CURRICULUM VITAE

Ioannis P. Stavroulakis

2019

Ioannis P. STAVROULAKIS

Department of Mathematics, Universtity of Ioannina, 451 10 Ioannina, Greece
E-mail: ipstav@uoi.gr Skype: ipsmath, WhatsApp or viber: +306977514568

ACADEMIC TITLES:

- ΠΤΥΧΙΟ-PTYCHIO (Bachelor's) in Mathematics, University of Ioannina,   June 1971
- Master's in Mathematics, City University of New York (CCNY),   June 1973
- Ph. D. in Mathematics, University of Ioannina,   March 1976
- DOCTOR HONORIS CAUSA (Hon. Doctorate), Univ. of Gjirokastra,   January 2012

 Languages: Greek, English, French (fair), Russian (reading, fair), Chinese (some ideograms)

FELLOWSHIPS, SCHOLARSHIPS & ASSISTANSHIPS:

- Undergraduate University State Scholarship (I.KY.), University of Ioannina,   1969-70
- Graduate University Scholarship, C.U.N.Y.,   1973
- Teaching Assistantship, Department of Mathematics, University of Ioannina,   1973-76
- Research Fellowship, The National Hellenic Research Foundation,   1976

ACADEMIC POSITIONS AND VISITING APPOINTMENTS:

- Lecturer {
  Department of Mathematics, University of Ioannina   1976-77
  Department of Mathematics, University of Crete   1977-80

- Vstg Asst Professor, Division of Applied Mathematics, Brown University, USA   1981-84
- Asst Professor, Department of Mathematics, University of Rhode Island, USA   1982-84
- Asst Professor, Department of Mathematics, University of Ioannina,   1984-85
- Asso Professor, Department of Mathematics, University of Ioannina,   1985-91
- Professor, Department of Mathematics, University of Ioannina,   1991-15
- Visiting Researcher, Ibaraki University, Japan,   06-07/1992, 06-08/1994, 06-08/1995
- Visiting Scholar, Dept of Mathematics, The Flinders Univ. of So.Australia,   10-11/1994
- Visiting Professor, Dept. of Mathematics, Boston University, USA   01-08/1995
- Visiting Professor, Dept. of Mathematics, Ankara University, Turkey   2016-17
- Visiting Professor, Dept. of Math. Sciences, Univ. of South Africa, So. Africa   2017-18
- Visiting Professor, Faculty of Mech. & Math, Al-Farabi Kazakh National University   2019-

ADMINISTRATIVE POSTS:

- Associate Dean, Faculty of Sciences, University of Crete,   1978-80
- Chairman, Department of Mathematics, University of Ioannina,   1991-93
- Chairman, Department of Computer Sciences, University of Ioannina,   04/1993-08/94
- Deputy Chairman, Department of Mathematics, University of Ioannina,   2007-09
- Director, Division of Mathematical Analysis, University of Ioannina,   2001-04, 10-11, 14-15

TEACHING: Taught several courses at the following Universities:
University of Ioannina (since 1976):
- Introduction to Mathematical Analysis (1976-77, 1983-84, 1988-90, 1992-93)
- Mathematics I (Calculus) (1984-85; Dept of Chemistry)
- Mathematics II (Calculus) (1984-85, 1991-92, 1995-96; Dept of Chemistry)
- Differential Equations (1985-86)
- Calculus I, (1986-87; Dept of Physics)
- Calculus II, (1986-87; Dept of Physics)
- Partial Differential Equations (1987-2015)
- Introduction to Differential Equations (1987-88)
- Calculus II (1990-91)
- Calculus I (1993-94; Dept of Informatics)
- Calculus II (1996-2015; Dept of Informatics)
- Elements of Analysis (1995-96, 1998-99; Dept of Education)
- Partial Differential Equations (post-graduate level), 1999-2015.
- Difference Equations 2013-2015

University of Crete (1977-80):
- Calculus I and Calculus II (2 semesters)
- Differential Equations I (3 semesters)

