### THOMAS, SIMON RHYS

#### **Distinguished Professor**

#### Education:

B.Sc., Bedford College, U. of London, 1978 Ph.D., Bedford College, U. of London, 1983

#### **Positions**:

Voluntary Service Overseas, St Pauls Senior High School, Denu, Ghana, 1978/80
Alexander von Humboldt Research Fellow, University of Freiburg, 1983/84
J. Willard Gibbs Instructor, Yale University, 1984/86
Asst. Professor, Rutgers, 1986/90
Assoc. Professor, Rutgers, 1990/97
Member of the Graduate Faculty of the Philosophy Department, 1996 ...
Professor I, Rutgers, 1997/2003
Professor II, Rutgers, 2003/2013
Distinguished Professor, Rutgers, 2013 ...

### Honors and Awards:

Invited Speaker, International Congress of Mathematicians, Madrid, 2006
Invited Speaker, 14th International Congress of Logic, Methodology and
Philosophy of Science, Nancy, 2011
Fellow of the American Mathematical Society, 2013
Keynote Speaker, Jahrestagung der Deutschen Mathematiker-Vereinigung,
Hamburg, 2015

### Grants:

NSF Grant DMS-8507644 NSF Grant DMS-8703229 NSF Grant DMS-8902139 NSF Grant DMS-9208302 NSF Grant DMS-9501176 NSF Grant DMS-9803417 NSF Grant DMS-0100794 NSF Grant DMS-0100794 NSF Grant DMS-1101597 NSF Grant DMS-1362974

#### Service to the Profession:

Referee for NSF, NSERC and NSA Grant proposals

Co-organizer of a special session on "Infinite groups and group rings" at the October 1996 AMS Meeting, Rider University, New Jersey.

Organiser of the October 1999 MAMLS Meeting (a.k.a. the Hajnal Meeting) at Rutgers University.

Member of the MAMLS advisory board.

Organiser of the Theme Day on "Sets and Groups" at the Groups St Andrews 2001 in Oxford Meeting.

Editor of the Journal of Symbolic Logic 2001-2007

Member of the Council of the Association for Symbolic Logic 2001-2007

Co-organiser of the February 2001 MAMLS Meeting at Rutgers University.

Organizer of a special session on "Set Theory and and Classification Problems" at the January 2002 AMS Meeting, San Diego.

Editorial Board of World Scientific book series on "Algebra and Discrete Mathematics"  $2002\,\ldots$ 

Scientific Committee of CIRM Meeting on "Groupes, geometrie et logique", Luminy, Marseilles, France 2004

Co-organiser of Antalya Algebra Days VII, Turkey 2005

Co-organiser of the September 2005 Rutgers MAMLS Meeting celebrating Shelah's 60th Birthday

Editorial Board of the ASL Perspectives in Logic book series 2007-2017

Editorial Board of Communications in Contemporary Mathematics 2007 ...

Organiser of a special session on "Set Theory of the Continuum" at the October 2007 AMS Meeting, Rutgers University

Programme Committee of Logic Colloquium 2008

Programme Committee of 2009 ASL Winter Meeting

Organiser of the October 2008 Rutgers MAMLS Meeting celebrating Cherlin's 60th Birthday

Co-organiser of "Groups and Models: Cherlin Bayrami, Istanbul 2009".

Organiser of the October 2009 Rutgers MAMLS Meeting

Organiser of the October 2010 Rutgers MAMLS Meeting

Member of Board of Jurors for Determining the Finalists for the 2011 Kurt Gödel Research Fellowship Prize Program

Organiser of the October 2011 Rutgers MAMLS Meeting

Organiser of the October 2012 Rutgers MAMLS Meeting

Member of the ASL Prizes and Awards Committee 2013/2018

Programme Committee of 2014 ASL Annual Meeting

Chair of the ASL Prizes and Awards Committee 2013  $\ldots$ 

Editor of Annals of Pure and Applied Logic 2013 ...

Local Organiser of the 2015 Fall Eastern Sectional Meeting of the American Mathematical Society, held at Rutgers University.

