CURRICULUM VITAE
CHRISTOS A. ATHANASIADIS

Address: Department of Mathematics, University of Athens, Panepistimioupolis, 15784 Athens
Hellas (Greece) • Email: caath@math.uoa.gr • http://www.math.uoa.gr/∼caath

PERSONAL INFORMATION

Birthdate: 24/02/1972
Birthplace: Larisa, Thessaly (Greece)
Marrital Status: Married, one child
Citizenship: Greek.

EDUCATION

B.S. in Mathematics, MIT, 1992.	CAMBRIDGE, MA
Ph.D in Mathematics, MIT, 1996.	CAMBRIDGE, MA

ACADEMIC POSITIONS

MASSACHUSETTS INSTITUTE OF TECHNOLOGY   CAMBRIDGE, MA
Norman Levinson Graduate Fellow, 1992–93.
Teaching Assistant–Research Assistant, 1993–96.

MATHEMATICAL SCIENCES RESEARCH INSTITUTE   BERKELEY, CA
Postdoctoral Fellow, 1996–97.

UNIVERSITY OF PENNSYLVANIA   PHILADELPHIA, PA
Hans Rademacher Instructor in Mathematics, 1997–99.

ROYAL INSTITUTE OF TECHNOLOGY   STOCKHOLM
Visiting Researcher, 1999–2000.

UNIVERSITY OF CRETE   HERAKLION
Assistant Professor of Mathematics, 2002–06.

NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS   ATHENS
Associate Professor of Mathematics, 2006–2010.
Professor of Mathematics, 2010–present.

Visiting Positions

TECHNICAL UNIVERSITY OF BERLIN   BERLIN
European Research Fellow, May–August 1996.

INSTITUTE MITTAG-LEFFLER   STOCKHOLM
Visitor, January–February and May–June 2005.

UNIVERSITY OF CALIFORNIA AT DAVIS   DAVIS, CA
Visiting Professor, September–December 2019.

INSTITUTE MITTAG-LEFFLER   STOCKHOLM
Visitor, February–March 2020.

RESEARCH AREA

Algebraic and Geometric Combinatorics.

PROFESSIONAL EXPERIENCE

- Editorialships:
  - Co-Editor, *Algebraic and Geometric Combinatorics*, Proceedings of a Euroconference in Mathematics, August 2005, Anogia, Crete, Greece, Contemporary Mathematics **423**, American Mathematical Society, Providence, RI, 2007.
  - Co-Editor in Chief, *Journal of Algebraic Combinatorics*, 2013–2017.
  - Editorial Board Member, *Algebraic Combinatorics*, 2018–2022.

- Member of the Program Committee for the international conferences:
  - *Formal Power Series and Algebraic Combinatorics*, Taormina, Sicily, June 2005.
  - *Workshop on Geometric and Topological Combinatorics* (Satelite Conference of the ICM-2006), Alcala, Spain, September 2006.
  - *Formal Power Series and Algebraic Combinatorics*, Chicago, USA, June 2014.
  - *GASCom on Random Generation of Combinatorial Structures*, Athens, Greece, June 2018.
  - *Formal Power Series and Algebraic Combinatorics* (one of four co-chairs), Bar-Ilan, Israel, July 2020.

- Opponent for the Doctoral Dissertation:
  - *Connectivity and Embeddability of Buildings and Manifolds*, by Kathrin Vorwerk, KTH, 2014.

- External Evaluator for:
  - *Assistant Professorship in Combinatorics and Probability*, KTH, Spring 2019.
  - *Promotion of Dr. Axel Hultman to Professor*, Linköping University, April 2019.

- Principal Investigator for research programs funded:
  - by HFRI (04.2022–03.2024, 90645 euro).
  - under the research program 'Heracleitus II' (support of the Ph.D thesis research work of Christina Savvidou, 01.2011–06.2013, 37500 euro).

