

# Nikolaos (Nikos) Tzanakis

Curriculum Vitae

March 31, 2018

**Place and time of birth:** Heraklion, Crete 7-7-1952.

**Professional address:** Department of Mathematics, University of Crete,  
714 09 Heraklion, Crete, Greece.

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**Personal web page**

**Nationality:** Greek

**Studies:** Bachelor in Mathematics, University of Athens, Greece, 1974.

Doctoral Degree in Mathematics, University of Athens, Greece, 1981.

**Employment:** October 1974 - January 1977, Military service (compulsory).

February 1977 - April 1981, Preparation of Doctoral Thesis.

September 1981 - February 1984, Postdoc position at the Department of Mathematics,  
University of Crete.

March 1984 - October 1987, Lecturer, Department of Mathematics, University of Crete.

November 1987 - March 1992, Assistant Professor, Department of Mathematics, Uni-  
versity of Crete.

March 1992 - November 1997: Associate Professor, Department of Mathematics, Uni-  
versity of Crete.

December 1997 - today: Professor, Department of Mathematics, University of Crete.

**Administrative experience:** 1-9-1999 to 31-8-2001, Chairman, Department of Math-  
ematics, University of Crete.

**Courses that I have taught:** *Undergraduate:* Calculus I, Linear Algebra, Algebra,  
Group Theory, Ring Theory, Field and Galois Theory, Set Theory, Number Theory, In-  
troduction to Non-Euclidean Geometries, Euclidean Geometry, Discrete Mathematics,  
Introduction to Cryptography.

*Graduate:* Field and Galois Theory, Algebraic Number Theory, Cryptography, Coding Theory, Number Theory in Education.

**Visits to foreign Universities - Conferences - Lectures.**

*September - October 1985:* Erasmus University, Rotterdam, The Netherlands. Visiting research position for cooperation with R.J. Stroeker. That period I gave lectures at Erasmus University and at the University of Leiden.

*July 1987:* “*International Colloquium on Number Theory*”, Budapest, Hungary.

*July 1988:* Visiting research position at the University of Strasbourg, France, for collaboration with M. Mignotte.

*September 1988:* Invited by the Netherlands Mathematical Society I gave two lectures at the Universities of Rotterdam and Leiden. That period I also visited the University of Twente for collaboration with B.M.M. de Weger.

*September 1989:* “*International Colloquium on Computational Number Theory*”, Debrecen, Hungary.

*October 1990:* “*Workshop on the application of Transcendental Number Theory*”, University of Leiden.

*July 1992:* Visit of Erasmus University, Rotterdam for collaboration with R.J. Stroeker and B.M.M. de Weger.

*May 1993:* Invited at MSRI, Berkeley, at a special week-session devoted to “*Computational Aspects of Transcendence*”.

*September 1993:* Invited at Oberwolfach, Germany “*Conference on Transcendental Number Theory*”.

*June 1994:* Invited at the “*Workshop on Constructive Methods in Diophantine Equations*”. Tinbergen Institute, Rotterdam, The Netherlands.

*July 1994:* E.T.H. Zürich, Switzerland, invited at the Seminar of Professeur G. Wüstholz.

*July 1994:* Invited by R.A. Mollin at the University of Calgary for lectures and collaboration. Invited also by C. Stewart for a lecture at the University of Waterloo.

*October 1994:* Invited at the “*Workshop on Algorithms and Number Theory*”, Schloss-Dagstuhl, Germany.

*September 1998:* “*Conference on Algebraic Number Theory and Diophantine Analysis*” Graz, Austria.

*July 1999:* “*Sixth Conference of the Canadian Number Theory Association*”, Winnipeg, Canada.

*July 2000:* “*ANTS (Algorithmic Number Theory Symposium) IV*”, Leiden, The Netherlands

July 2000: Invited at “Durham Symposium of the London Mathematical Society on Computational Number Theory”, Durham, G. Britain.

July 2001: “Journées Arithmétiques”, Lille, France.

September - October 2004: Workshop on Number Theory, held at the Institut Henri Poincaré, Paris, France.

October 2009: Visitor at the University of Strasbourg for cooperation with Maurice Mignotte.

September 2014: “Introductory Workshop on Modular methods in Diophantine Equations”, Bilecik Seyh Edebali University, Bilecik, Turkey.

September 2014: Visitor to Uludag University, Bursa, Turkey for a short introductory course to the Elliptic Diophantine Equations.

September 2015: “4th International Eurasian Conference on Mathematical Sciences and Applications”, Athens, Greece.

June 2016: “Celebrating Michel Waldschmidt’s 70th birthday”, Leuca, Italy.

July 2017: “Diophantine Approximation and Algebraic Curves”, Banff, Canada.

### Journal Publications

**Book:** *Elliptic Diophantine Equations - A concrete approach via the Elliptic Logarithm Method*

**My Courses’s Notes** (in Greek):

### Other activities

Reviewer at *Mathematical Reviews* and *Zentralblatt für Mathematik*. Around 390 reviews to this date (April 2018).

Referee for the journals *Acta Arith.*, *Arabian Journal of Mathematics*, *Colloquium Mathematicum*, *C.R. Royal Soc. Canada*, *Glasgow Math. J.*, *Integers*, *Int. J. Math.*, *J. London Math. Soc.*, *J. Number Th.*, *J. Reine Angew. Math.*, *Malaysian Mathematical Sciences*, *Manuscripta Math.*, *Math. Comp.*, *Math. Scand.*, *Miskolc Mathematical Notes*, *Monatshefte für Mathematik*, *Period. Math. Hung.*, *Proc. Edinburgh Math. Soc.*, *Publ. Math. Debrecen*, *Revista Matemática Complutense* *Rocky Mount. J. Math.*, *Sém. Th. Nombres Bordeaux*, *Trans. Amer. Math. Soc.*

Contributor to the *Encyclopaedia of Mathematics* (Kluwer Academic Publishers).

### References to my research work