External Reviewer, Mathematics Department Graduate Program, University of North Texas - 2017

# Service to the University:

Math. Department Colloquium, Co-Chair - 1990/91

Math. Department Colloquium, Co-Chair - 1991/92

Math. Department Colloquium, Chair - 1996/97

Math. Department Colloquium, Co-Chair - 1997/98

Chairman of the Written Qualifying Examination Committee - Fall 1998

Member of Ad Hoc Departmental Personnel Committee for two promotion evaluations, FASN Mathematics & Computer Science - Fall 1998 Chairman of the Written Qualifying Examination Committee - Spring 1999 Lecturer at the Project SUPER Mathematics Workshop organised by the Douglass Project for Rutgers Women in Math, Science and Engineering - Summer 1999 Chairman of the Graduate Admissions Committee - 1999/2000 Member of Undergraduate Course Scheduling Committee (TAs) - 1999/2000 Member of Summer Session Scheduling Committee (TAs) - 1999/2000 Member of the Undergraduate Committee - 1999/2000 VIGRE Rotation Coordinator - 2001/2002 Member of the Graduate Committee 2002/2004 Member of Advisory Committee for Appointments and Promotions of Nontenured Faculty 2003/2005 Member of Personnel Planning Committee - 2005/2007 Chairman of the Committee on Honors and Prizes - 2006/2013 Member of the Undergraduate Committee - 2006/2011 Member of Peer Evaluation Committee - 2006/2007 Member of Ad Hoc Departmental Personnel Committee for a promotion evaluation, FASN Mathematics & Computer Science - Fall 2007 Member of Ad Hoc Departmental Personnel Committee for a promotion evaluation, FASN Mathematics & Computer Science - Fall 2009 Member of Personnel Planning Committee - 2009/2011 Member of Peer Evaluation Committee - 2009/2011 Member of SAS Committee on Undergraduate Education - 2010/2011 Member of SAS Mathematical and Physical Sciences Focus Group - 2013 Chair of the Mathematics Department - 2013/2016 Member of the "Robust Core of Science and Humanities" Committee - 2013 Member of SAS Executive Committee - 2014/2016 Member of SAS Strategic Plan Task Force on Graduate Education - 2015 Member of Chancellor's Advisory Committee on Metrics and Analytics - 2016/2017 Member of Personnel Planning Committee - 2016/2018 Member of Peer Evaluation Committee - 2017

### Service to the Community:

Panelist in symposium on "Proof: The Science of Relationships" following a performance of the David Auburn play "Proof" at the George Street Playhouse, New Brunswick - 2003.

#### **CONFERENCES**:

#### **Invited Talks at International Meetings:**

1983 Group theory meeting, Oberwolfach, West Germany

1984 Stability theory meeting, Trento, Italy

Plenary lecture, European meeting of the ASL, Manchester, Engl. 1985 Model theory meeting, Oberwolfach, West Germany 1987 Stability theory meeting, Trento, Italy 1988 Model theory meeting, Oberwolfach, West Germany Key speaker, Durham symposium on model theory and groups, England 1989 Malcev Meeting on Algebra and Logic, Novosibirsk, USSR 1990 AMS Meeting, Special Session on "Interactions between group theory and logic", University of California, Irvine 1992 AMS Meeting, Special Session on "Infinite groups and group rings", The University of Alabama, Tuscaloosa 1993 AMS Meeting, Special Session on "Model theory and algebra", University of San Antonio, Texas. 1994 AMS Meeting, Special Session on "Infinite groups and group rings", University of Kentucky, Lexington. Permutation group theory meeting, Oberwolfach, Germany Plenary lecture, Annual meeting of the ASL, Gainesville, Florida Model theory and algebra meeting, Essen, Germany 1995 Model theory and algebra meeting, Dresden, Germany 1996 RiP-Workshop on Locally Finite Groups, Oberwolfach, Germany 1997 CMS Meeting, Special Session on "Permutation groups and model theory", Winnipeg, Canada 1998 Meeting on Finite Model Theory, Oberwolfach, Germany CIRM Meeting on "Finite Groups and Locally Finite Groups, with Applications", Trento, Italy AMS Meeting, Special Session on "Set theory", State College, Pennsylvania 1999 Plenary lecture, Annual meeting of the ASL, San Diego European Science Foundation Conference on "Algebra and Discrete Mathematics: Infinite Combinatorics and Their Impact On Algebra", Hattingen, Germany 2000 Annual meeting of the ASL, Special Session on "Model theory", University of Illinois, Urbana-Champagne CMS Meeting, Special Session on "Logic", McMaster University, Canada 2001 Plenary lecture, Groups St Andrews 2001 in Oxford, England European Science Foundation Conference on "Algebra and Discrete Mathematics: Non-Classification and Independence Results for Modules, Groups and Model Theory", Hattingen, Germany 2002 "Algebra-Geometry and Interactions: An International Conference in memory of Reinhold Baer", Hattingen, Germany Invited Tutorial (three 1 hour talks), Logic Colloquium 2002, Münster, Germany Workshop on Descriptive Set Theory, Analysis and Dynamical Systems, The Fields Institute, Toronto, Canada 2003 "Logic and Mathematics: connections and interactions", University of Illinois, Urbana-Champagne Survey of the work of Hjorth/Kechris at the award ceremony of the 2003 Karp Prize, Annual meeting of the ASL, Chicago AMS Meeting, Special Session on "Geometric group theory", Binghamton AMS Meeting, Special Session on "Infinite groups and group rings", Binghamton