- Referee for the following international journals: Advances in Mathematics, Advances in Applied Mathematics, Algebraic Combinatorics, Annales de la Faculté des Science de Toulouse, Annals of Combinatorics, Ars Combinatoria, Bulletin of the Australian Mathematical Society, Bulletin of the Hellenic Mathematical Society, Combinatorial Theory, Combinatorica, Canadian Mathematical Bulletin, Compositio Mathematica, Contributions to Discrete Mathematics, Discrete Applied Mathematics, Discrete & Computational Geometry, Discrete Mathematics, Electronic J. Combinatorics, European J. Combinatorics, International Mathematics Research Notices, Israel J. Mathematics, J. Algebraic Combinatorics, J. Combinatorial Theory Series A, J. Combinatorics, J. European Mathematical Society, J. London Mathematical Society, Mathematika, Proceedings of the American Mathematical Society, Seminaire Lotharingien de Combinatoire, SIAM J. Discrete Mathematics, Symmetry Integrability and Geometry: Methods and Applications, Tohoku Mathematical Journal, Transactions of the American Mathematical Society.

INVITED TALKS (one hour)

Conferences

- *Workshop on Arrangements of Hyperplanes*, Japanese Mathematical Society, Tokyo, July 1998.
- *Geometric Combinatorics* (Satelite Conference of ICM-98), Serbian Academy of Arts and Sciences, Kotor, Yugoslavia, August 1998.
- *Combinatorial Aspects of Hyperplane Arrangements*, MSRI, November 2004.
- *Inside the Cube: Algebra, Combinatorics and Geometry*, Otto-von-Guericke Universität, Magdeburg, July 2005.
- *Geometric and Topological Combinatorics*, Institute for Advanced Study, Hebrew University of Jerusalem, June 2007.
- *B-stable Ideals and Nilpotent Orbits*, Istituto Nazionale di Alta Matematica, University of Rome La Sapienza, October 2007.
- *Arrangements of Hyperplanes*, 2nd Seasonal Institute of the Japanese Mathematical Society, Hokkaido University, Sapporo, August 2009.
- *Lattice Point Enumeration*, Tulane University, New Orleans, March 2010.
- *Symposium on Discrete Mathematics*, German Mathematical Society, Erwin Schrödinger Institute, Vienna, May 2010 (one of 5 invited talks).
- *Hyperplane Arrangements and Applications*, Pacific Institute for the Mathematical Sciences, University of British Columbia, Vancouver, August 2011.
- *Workshop on Convex Polytopes*, Research Institute for Mathematical Sciences, Kyoto University, Kyoto, July 2012.
- *Recent Trends in Algebraic and Geometric Combinatorics*, ICMAT, Madrid, November 2013.
- *Meeting on Combinatorial Commutative Algebra*, Levico, Italy, September 2014.
- *Formal Power Series and Algebraic Combinatorics*, KAIST, Daejeon, South Korea, July 2015 (one of 9 invited talks).
- *The Japanese Conference on Combinatorics and its Applications*, Kyoto University, Kyoto, May 2016 (one of 9 invited talks).
- *The 77th Séminaire Lotharingien de Combinatoire*, Strobl, Austria, September 2016 (one of 2 invited series of three lectures).
- *Graduate Student Meeting on Applied Algebra and Combinatorics*, Osnabrück, Germany, March 2018 (one of 2 keynote invited lectures).
- *Unimodality, Log-concavity and beyond*, Institute Mittag-Leffler, Sweden, March 2020.
- *Polytopics: Recent Advances on Polytopes*, Max-Planck Institute, Leipzig, Germany, April 2021.

Mathematics Colloquia

- George Washington University, March 1998.
- Brown University, October 1998.
- ETH (applied math), Zurich, May 1999.

- Trinity College, Dublin, February 2007.
- University of Vienna, December 2007.
- TU Berlin, June 2008.
- Philipps Universität, Marburg, April 2009.
- University of Crete, May 2014.

