

RESUME

Personal

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Education

University of Illinois, Department of Mathematics, PhD, 1985.
University of Illinois, Department of Mathematics, MSc, 1981.
University of Athens, Department of Mathematics, BSc, 1979.

Professional positions

2001 - now: Professor, University of Thessaloniki
1995 - 2001: Associate Professor, University of Thessaloniki
1990 - 1994: Assistant Professor, University of Thessaloniki
1989 - 1990: Assistant Professor, New Mexico State University, Las Cruces, New Mexico.
1987 - 1989: Visiting Lecturer, Rutgers University, New Brunswick, New Jersey.
1985 - 1987: Visiting Assistant Professor, Texas A&M University, College Station, Texas.
Spring 1985: Lecturer, Indiana Univ. - Purdue Univ. at Indianapolis, Indianapolis, Indiana.
1979 - 1984: Teaching Assistant/Research Assistant, University of Illinois.

Sabbatical 1997 - 98

Fall 1997: Visiting Associate Professor, University of North Carolina.
Spring/Summer 1998: Visiting Associate Professor, Purdue University.

Teaching

Undergraduate: Calculus, Linear Algebra, Linear Programming, Discrete Mathematics, Complex Analysis, Real Analysis, Differential Equations, Measure Theory, Partial Differential Equations, Topology, Functional Analysis, Operator Theory, Analysis Fourier, Continued Fractions, Complex Iteration and Fractals.

Graduate: Complex Analysis, Functional Analysis, Banach Spaces of Analytic Functions.

Research interests.

Classical Real and Complex Analysis, Harmonic Analysis, Spaces of Analytic Functions, Operator Theory, Operator Semigroups, Dynamical Systems.

Meetings, Conferences and Talks (last 15 years)

- NATO Advanced Study Institute and Aegean Conference on Operator Algebras and applications, Samos, August 1996.
- Department of Mathematics, University of Joensuu, Finland, June 1997.
- Department of Mathematics, East Carolina University, Greenville, North Carolina, December 1997.
- Department of Mathematics, Mississippi State University, Mississippi, April 1998.
- Department of Mathematics, University of Illinois, Urbana, Illinois, April 1998.
- Third Conference on Function Spaces, Edwardsville, Illinois, May 1998.
- Department of Mathematics, University of Aegean, Samos, November 1999.
- International Functional Analysis Conference, Valencia, Spain, July 2000,
- Department of Mathematics, Universidad de Sevilla, Spain, February 2002,
- Department of Mathematics, Universidad de Cadiz, Spain, February 2002,
- 19th International Conference on Operator Theory, Timisoara, Romania, June 2002.
- Escuela Superior de Ingenieros, Universidad de Sevilla, Sevilla, Spain April 2003.
- Joint RSME - AMS Meeting, Sevilla, Spain, June 2003.
- First Advanced Course in Operator Theory and Complex Analysis, Sevilla, Spain, June 2004.
- Recent Advances in Operator-Related Function Theory, Trinity College, Dublin, Ireland, August 2004.
- Recent Advances in Operator-Related Function Theory II, El Escorial (Madrid), Spain, October 2005.

- Extremal Problems in Complex and Real Analysis, Moscow, Russia, May 2007.
- Workshop on Holomorphic Iteration, Semigroups, and Loewner Chains, Rome, 9-12 September 2008.
- University of Malaga, Malaga, Spain, June 2009.
- Modern Complex Analysis and Operator Theory and Applications, IV El Escorial (Madrid), Spain, June 17-21, 2009.
- Complex and Harmonic Analysis, Archanes, September 2009.
- Complex and Harmonic Analysis, Malaga, Spain, July 2011.
- Universidad Autonoma de Madrid, May 2012.
- University of the Aegean, Samos, Greece, July 2012.