- 2004 CIRM Meeting on "Groupes, geometrie et logique" (three 1 hour talks), Luminy, Marseilles, France
- 2005 Annual meeting of the ASL, Special Session on "Set Theory and Borel Structure", Stanford, California

Invited Tutorial (three 1 hour talks), Methods of Logic in Mathematics 2005, Euler Mathematical Institute, St. Petersburg, Russia

2006 "Logic and Mathematics 2006", University of Illinois, Urbana-Champagne AMS Meeting, Special Session on "Model Theory and Computability", University of Notre Dame

Invited 45 minute lecture, International Congress of Mathematicians, Madrid, Spain Invited Tutorial (three 1 hour talks), 9th Luminy Workshop on Set Theory, CIRM Marseilles, France

2007 "From Higman-Sims to Urysohn: a random walk through groups, graphs, designs, and spaces", Ambleside, Lake District, England

Workshop on von Neumann Algebras and Ergodic Theory, UCLA

"Leonard Euler and Modern Combinatorics, applications to logic, representation theory, mathematical physics", Euler Mathematical Institute, St. Petersburg, Russia

2008 Plenary lecture, Winter Meeting of the ASL, San Diego Set Theory Meeting, Oberwolfach, Germany

"Logic and Mathematics 2008", University of Illinois, Urbana-Champagne

Invited Minicourse (three 1 hour talks), RIMS Set Theory Workshop, Kyoto, Japan. 10th Luminy Workshop on Set Theory, CIRM, Marseilles, France

2009 Vienna Set Theory Workshop, Erwin Schroedinger Institute, Vienna Workshop on von Neumann Algebras and Ergodic Theory, UCLA Special Session in Ergodic Theory and Set Theoretic Complexity, Spring Topology and Dynamics Conference, ville

Harvey Friedman's 60th Birthday Conference, Ohio State

Groups and Models: Cherlin Bayrami, Istanbul 2009

Descriptive Set Theory in Paris 2009, France

2010 Plenary lecture, Logic Colloquium 2010, Paris, FranceAMS Meeting, Special Session on "Large Cardinals and the Continuum", UCLA2011 Set Theory Meeting, Oberwolfach, Germany

Plenary lecture, Annual Meeting of ASL, Berkeley

49th Cornell Topology Festival, Cornell

Meeting on "Finite-dimensional Approximations of Discrete Groups", Oberwolfach, Germany

Groups and Model Theory, Muelheim an der Ruhr, Germany

Invited Tutorial (three 1 hour talks), Eighth Panhellenic Logic Symposium, Ioannina, Greece

- Invited Speaker, 14th International Congress of Logic, Methodology and Philosophy of Science, Nancy, France
- Geometric Group Theory and Logic Meeting, University of Illinois at Chicago Model Theory of Groups Meeting, CIRM, Marseilles, France