Seminars (selected)

- Northeastern University, Combinatorics Seminar, February 1995.
- MIT, Combinatorics Seminar, March 1996.
- UC San Diego, Combinatorics Seminar, April 1996.
- California Institute of Technology, Combinatorics Seminar, April 1996.
- TU Berlin, Discrete Geometry Seminar, May 1996.
- UC Berkeley, Discrete Mathematics Seminar, October 1996.
- University of Minnesota, Combinatorics Seminar, May 1997.
- Temple University, Combinatorics Seminar, Philadelphia, November 1997.
- Princeton, Combinatorics and Representation Theory Seminar, November 1997.
- MIT, Combinatorics Seminar, November 1997.
- Cornell, Combinatorics and Algebraic Geometry Seminar, March 1999.
- UPenn, Combinatorics Seminar, April 1999.
- Stockholm University, Combinatorics Seminar, April 1999.
- University of Cantabria, Mathematics Seminar, Santander, December 1999.
- KTH, Combinatorics Seminar, Stockholm, March 2000.
- Institute Mittag-Leffler, Mittag-Leffler Seminar, Stockholm, February 2005.
- University of Minnesota, Combinatorics Seminar, April 2007.
- University of Vienna, Discrete Mathematics Seminar, December 2007.
- KTH, Combinatorics Seminar, Stockholm, April 2009.
- University of Cyprus, Mathematics Seminar, February 2010.
- National Technical University of Athens, Mathematics Seminar, March 2012.
- KTH, Combinatorics Seminar, Stockholm, February 2014 and August 2018.
- University of Cyprus, Mathematics Seminar, September 2018.
- UC Davis, Algebra and Discrete Mathematics Seminar, September 2019.
- UC Berkeley, Combinatorics Seminar, November 2019.
- University of Waterloo, Algebraic Combinatorics Seminar, November 2020.
- Bar-Ilan University, Combinatorics Seminar, November 2021.
- KTH, Combinatorics Seminar, Stockholm, November 2022.

PUBLICATIONS

1. C.A. Athanasiadis, *Spectra of some interesting combinatorial matrices related to oriented spanning trees on a directed graph*, Journal of Algebraic Combinatorics **5** (1996), no. 1, 5–11.

2. R.M. Adin and C.A. Athanasiadis, *On Hanlon's eigenvalue conjecture*, Journal of Combinatorial Theory Series A **73** (1996), no. 2, 360–367.

3. C.A. Athanasiadis, *Iterating the branching operation on a directed graph*, Journal of Graph Theory **24** (1997), no. 3, 257–265.

4. C.A. Athanasiadis, *Characteristic polynomials of subspace arrangements and finite fields*, Advances in Mathematics **122** (1996), no. 2, 193–233.

5. C.A. Athanasiadis, *On free deformations of the braid arrangement*, European Journal of Combinatorics **19** (1998), no. 1, 7–18.

6. C.A. Athanasiadis, *A class of labeled posets and the Shi arrangement of hyperplanes*, Journal of Combinatorial Theory Series A **80** (1997), no. 1, 158–162.

7. C.A. Athanasiadis, *Piles of cubes, monotone path polytopes and hyperplane arrangements*, Discrete and Computational Geometry **21** (1999), no. 1, 117–130.

8. C.A. Athanasiadis and S. Linusson, *A simple bijection for the regions of the Shi arrangement of hyperplanes*, in *Gould Anniversary Volume* (I. Gessel et al. eds), Discrete Mathematics **204** (1999), no. 1–3, 27–39.

9. C.A. Athanasiadis, *Extended Linial hyperplane arrangements for root systems and a conjecture of Postnikov and Stanley*, Journal of Algebraic Combinatorics **10** (1999), no. 3, 207–225.

10. C.A. Athanasiadis, *On noncrossing and nonnesting partitions for classical reflection groups*, Electronic Journal of Combinatorics **5** (1998), no. 1, Research Paper 42, 16pp (electronic).