University of Rhode Island, USA (1981-84):
- Algebra and Trigonometry (4 semesters)
- Introductory Calculus with Analytic Geometry (6 semesters)
- Intermediate Calculus with Analytic Geometry (1 semester)
- Calculus with Analytic Geometry of Several Variables (1 semester)
- Introduction to Linear Algebra (2 semesters)
- Differential Equations (3 semesters)
- Advanced Engineering Mathematics II (Complex Variables) (1 semester)

University of Tirana, Albania:
- Intensive Course on Functional Differential Equations (December 1996)
- Differential Equations (November 1998)

University of Gjirokastra, Albania:
- Intensive Course on Qualitative Theory of Differential Equations (November 1997)
- Differential Equations (January-February 1998), (November-December 1998)
- Analize II (May- June 1998)

Hellenic Open University (Athens):
- General Mathematics II [ΦΥΕ 20], Studies in Natural Sciences, (2006-07, 2008-10, 2011-15)
- General Mathematics I   [ΦΥΕ 10], Studies in Natural Sciences, (2007-08)

Ankara University, Turkey:
- Calculus II (Spring Semester 2017; Dept. of Chemistry),
- Oscillation Theory (Post-graduate level, Spring Semester 2017; Dept. of Mathematics)

Al-Farabi Kazakh National University, Kazakhstan:
- Boundary Value Problems (Spring Semester 2019; Faculty of Mechanics & Mathematics)
- Dynamical Systems (Spring Semester 2019; Faculty of Mechanics & Mathematics)

INTENSIVE COURSES TAUGHT:

- Intensive Course on Functional Differential Equations, Centre of Mathematics, Technical University of Rousse, Rousse, Bulgaria, 22-27 March 1993.

- First International Workshop on Oscillation Theory, Plovdiv, Bulgaria, 14-17 August 1993.

- Summer Seminar on ODE and DDE 1994, Hikone, Japan, 26-28 July 1994.

- Summer Seminar on ODE and FDE 1995, Institute of Nihon University, Karuizawa, Japan, 29 July - 1 August 1995.

- Intensive Course on Functional Differential Equations, Faculty of Sciences, University of Tirana, Albania, 18-24 December 1996.

- Intensive Course on Qualitative Theory of Differential Equations, Faculty of   Sciences, University of Gjirokastra, Albania, 14-21 November 1997.

- Course on Differential Equations, Faculty of   Sciences, University of Gjirokastra, Albania, January-February 1998, November-December 1998.

- Course on Analysis II (Analize II), Faculty of   Sciences, University of Gjirokastra, Albania, May-June 1998.

- Workshop on Analysis, Renyi Institute of Mathematics, Budapest, 30 June-1 July 2001.

- A Course on Qualitative Theory of Differential Equations, *Mathematical Methods in Science and Technology, 2nd International Summer School,* Al-Farabi Kazakh National University (KazNU), Almaty, Kazakhstan, 28 May-08 June 2018

AWARDS-PRIZES-DISTINCTIONS:

- **Canon Foundation in Europe Research Fellowship,** JAPAN

- **DOCTOR HONORIS CAUSA (Honorary Doctorate**). It is to be pointed out that he **is the 1st to be awarded Honorary Doctorate** from the Univ. of Gjirokastra.

- Two **Special Issues** dedicated to him have been published
    1. *Global and Stochastic Analysis (GSA)* **5** No.1, (2018) (www.mukpublications.com)
    2. *Nonlinear Dynamics and Systems Theory* **19** (1-SI) (2019) (www.e-ndst.kiev.ua)

- **Certificate of OBADA-PRIZE 2019 (on the top 10 out of 370)**

CONFERENCES ATTENDED AND SCHOOLS VISITED:

- C.I.M.E. Session on "Stability Problems", Bressanone, Italy, 2-11 June 1974.

- V Balkan Mathematical Congress, Belgrade, Yugoslavia, 24-30 June 1974.