| Plenary lecture, 12th Asian Logic Conference, Wellington, New Zealand            |     |
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| 2012 Invited Speaker, "Trends in Set Theory", Banach Center, Warsaw, Poland      |     |
| Plenary lecture, 15th Latin American Symposium on Mathematical Logic,            |     |
| Bogota, Columbia   |     |
| Workshop on Descriptive Set Theory and Functional Analysis, Banff,               |     |
| Alberta, Canada.   |     |
| Geometry and analysis of large networks, Vanderbilt University, Nashville        |     |
| Workshop on von Neumann Algebras and Ergodic Theory, UCLA                        |     |
| Continuous Logic and Functional Analysis, Lyon, France                           |     |
| 12th Luminy Workshop on Set Theory, CIRM, Marseilles, France                     |     |
| 2013 Von Neumann Algebras and Ergodic Theory, Vanderbilt University              |     |
| Plenary lecture, 4th European Set Theory Conference, Món Sant Benet, Spair       | 1   |
| 2014 Set Theory Meeting, Oberwolfach, Germany                                    |     |
| Logic, Dynamics, and Interactions II, University of North Texas, Denton          |     |
| Mini-course, 7th Young Set Theory Workshop, Bedlewo, Poland                      |     |
| 2015 Keynote Address, Deutsche Mathematiker-Vereinigung-Jahrestagung 2015,       |     |
| Hamburg, Germany   |     |
| LMS Durham Research Symposium "Permutation groups and transformation semigroups" |     |
| 2016 Plenary lecture, South-Eastern Logic Symposium 2016, University of Florid   | la. |
| Gainesville  | ,   |
| BN-Pair Conference in honour of 60th birthdays of Alexandre Borovik and          |     |
| Ali Nesin, Istanbul, Turkey  |     |
| 2017 Mini-course, 15th Spring Institute on Noncommutative Geometry and           |     |
| Operator Algebras, Vanderbilt University   |     |
| Other Invited Talks, Colleguia, Seminars, etc.                                   |     |
| Other mysted laks, Conoquia, Seminars, etc.                                      |     |
| 1981 Logic seminar, Paris VI   |     |
| Group theory/logic seminar, Univ. of Manchester                                  |     |
| Group theory/logic seminar, Oxford University                                    |     |
| 1982 Logic seminar, Paris VI   |     |
| Algebra seminar, Cambridge University  |     |
| 1983 Colloquium, Erlangen University   |     |
| Colloquium, Tubingen University  |     |
| Colloquium, Mainz University   |     |
| 1984 Logic seminar, Heidelberg University  |     |
| Stability theory meeting, Bonn University  |     |
| Magnus Group Theory seminar, City University of New York                         |     |
| Colloquium, Michigan State University  |     |

Colloquium, Bowling Green University

Midwest logic meeting, University of Chicago Circle

1985 Logic seminar, City University of New York

Colloquium, Notre Dame University

CUNY Logic Workshop, City University of New York

Colloquium, University of Chicago Circle 1986 Colloquium, Freiburg University Mid-Atlantic logic meeting, Rutgers University Logic meeting, Notre Dame University 1987 Colloquium, University of Wisconsin/Parkside Logic seminar, University of Maryland Algebra meeting, University of Ottawa 1989 Algebra seminar, Oxford University Groups and Model Theory meeting, Oxford University Logic seminar, Queen Mary College, London Magnus Group Theory seminar, City University of New York Mid-Atlantic logic meeting, Leheigh University. 1990 New England set theory meeting, Smith College 1991 Mid-Atlantic logic meeting, University of Maryland Logic seminar, Wesleyan University, Middletown Logic seminar, MIT 1993 New England set theory meeting, Smith College Logic seminar, Wesleyan University, Middletown. Mid-Atlantic logic meeting, Lafayette University 1994 Colloquium, Middle East Technical University, Ankara, Turkey 1995 Logic seminar, Queen Mary College, London Groups and Model Theory meeting, Oxford University Model theory seminar, Leeds University Algebra seminar, Cambridge University Logic Seminar, Universitat Autònoma de Barcelona 1996 Mid-Atlantic logic meeting, Princeton University 1997 CUNY Logic Workshop, City University of New York 1998 Logic seminar, Paris VII CUNY Logic Workshop, City University of New York 1999 Magnus Group Theory seminar, City University of New York New York Graph Theory Day 37 sponsored by the New York Academy of Sciences, Bronx Community College CUNY Logic Workshop, City University of New York 2000 Mid-Atlantic logic meeting, University of Pennsylvania CUNY Logic Workshop, City University of New York Antalya Algebra Days II, Antalya, Turkey Greater Connecticut Logic Seminar, Wesleyan University The Mittag-Leffler Seminar, Institut Mittag-Leffler, Sweden 2001 Colloquium, California Institute of Technology Logic Colloquium, UCLA 8th South Eastern Logic Symposium, University of Florida, Gainesville 10th Boise Extravaganza in Set Theory, Boise State University Antalya Algebra Days III, Antalya, Turkey Colloquium, Penn State, University Park