11. C.A. Athanasiadis, *The largest intersection lattice of a discriminantal arrangement*, Contributions to Algebra and Geometry **40** (1999), no. 2, 283–289.

12. C.A. Athanasiadis, J.A. De Loera, V. Reiner and F. Santos, *Fiber polytopes for the projections between cyclic polytopes*, in *Combinatorics of Polytopes* (K. Fukuda and G.M. Ziegler, eds.), European Journal of Combinatorics **21** (2000), no. 1, 19–47.

13. C.A. Athanasiadis, J. Rambau and F. Santos, *The generalized Baues problem for cyclic polytopes II*, in *Geometric Combinatorics* (S. Vrećica and R. Zivaljević, eds.), Publ. De l'Institut Mathematique (Belgrade) (N.S.) **66(80)** (1999), 3–15.

14. C.A. Athanasiadis, *Deformations of Coxeter hyperplane arrangements and their characteristic polynomials*, in *Arrangements – Tokyo 1998* (M. Falk and H. Terao, eds.), Advanced Studies in Pure Mathematics **27**, Kinokuniya, Tokyo, 2000, pp. 1–26.

15. C.A. Athanasiadis, P.H. Edelman and V. Reiner, *Monotone paths on polytopes*, Mathematische Zeitschrift **235** (2000), no. 2, 315–334.

16. C.A. Athanasiadis, *Projections of polytopes on the plane and the generalized Baues problem*, Proceedings of the American Mathematical Society **129** (2001), no. 7, 2103–2109.

17. C.A. Athanasiadis, *Zonotopal subdivisions of cyclic zonotopes*, Geometriae Dedicata **86** (2001), no. 1–3, 37–57.

18. C.A. Athanasiadis and F. Santos, *On the topology of the Baues poset of polyhedral subdivisions*, Topology **41** (2002), no. 3, 423–433.

19. C.A. Athanasiadis and F. Santos, *Monotone paths on zonotopes and oriented matroids*, Canadian Journal of Mathematics **53** (2001), no. 6, 1121–1140.

20. C.A. Athanasiadis, *Decompositions and connectivity of matching and chessboard complexes*, Discrete and Computational Geometry **31** (2004), no. 3, 395–403.

21. C.A. Athanasiadis, *Generalized Catalan numbers, Weyl groups and arrangements of hyperplanes*, Bulletin of the London Mathematical Society **36** (2004), no. 3, 294–302.

22. C.A. Athanasiadis, *On a refinement of the generalized Catalan numbers for Weyl groups*, Transactions of the American Mathematical Society **357** (2005), no. 1, 179–196.

23. C.A. Athanasiadis and V. Reiner, *Noncrossing partitions for the group D_n*, SIAM Journal on Discrete Mathematics **18** (2004), no. 2, 397–417.

24. C.A. Athanasiadis, *Ehrhart polynomials, simplicial polytopes, magic squares and a conjecture of Stanley*, Journal für die reine und angewandte Mathematik **583** (2005), 163–174.

25. C.A. Athanasiadis, *h^*-Vectors, Eulerian polynomials and stable polytopes of graphs*, in *Stanley Festschrift* (B.E. Sagan, ed.), Electronic Journal of Combinatorics **11** (2004), no. 2, Research Paper 6, 13pp (electronic).

26. C.A. Athanasiadis, T. Brady and C. Watt, *Shellability of noncrossing partition lattices*, Proceedings of the American Mathematical Society **135** (2007), no. 4, 939–949.

27. C.A. Athanasiadis and E. Tzanaki, *On the enumeration of positive cells in generalized cluster complexes and Catalan hyperplane arrangements*, Journal of Algebraic Combinatorics **23** (2006), no. 4, 355–375.

28. C.A. Athanasiadis, *On some enumerative aspects of generalized associahedra*, European Journal of Combinatorics **28** (2007), no. 4, 1208–1215.