PhD theses supervised

V. Daskalogiannis, work in progress.

D. Demertzoglou, work in progress.

A. Arvanitidis, June 2011, Thesis: *Composition operators and semigroups on spaces of analytic functions on the half-plane.*

G. Stylogiannis, November 2010, Thesis: *Weighted composition operators and semigroups on spaces of analytic functions.*

E. Diamantopoulos, December 2003, Thesis: *The Hilbert matrix on spaces of analytic functions.*

P. Galanopoulos, January 2002, Thesis: *Semigroups of Composition operators and Hausdorff matrices on spaces of analytic functions.*

Master theses supervised

K. Tsalikidis, December 2013, *The Cesaro Operator is subnormal.*

D. Papathanasiou, April 2013, *Hypercyclic vectors of bounded operators.*

Ch. Tryfonos, June 2010, *Analytic functions of positive real part.*

A. Tsomidis, June 2007, *Iteration of polynomial functions and Julia sets.*

G. Stylogiannis, June 2004, *On hypercyclic operators.*

A. Arvanitidis, October 2004, *Topological structure of composition operators on spaces of analytic functions.*

Conferences Organized

- International two day meeting in Complex Harmonic and Functional Analysis, Thessaloniki, December 12 - 13 2003.
- Complex and Harmonic Analysis, An International Conference, Thessaloniki, May 25 - 27 2006
- Workshop in Complex Analysis and Operator Theory, Thessaloniki, July 11 - 16 2010

Professional Service

- Journal refereeing:
Studia Mathematica, Proceedings of the Royal Society of Edinburgh, Canadian Journal of Mathematics, Tamkang Journal of Mathematics, Illinois Journal of Mathematics, Journal of London Mathematical Society, Acta Scientiarum Mathematicarum (Szeged), Proceedings of American Mathematical Society, Transactions of American Mathematical Society, Archiv der Mathematik, Results in Mathematics, Journal of Functional Analysis, Michigan Mathematical Journal, Mathematische Nachrichten, Studia Sci. Math. Hungarica, Journal of Mathematical Analysis and Applications, Bulletin of the Greek Mathematical Society, Constructive Approximation, Revista Matemática Iberoamericana, Complex Analysis and Operator Theory, Complex Variables and Elliptic Equations, Rocky Mountain Journal of Mathematics, Journal of Australian Mathematical Society.
- Member of: American Mathematical Society, Mathematical Association of America, Austrian Mathematical Society.

Departmental Service

- Director, Division of Mathematical Analysis, Dept. of Mathematics, Univ. of Thessaloniki, 2001-2007.
- Graduate Program Director, Dept. of Mathematics, Univ. of Thessaloniki, 2002-2004.
- Vice Chairman, Dept. of Mathematics, University of Thessaloniki, 2011 - 2013.
- Served or serving in: Undergraduate Program committee. Graduate Program committee. Library committee. Analysis Seminar committee. Several hiring committees.

Publications

1. L. A. Rubel and A. G. Siskakis, *A net of exponentials converging to a nonmeasurable function*, Amer. Math. Monthly 90 (1983), 394–396.