Logic Seminar, Penn State, University Park 2002 CUNY Logic Workshop, City University of New York Colloquium, University of Illinois at Chicago Midwest Model Theory Meeting, Chicago Antalya Algebra Days IV, Antalya, Turkey 2003 Colloquium, University of Florida, Gainesville Colloquium, Binghamton University, SUNY Albany Group Theory Conference 2004 Magnus Group Theory seminar, City University of New York Colloquium, George Washington University, Washington Antalya Algebra Days VI, Antalya, Turkey Midwest Model Theory Meeting, Urbana-Champagne Colloquium, Institut Girard Desargues, Universite Claude Bernard Lyon-1, Lyon, France Model Theory Seminar, Institut Girard Desargues, Universite Claude Bernard Lyon-1, Lyon, France 2005 Colloquium, UCLA Antalya Algebra Days VII, Antalya, Turkey Colloquium, University of Geneva, Switzerland Group Theory Seminar, University of Geneva, Switzerland Group Theory Seminar, Ecole Polytechnique Fédérale de Lausanne, Switzerland CUNY Logic Workshop, City University of New York 2006 British Logic Colloquium, Oxford, England 2007 CUNY Logic Workshop, City University of New York Set theory seminar, UCLA Antalya Algebra Days IX, Antalya, Turkey Appalachian Set Theory Workshop (four 1 hour talks), Athens, Ohio Plenary lecture, MAA-NJ Section Meeting, St. Peter's College, Jersey City 2008 13th South Eastern Logic Symposium, University of Florida, Gainesville Colloquium, University of Florida, Gainesville Logic Colloquium, UCLA Minicourse, Turkish Mathematical Society Summer School, Sirince, Turkey Logic Seminar, Waseda University, Tokyo, Japan 2009 CUNY Set Theory Seminar, City University of New York Set Theory Seminar, Fields Institute, Toronto 2010 14th South Eastern Logic Symposium, University of Florida, Gainesville Logic Seminar, George Washington University, Washington D.C. Colloquium, University of Illinois at Chicago 2011 Colloquium, University of Münster, Germany Set Theory Seminar, University of Münster, Germany AMS Meeting, Special Session on "Set Theory", Cornell 2012 Millican Colloquium, University of North Texas, Denton CUNY Logic Workshop, City University of New York Logic Colloquium, UCLA

8

2013 Logic Seminar, Caltech

2014 AMS Meeting, Special Session on "Descriptive Set Theory and its Applications", University of New Mexico, Albuquerque

2015 Antalya Algebra Days XVII, Nesin Mathematics Village, Izmir, Turkey Special Session on Descriptive Set Theory, Canadian Mathematical Society Winter Meeting, Montreal

2016 AMS Meeting, Special Session on "Descriptive Set Theory and its Applications", University of Utah, Salt Lake City
Lezione Lagrangiana, University of Turin, Italy
Plenary lecture, BEST 2016, University of San Diego
CUNY Logic Workshop, City University of New York
Colloquium, University of Virginia
Algebra Seminar, University of Virginia
Manhattan Algebra Day, City University of New York
2017 VIG Meeting, UCLA

## **Doctoral Dissertations:**

James Sharp, The subgroup lattice of the infinite symmetric group, Ph.D. 1994. James Bennett, The reducts of some infinite homogeneous graphs and tournaments, Ph.D. 1996.

Maria Losada, Measure, category and the cofinality of the infinite symmetric group, Ph.D., 1996.

Yi Zhang, Cofinitary groups and almost disjoint families, Ph.D., 1997.

Steve Warner, The cofinality of automorphism groups of saturated structures, Ph.D. 2001.

Sam Coskey, Descriptive aspects of torsion-free abelian groups, Ph.D., 2008. Scott Schneider, Borel superrigidity for actions of low rank lattices, Ph.D., 2009. Paul Ellis, The classification problem for finite rank dimension groups, Ph. D., 2010. Jay Williams, Countable Borel quasi-orders, Ph. D., 2012.

Burak Kaya, Cantor minimal systems from a descriptive perspective, Ph. D., 2016.

