982), 417–427.
23. Á. Szendrei, Short maximal chains in the lattice of clones over a finite set, *Math. Nachr.* **110** (1983), 43–58.
24. Á. Szendrei, Demi-primal algebras, *Algebra Universalis* **18** (1984), 117–128.
25. E. Fried, L. Szabó, Á. Szendrei, Algebras with p -uniform principal congruences, *Studia Sci. Math. Hungar.* **16** (1981), 229–235 (appeared in 1983).
26. I. G. Rosenberg, Á. Szendrei, Submaximal clones with a prime order automorphism, *Acta Sci. Math. (Szeged)* **49** (1985), 29–48.
27. P. P. Pálffy, Á. Szendrei, Unary polynomials in algebras. II, *Contributions to General Algebra 2* (Proc. Klagenfurt Conf., 1982), Verlag Hölder–Pichler–Tempsky, Wien and Verlag Teubner, Stuttgart, 1983; pp. 273–290.
28. Á. Szendrei, Demi-primal algebras with a single operation, *Lectures in Universal Algebra* (Proc. Conf. Szeged, 1983), Colloq. Math. Soc. J. Bolyai, vol. 43, North-Holland, Amsterdam, New York, Oxford, 1986; pp. 509–531.
29. Á. Szendrei, Locally para-primal algebras, *Contributions to General Algebra 5* (Proc. Salzburg Conf., 1986), Verlag Hölder–Pichler–Tempsky, Wien and Verlag Teubner, Stuttgart, 1987; pp. 367–399.

30. Á. Szendrei, Idempotent algebras with restrictions on subalgebras, *Acta Sci. Math. (Szeged)* **51** (1987), 251–268.
31. Á. Szendrei, Every idempotent plain algebra generates a minimal variety, *Algebra Universalis* **25** (1988), 36–39.
32. Á. Szendrei, Symmetric algebras, *Contributions to General Algebra 6*, Verlag Hölder–Pichler–Tempsky, Wien and Verlag Teubner, Stuttgart, 1989; pp. 259–280.
33. T. Bajusz, G. McNulty, Á. Szendrei, Lyndon’s groupoid *is not* inherently nonfinitely based, *Algebra Universalis* **27** (1990), 254–260.
34. Á. Szendrei, The primal algebra characterization theorem revisited, *Algebra Universalis* **29** (1992), 41–60.
35. Á. Szendrei, Simple surjective algebras having no proper subalgebras, *J. Austral. Math. Soc. Ser. A* **48** (1990), 434–454.
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