29. C.A. Athanasiadis, T. Brady, J. McCammond and C. Watt, *h-Vectors of generalized associahedra and noncrossing partitions*, International Mathematics Research Notices **vol. 2006**, Article 69705, 28pp.

30. C.A. Athanasiadis and E. Tzanaki, *Shellability and higher Cohen-Macaulay connectivity of generalized cluster complexes*, Israel Journal of Mathematics **167** (2008), no. 1, 177–191.

31. C.A. Athanasiadis, *A combinatorial reciprocity theorem for hyperplane arrangements*, Canadian Mathematical Bulletin **53** (2010), no. 1, 3–10.

32. C.A. Athanasiadis and M. Kallipoliti, *The absolute order on the symmetric group, constructible partially ordered sets and Cohen-Macaulay complexes*, Journal of Combinatorial Theory Series A **115** (2008), no. 7, 1286–1295.

33. C.A. Athanasiadis, *On the graph connectivity of skeleta of convex polytopes*, in *Victor Klee Festschrift* (P. Gritzmann, B. Sturmfels and G.M. Ziegler, eds.), Discrete and Computational Geometry **42** (2009), no. 2, 155–165.

34. C.A. Athanasiadis, *Some combinatorial properties of flag simplicial pseudomanifolds and spheres*, Arkiv för matematik **49** (2011), no. 1, 17–29.

35. C.A. Athanasiadis and P. Diaconis, *Functions of random walks on hyperplane arrangements*, Advances in Applied Mathematics **45** (2010), no. 3, 410–437.

36. C.A. Athanasiadis and V. Welker, *Buchsbaum* complexes*, Mathematische Zeitschrift **272** (2012), no. 1, 131–149.

37. C.A. Athanasiadis, *On the flag f-vector of a graded lattice with nontrivial homology*, Order **30** (2013), no. 1, 249–254.

38. C.A. Athanasiadis, *Cubical subdivisions and local h-vectors*, Annals of Combinatorics **16** (2012), no. 3, 421–448.

39. C.A. Athanasiadis, *On the Möbius function of a lower Eulerian Cohen-Macaulay poset*, Journal of Algebraic Combinatorics **35** (2012), no. 3, 373–388.

40. C.A. Athanasiadis and C. Savvidou, *The local h-vector of the cluster subdivision of a simplex*, Séminaire Lotharingien de Combinatoire **66** (2012), Article B66c, 21pp (electronic).

41. C.A. Athanasiadis, *Flag subdivisions and γ-vectors*, Pacific Journal of Mathematics **259** (2012), no. 2, 257–278.

42. C.A. Athanasiadis and Y. Roichman, *The absolute order of a permutation representation of a Coxeter group*, Journal of Algebraic Combinatorics **39** (2014), no. 1, 75–98.

43. C.A. Athanasiadis, *Edgewise subdivisions, local h-polynomials and excedances in the wreath product $\mathbb{Z}_r \wr \mathfrak{S}_n$*, SIAM Journal on Discrete Mathematics **28** (2014), no. 3, 1479–1492.

44. C.A. Athanasiadis, *A survey of subdivisions and local h-vectors*, in *The Mathematical Legacy of Richard P. Stanley* (P. Hersh, T. Lam, P. Pylyavskyy, V. Reiner, eds.), Amer. Math. Society, Providence, RI, 2016, pp. 39–51.

45. C.A. Athanasiadis, *Power sum expansion of chromatic quasisymmetric functions*, Electronic Journal of Combinatorics **22** (2015), no. 2, Research Paper 2.7, 9pp (electronic).

46. R.M. Adin, C.A. Athanasiadis, S. Elizalde and Y. Roichman, *Character formulas and descents for the hyperoctahedral group*, Advances in Applied Mathematics **87** (2017), 128–169.