# **PUBLICATIONS:**

## Thesis:

1. Classification theory of simple locally finite groups (Simon R. Thomas), Thesis, Univ. of London, 1983.

# **Edited Books:**

1. Set Theory: The Hajnal Conference (ed. by Simon Thomas), DIMACS Series vol. 58, American Mathematical Society, 2002.

## **Book Reviews:**

1. Cardinal Arithmetic, by S. Shelah, Bull. London Math. Soc. 29 (1997), 369-381.

# Papers:

- An identification theorem for the locally finite nontwisted Chevalley groups (Simon R. Thomas), Arch. Math. 40 (1983), 21-31.
- The classification of the simple periodic linear groups (Simon R. Thomas), Arch. Math. 41 (1983), 103-116.
- Complete existentially closed locally finite groups (Simon R. Thomas), Arch. Math. 44 (1985), 97-109.
- 4. The automorphism tower problem (Simon R. Thomas), Proc. Amer. Math. Soc. 95 (1985), 166-168.
- 5. Theories with finitely many models (Simon R. Thomas), J.S.L. **51** (1986), 374-376.
- Triangle transitive Steiner triple systems (Simon R. Thomas), Geom. Dedicata 21 (1986), 19-20.
- Groups acting on infinite dimensional projective spaces (Simon R. Thomas), J. Lond. Math. Soc. 34 (2) (1986), 265-273.
- 8. Subgroups of small index in infinite symmetric groups (J. D. Dixon, P. M. Neumann and Simon R. Thomas), Bull. Lond. Math. Soc. **18** (1986), 580-586.
- Complete universal locally finite groups of large cardinality (Simon R. Thomas), in Logic Colloquium '84 (ed. by J. B. Paris, A. J. Wilkie & G. M. Wilmers), North-Holland 1986, 277-301.
- 10. Designs over finite fields (Simon R. Thomas), Geom. Dedicata 24 (1987), 237-242.
- The infinite case of the edge orbit conjecture (Simon R. Thomas), Alg. Universalis, 24 (1988), 167-168.
- 12. Groups acting on infinite dimensional projective spaces, II (Simon R. Thomas), Proc. Lond. Math. Soc., **56**(3) (1988), 511-528.
- Fixed points of automorphisms of finitely generated free groups (Simon R. Thomas), Proc. Amer. Math. Soc., 103 (1988), 333.
- Implausible subgroups of infinite symmetric groups (S. Shelah and S. Thomas), Bull. Lond. Math. Soc., 20 (1988), 313-318.
- Subgroups of small index in infinite symmetric groups, II (S. Shelah and S.Thomas), J.S.L., 54 (1989), 95 -99.
- Groups acting on unordered sets (P. Cameron and S. Thomas), Proc. Lond. Math. Soc., 59 (3) (1989), 541-557.
- 17. Homogeneity in infinite permutation groups (S. Shelah and S. Thomas), Arch. Math. Logic, **28** (1989), 143-147.
- Countably categorical expansions of projective spaces (Simon R. Thomas), in The Model Theory of Groups (ed. by A. Nesin and A. Pillay), Notre Dame Mathematical Lectures Number 11, 1989, 68-87.
- 19. Reducts of the random graph (Simon Thomas), J.S.L. **56** (1991), 176-181.
- 20. Maximal subgroups of infinite symmetric groups (J. Baumgartner, S. Shelah and S. Thomas), Notre Dame Journal of Formal Logic **34** (1993), 1-11.
- Aspects of infinite symmetric groups (Simon Thomas), in Proc. AMS Special Session, Infinite groups and group rings, (ed. by J.M. Corson, M.R. Dixon, M.J. Evans and F.D. Rohl), World Scientific, (1993), 139-145.
- 22. Uniformization problems and the cofinality of the infinite symmetric group (J. Sharp and S. Thomas), Notre Dame Journal of Formal Logic **35** (1994), 328-345.