2. *Semigroups of Composition Operators and the Cesàro Operator on $H^p(\mathbf{D})$* , PhD Thesis, University of Illinois at Urbana-Champaign, 1985.
3. A. G. Siskakis, *Weighted composition semigroups on Hardy spaces*, Linear Algebra Appl. 84 (1986), 359–371.
4. A. G. Siskakis, *Composition semigroups and the Cesàro operator on H^p* , J. London Math. Soc. (2) 36 (1987), 153–164.
5. A. G. Siskakis, *On a class of composition semigroups in Hardy spaces*, J. Math. Anal. Appl. 127 (1987), 122–129.
6. A. G. Siskakis, *Semigroups of composition operators on Bergman spaces*, Bull. Austral. Math. Soc. 35 (1987), 397–406.
7. A. G. Siskakis, *The Cesàro operator in bounded on H^1* , Proc. Amer. Math. Soc. 110 (1990), 461–462.
8. N. Danikas and A. G. Siskakis, *The Cesàro operator on bounded analytic functions*, Analysis 13 (1993), 295–299.
9. A. G. Siskakis, *The Koebe semigroup and a class of averaging operators on $H^p(\mathbf{D})$* , Trans. Amer. Math. Soc. 339 (1993), 337–350.
10. N. Danikas, S. Ruscheweyh and A. G. Siskakis, *Metrical and topological properties of a generalized Libera transform*, Arch. Math. 63 (1994), 517–524.
11. A. Aleman and A. G. Siskakis, *An integral operator on H^p* , Complex Variables 28 (1995), 149–158.
12. A. G. Siskakis, *Semigroups of composition operators on Dirichlet spaces*, Results in Math. 30 (1996), 165–173.
13. A. G. Siskakis, *On the Bergman space norm of the Cesàro operator*, Arch. Math. 67 (1996), 312–318.
14. A. Aleman and A. G. Siskakis, *Integration operators on Bergman spaces*, Indiana Univ. Math. J. 46 (1997), 337–356.
15. A. G. Siskakis, *Semigroups of composition operators on spaces of analytic functions, a review*, Contemporary Math. (Amer. Math. Soc.) 213 (1998), 229–252.
16. J. A. Cima and A. G. Siskakis, *Cauchy transforms and Cesàro averaging operators*, Acta Sci. Math. (Szeged) 65 (1999), 505–513.
17. A. G. Siskakis and R. Zhao, *A Volterra type operator on spaces of analytic functions*, Contemporary Math. (Amer. Math. Soc.) 232 (1999), 299–311.
18. A. G. Siskakis, *Weighted integrals of analytic functions*, Acta Sci. Math. (Szeged). 66 (2000), 651–664.
19. E. Diamantopoulos and A. G. Siskakis, *Composition operators and the Hilbert matrix*, Studia Math. 140(2) (2000), 191–198.

20. P. Galanopoulos and A. G. Siskakis, *Hausdorff matrices and composition operators*, Illinois J. Math. 45 (2001), 757–773.
21. A. G. Siskakis, *Volterra Operators on Spaces of Analytic Functions, a survey*, Proceedings of the First Advanced Course in Operator Theory and Complex Analysis, University of Seville, 2004 pp 51–68.
22. O. Blasco, M. D. Contreras, S. Díaz-Madrigal, J. Martínez and A. G. Siskakis, *Semigroups of composition operators in BMOA and the extension of a theorem of Sarason*, Integral Equations Operator Theory 61 (2008), 45–62.
23. S. Ruscheweyh and A. G. Siskakis, *Corrigendum to: “Metrical and topological properties of a generalized Libera transform”* [Arch. Math. (Basel) 63 (1994), 517–524, Arch. Math. (Basel) 91 (2008), 254–255.
24. N. J. Gal, J. E. Jamison and A. G. Siskakis, *Isometric Equivalence of Integration Operators*, Complex Anal. Oper. Theory 4 (2010), 245–255
25. A. Arvanitidis and A. G. Siskakis, *Cesaro operators on the Hardy spaces of the half-plane* Canad. Math. Bull. 56 (2013), 229 – 240.
26. O. Blasco, M. D. Conteras, S. Diaz-Madrigal, J. Martinez, M. Papadimitrakis and A. G. Siskakis, *Semigroups of composition operators and integral operators in spaces of analytic functions*, Ann. Acad. Sci. Fenn. Math. 38 (2013) 67 – 90.
26. P. Gananopoulos, D. Girela, J. A. Pelaez and A. G. Siskakis, *Generalized Hilbert Operators*, Ann. Acad. Sci. Fenn. Math. 39 (2014), 231 – 258.
27. P. Galanopoulos, A. G. Siskakis and G. Stylogiannis, *Mean Lipschitz conditions on Bergman space*, J. Math. Anal. Appl. 424 (2015), 221 – 236.
28. O. F. Brevig, K-M. Perfekt, K. Seip, A. G. Siskakis, D. Vukotic, *The multiplicative Hilbert matrix*, Adv. Math. 302 (2016), 410 – 432.

Citations:

~ 580 citations in MathSciNet,

~ 1200 citations in GoogleScholar.