47. C.A. Athanasiadis and M. Kallipoliti, *Edgewise Cohen–Macaulay connectivity of partially ordered sets*, Mathematica Scandinavica **122** (2018), no. 1, 5–17.

48. C.A. Athanasiadis, *The symmetric group action on rank-selected posets of injective words*, Order **35** (2018), no. 1, 47–56.

49. C.A. Athanasiadis, *The local h-polynomial of the edgewise subdivision of the simplex*, Bulletin of the Hellenic Mathematical Society (New Series) **60** (2016), 11–19.

50. C.A. Athanasiadis, *Gamma-positivity in combinatorics and geometry*, Séminaire Lotharingien de Combinatoire **77** (2018), Article B77i, 64pp (electronic).

51. C.A. Athanasiadis, *Some applications of Rees products of posets to equivariant gamma-positivity*, Algebraic Combinatorics **3** (2020), no. 1, 281–300.

52. C.A. Athanasiadis, *Binomial Eulerian polynomials for colored permutation groups*, Journal of Combinatorial Theory Series A **173** (2020), Article 105214, 38pp.

53. C.A. Athanasiadis, J.A. De Loera and Z. Zhang, *Enumerative problems for arborescences and monotone paths on polytope graphs*, Journal of Graph Theory **99** (2022), no. 1, 58–81.

54. C.A. Athanasiadis, *Face numbers of uniform triangulations of simplicial complexes*, International Mathematics Research Notices **vol. 2022**, no. 20, 15756–15787.

55. C.A. Athanasiadis, J-M. Brunink and M. Juhnke-Kubitzke, *Combinatorics of antiprism triangulations*, Discrete and Computational Geometry **68** (2022), no. 1, 72–106.

56. C.A. Athanasiadis, *Face numbers of barycentric subdivisions of cubical complexes*, Israel Journal of Mathematics **246** (2021), no. 1, 423–439.

57. C.A. Athanasiadis and E. Tzanaki, *Symmetric decompositions, triangulations and real-rootedness*, Mathematika **67** (2021), no. 4, 840–859.

58. C.A. Athanasiadis and K. Kalampogia-Evangelinou, *Chain enumeration, partition lattices and polynomials with only real roots*, Combinatorial Theory **3** (2023), Article # 12, 21pp.

59. C.A. Athanasiadis, *Triangulations of simplicial complexes and theta polynomials*, preprint, 2022.

60. C.A. Athanasiadis, *On the real-rootedness of the Eulerian transformation*, preprint, 2023.

61. C.A. Athanasiadis and K. Kalampogia-Evangelinou, *Two classes of posets with real-rooted chain polynomials*, preprint, 2023.

62. C.A. Athanasiadis, *Local h-polynomials, uniform triangulations and real-rootedness*, preprint, 2024.

Thesis

- C.A. Athanasiadis, *Algebraic combinatorics of graph spectra, subspace arrangements and Tutte polynomials*, Ph.D thesis, MIT, 1996, 145 pages. (Thesis Adviser: Prof. R.P. Stanley.)

Books

- C.A. Athanasiadis, Discrete Mathematics (in greek), Efaltirio Press, 2023, 340pp.

SHORT ACADEMIC VISITS (3-5 days)

- University of Minnesota, May 1997.
- KTH, April 1999.
- University of Cantabria, December 1999 and July 2002.
- University of Minnesota, February 2003.
- MSRI, November 2003.
- American Institute of Mathematics (AIM), January 2005.
- Philipps Universität, Marburg, June 2005.
- University of Minnesota, April 2007.
- TU Berlin, June 2008.
- Philipps Universität, Marburg, April 2009.
- KTH, April 2009.
- Bar-Ilan, September 2013.
- KTH, February 2014 and August 2018.
- Banff International Research Station (BIRS), April 2023.