- 23. Canonical expansions of countably categorical structures (Simon R. Thomas), Automorphisms of First-Order structures (ed. by R.W. Kaye and H.D. Macpherson), Oxford University Press, 1994, 199-214.
- 24. On generic normal subgroups (A. Borovik and Simon R. Thomas), Automorphisms of First-Order structures (ed. by R.W. Kaye and H.D. Mac Pherson), Oxford University Press, 1994, 319-324.
- Unbounded families and the cofinality of the infinite symmetric group (J. Sharp and S. Thomas), Arch. Math. Logic, 34 (1995), 33-45.
- 26. Some questions concerning the cofinality of  $Sym(\kappa)$  (J. Sharp and S. Thomas), J.S.L. **60** (1995), 892-897.
- 27. An independence result in group cohomology (Simon Thomas), Bull London Math. Society. **28** (1996), 264-268.
- 28. Reducts of random hypergraphs (Simon R. Thomas), Annals Pure Appl. Logic 80 (1996), 165-193.
- 29. The cofinalities of the infinite dimensional classical groups (Simon Thomas), J. Algebra **179** (1996), 704-719.
- 30. Infinite products of finite simple groups (J. Saxl, S. Shelah and S. Thomas), Trans. Amer. Math. Soc. **348** (1996), 4611-4641.
- Designs and partial geometries over finite fields (Simon R. Thomas), Geom. Dedicata, 63 (1996), 247-253.
- 32. The cofinality spectrum of the infinite symmetric group (S. Shelah and S. Thomas), J.S.L. **62** (1997), 902-916.
- 33. The consistency of Holt's conjectures on cohomological dimension of locally finite groups (P. Kropholler and S. Thomas), J. London Math. Soc. (2) **55** (1997), 76-86.
- 34. Cofinalities of infinite permutation groups (Simon Thomas), in Advances in Algebra and Model Theory (ed. by M. Droste and R. Goebel), Algebra, Logic and Applications, Vol. 9, Gordon and Breach Science Publ. (1997), 101-120.
- 35. The automorphism tower problem II (Simon Thomas), Israel J. Math. **103** (1998), 93-109.
- The nonexistence of a binary homogeneous pseudoplane (S. Thomas), Math. Logic Quart. 44 (1998), 135-137.
- Groups acting on infinite dimensional symplectic spaces (Simon Thomas), Arch. Math. 71 (1998), 333-336.
- Groupwise density and the cofinality of the infinite symmetric group (Simon Thomas), Arch. Math. Logic. 37 (1998), 483-493.
- 39. On the complexity of the isomorphism relation for finitely generated groups (S. Thomas and B. Velickovic), J. Algebra **217** (1999), 352-373.
- 40. Infinite products of finite simple groups II (S. Thomas), Journal of Group Theory 2 (1999), 401-434.
- 41. Infinite analogues of *NP*-complete problems (S. Thomas), Graph Theory Notes of New York XXXVII (1999), 28-31.
- 42. The automorphism tower problem revisited (W. Just, S. Shelah and S. Thomas), Advances in Mathematics **148** (1999), 243-265.

- 43. Changing the heights of automorphism towers (J. Hamkins and S. Thomas), Annals Pure Appl. Logic **102** (2000), 139-157.
- 44. Asymptotic cones of finitely generated groups (S. Thomas and B. Velickovic), Bull. Lond. Math. Soc. **32** (2000), 203-208.
- 45. On the complexity of the isomorphism relation for fields of finite transcendence degree (S. Thomas and B. Velickovic), J. Pure Applied Algebra **159** (2001), 347-363.
- 46. On the complexity of the classification problem for torsion-free abelian groups of finite rank (S. Thomas), Bull. Symbolic Logic **7** (2001), 329-344.
- 47. Two cardinal properties of homogeneous graphs (G. Cherlin and S. Thomas), J.S.L. **67** (2002), 217-220.
- 48. Classifying spaces for proper actions of locally-finite groups (W. Dicks, P. Kropholler, I. Leary and S. Thomas), Journal Of Group Theory **5** (2002), 453-480.
- 49. On the complexity of the classification problem for torsion-free abelian groups of rank two (S. Thomas), Acta Math. **189** (2002), 287-305.
- 50. Some applications of superrigidity to Borel equivalence relations (Simon Thomas), in Set Theory: The Hajnal Conference (ed. by Simon Thomas), DIMACS Series vol. 58, American Mathematical Society (2002), 129-134.
- 51. Superrigidity and countable Borel equivalence relations (S. Thomas), Annals Pure Appl. Logic. **120** (2003), 237-262.
- 52. The classification problem for torsion-free abelian groups of finite rank (S. Thomas), J. Amer. Math. Soc. 16 (2003), 233-258.
- 53. The virtual isomorphism problem for finitely generated groups (S. Thomas), Bull. Lond. Math. Soc. **35** (2003), 777-784.
- 54. Asymptotic cones of finitely presented groups (L. Kramer, S. Shelah, K. Tent and S. Thomas), Advances in Mathematics **193** (2005), 142-173.
- 55. Comeagre conjugacy classes and free products with amalgamation (D. Macpherson and S. Thomas), Discrete Mathematics **291** (2005), 135-142.
- Cayley graphs of finitely generated groups (S. Thomas), Proc. Amer. Math. Soc. 134 (2006), 289-294.
- 57. Borel superrigidity and the classification problem for the torsion-free Abelian groups of finite rank (Simon Thomas), in Proceedings of the International Congress of Mathematicians - Madrid, August 22-30, 2006 (ed. by Marta Sanz-SolT, Javier Soria, Juan L. Varona, Joan Verdera), Vol. 2, European Mathematical Society (2006), pp. 93-116.
- 58. The classification problem for *p*-local torsion-free abelian groups of rank two (G. Hjorth and S. Thomas), J. Math. Logic. **6** (2006), 233-251.
- 59. Property ( $\tau$ ) and countable Borel equivalence relations (S. Thomas), J. Math. Logic. 7 (2007), 1-34.
- 60. On the complexity of the quasi-isometry and virtual isomorphism problems for finitely generated groups (Simon Thomas), Groups Geom. Dyn. 2 (2008), 281-307.
- The classification problem for finite rank Butler groups (Simon Thomas), in Models, Modules and Abelian Groups (ed. by R. Göbel and B. Goldsmith), de Gruyter, Berlin (2008), pp. 329-338.
- Ultraproducts of finite alternating groups (P. Ellis, S. Hachtman S. Schneider and S. Thomas), RIMS Kokyuroku, No. 1619 (2008), 1–7.

- 63. Popa superrigidity and countable Borel equivalence relations (Simon Thomas), Annals Pure Appl. Logic **158** (2009), 175-189.
- 64. A remark on the Higman-Neumann-Neumann Embedding Theorem (Simon Thomas), J. Group Theory **12** (2009), 561-565.
- 65. On the concept of "largeness" in group theory (Simon Thomas), J. Algebra **322** (2009), 4181–4197.
- Martin's Conjecture and Strong Ergodicity (S. Thomas), Arch. Math. Logic 48 (2009), 749–759.
- 67. Continuous versus Borel Reductions (S. Thomas), Arch. Math. Logic **48** (2009), 761–770.
- 68. The commensurability relation for finitely generated groups (Simon Thomas), J. Group Theory **12** (2009), 901–909.
- On the Number of Universal Sofic Groups (S. Thomas), Proc. Amer. Math. Soc. 138 (2010), 2585–2590.
- 70. The classification problem for S-local torsion-free abelian groups of finite rank (S. Thomas), Advances in Mathematics **226** (2011), 3699–3723.
- 71. The Friedman Embedding Theorem (S. Thomas), J. Algebra **332** (2011), 322–333.
- 72. A descriptive view of combinatorial group theory (S. Thomas), Bull. Symbolic Logic 17 (2011), 252–264.
- 73. Automorphism groups of ultraproducts of finite symmetric groups (P. Lucke and S. Thomas), Communications in Algebra **39** (2011), 3625–3630.
- Universal Borel actions of countable groups (S. Thomas), Groups Geom. Dyn. 6 (2012), 389–407.
- 75. On the Steinhaus and Bergman properties for infinite products of finite groups (S. Thomas and J. Zapletal), Confluentes Mathematici 4 (2012) 1250002 (26 pages).
- 76. Countable Borel equivalence relations (S. Schneider and S. Thomas), in Appalachian Set Theory 2006-2012, (ed. by J. Cummings and E. Schimmerling), Cambridge University Press (2013), pp. 25–62.
- 77. Topological full groups of minimal subshifts and just-infinite groups (S. Thomas), in Proceedings of the 12th Asian Logic Conference, (ed. by R. Downey, J. Brendle, R. Goldblatt and B. Kim), World Scientific, Singapore (2013), pp. 298-313.
- The bi-embeddability relation for finitely generated groups (S. Thomas and J. Williams),
   J. London Math. Soc. 88 (2013), 483–500.
- Invariant random subgroups of strictly diagonal limits of finite symmetric groups (S. Thomas and R. Tucker-Drob), Bull. Lond. Math. Soc. 46 (2014), 1007–1020.
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