STUDENTS

Ph.D Level

- Eleni Tzanaki
  Defended: March 2007 (University of Crete)
  Thesis title: *Combinatorics of generalized cluster complexes and hyperplane arrangements.*

- Myrto Kallipoliti
  Defended: June 2010 (University of Athens)
  Thesis title: *Combinatorics and topology of the absolute order on a finite Coxeter group.*

- Christina Savvidou
  Defended: June 2013 (University of Athens)
  Thesis title: *Barycentric subdivisions, clusters and permutation enumeration.*

- Vassilis-Dionyssis Moustakas
  Defended: December 2021 (University of Athens)
  Thesis title: *Enumerative combinatorics, representations and quasisymmetric functions.*

- Katerina Kalampogia-Evangelinou
  Current (University of Athens)
  Thesis title: *Some real-rooted polynomials in algebraic combinatorics.*

Masters Level

- Christos Saroglou
  Defended: September 2005 (University of Crete)
  Thesis title: *P-partitions, Eulerian polynomials and equatorial spheres.*

- Christina Savvidou
  Defended: May 2008 (University of Athens)
  Thesis title: *The characteristic polynomial of a hyperplane arrangement.*

- Vassiliki Bora
  Defended: July 2008 (University of Athens)
  Thesis title: *The Robinson-Schensted-Knuth correspondence and its applications.*

- Vassilis-Dionyssis Moustakas
  Defended: June 2017 (University of Athens)
  Thesis title: *The Eulerian distribution on the involutions of the hyperoctahedral group.*

- Stavros Mavrothalassitis
  Defended: June 2018 (University of Athens)
  Thesis title: *Permutation enumeration, symmetric functions and the Gessel-Reutenauer Theorem.*

- Periklis Vassiliou
  Defended: September 2019 (University of Athens)
  Thesis title: *The Bruhat order in algebra, geometry and combinatorics.*

- Katerina Kalampogia-Evangelinou
  Defended: September 2019 (University of Athens)
  Thesis title: *Chromatic symmetric functions.*

- Georgios Kontogeorgiou
  Defended: October 2021 (University of Athens)
  Thesis title: *Polytopal digraphs: Topics in enumeration and reconstruction.*

TEACHING EXPERIENCE

Courses taught at MIT

- 18.085: Mathematical Methods for Engineers (Summer 1995).

Courses taught at UPenn

- Math 140: Calculus I for the Natural Sciences (Fall 1997).
- Math 151: Calculus II for the Social and Biological Sciences (Spring 1998).
- Math 580: Combinatorial Analysis and Graph Theory (Fall 1998).
- Math 312: Linear Algebra (Spring 1999).

Courses taught at UC Davis

- Math 16C: Short Calculus (Fall 2019).

Courses taught at University of Crete

- Math 109: Introduction to Analysis II (Fall 2002 and Spring 2005).
- Phys 113: Mathematics for Physics Majors (Fall 2003).
- Math 202: Number Theory (Spring 2004).
- Math 224: Topology (Fall 2002).
- Math 227: Field Theory (Spring 2003).
- Math 251: Discrete Mathematics (Fall 2004).
- Math 252: Formal Languages and Machines (Fall 2004).
- Math Γ31: Discrete Geometry (Spring 2004, Graduate).

Courses taught at University of Athens

- 121: Linear Algebra I (several times).
- 221: Linear Algebra II (Spring 2007 and 2008).
- 252: Discrete Mathematics (several times).
- 421: Basic Algebra (several times).
- 532: Number Theory (Spring 2019 and 2022).
- 734: Algebraic Combinatorics (several times).
- 821: Galois Theory (Spring 2011).
- 832: Algebraic Topology (Spring 2015).
- Θ29: Combinatorial Theory (several times, Graduate).

- Θxy: Representation Theory (several times, Graduate).

- Θxy: Geometric Combinatorics (Fall 2007, Graduate).

OTHER EXPERIENCE

- Military service, Greece, September 2000–March 2002.
  Specialty: Military English Interpreter.