- Istituto Matematico "Ulisse Dini", Florence, Italy, 12-20 December 1975 (research).

- Uppsala 1977 International Conference on Differential Equations, Uppsala, Sweden, 18-23 April 1977 (speaker).

- Chalmers University of Technology and University of Göteborg, Göteborg, Sweden, 25-30 April 1977 (speaker).

- VI Balkan Mathematical Congress, Varna, Boulgaria, 3-9 June 1977 (speaker).

- International Symposium on Harmonic Analysis, Iraklion, Crete, 3-9 July 1978 (member of the organizing committee).

- 82nd Summer Meeting of the A.M.S., Brown University, USA, 9-12 August 1978.

- Department of Mathematics, University of Rhode Island, USA, 8-20 August 1978, 23-30 August 1979, 22 July - 10 August 1980 (research).

- International Conference on Banach Spaces, Iraklion, Crete, 17-20 December 1979.

- Control Theory & Dynamical Systems, A Symposium, Brown University, USA, 8-9 May 1981.

- Department of Mathemarics, University of Rhode Island, USA, 14 May 1981 (speaker).

- IXth International Conference on Nonlinear Oscillations, Kiev, USSR, 30 August- 6 September 1981 (speaker).

- Department of Mathematics, Western Illinois University, USA, 15 June 1982 (speaker).

- Vth International Conference on Trends in Theory and Practice of Nonlinear Differential Equations, Arlington, Texas, USA, 14-18 June, 1982 (speaker).

- UAB International Conference on Differential Equations, Birmingham, Alabama, USA, 21-26 March 1983 (speaker).

- The International Conference on the Theory and Applications of Differential Equations, Edinburg, Texas, USA, 20-23 May 1985 (speaker).

- Department of Mathematics, Boston University, Boston, USA, 6 June 1985 (speaker).

- Computing Centre, Szeged University, Hungary, 22-31 August 1986 and 13-22 December 1986 (research).

- János Bolyai Institute, University of Szeged, Hungary, 28 August 1986 (speaker).

- Mathematical Institute, Hungarian Academy of Sciences, Budapest, 1-5 September 1986, 9-22 March 1990 and 9-12 March 1992 (research, speaker).

- International Conference on Differential Equations, Equadiff 1987, Xanthi, Greece, 24 28 August 1987 (speaker).

- Department of Mathematics, University of Patras, Greece, 3 December 1988 (speaker)

- Fourth Conference on Differential Equations and Applications, Rousse, Bulgaria, 13-19 August 1989 (speaker).

- Department of Mathematics, Beijing Normal University, Beijing (Peking), P.R. China, 23 October 1989 (speaker).

- Institute of Applied Mathematics, Academia Sinica, Beijing (Peking), 26 October 1989 (speaker).

- Department of Applied Mathematics, Ocean University of Qingdao, Qingdao, P.R. China, 27 October 1989 (speaker).

- Department of Mathematics, Fudan University, Shanghai, 1 November 1989 (speaker).

- Department of Mathematics, China Textile University, Shanghai, P. R. China, 3 November 1989 (speaker).

- Department of Applied Mathematics, Hunan University, Changsha, P. R. China, (2 lectures) 8 and 9 November 1989.

- Department of Mathematics, South China Normal University, Guangzhou (Canton), P.R. China, 14 November 1989 (speaker).

- Dept of Mathematics, Zhongshan University, Guangzhou (Canton), P.R. China, (2 lectures) 13 and 16 November 1989.

- Mathematical Institute, Hungarian Academy of Sciences, Budapest, 20 March 1990 (speaker).
- Mathematical Institute, Serbian Academy of Sciences, Belgrade, Yugoslavia,
   22 March 1990 (speaker).

- Institute of Mathematics, University of Novi Sad, Yugoslavia, 23 March 1990 (speaker).

- Meeting on Mathematical Analysis, University of Thessaloniki, 28-29 September 1990 (speaker).

- International Conference on Theory and Applications of Differential Equations, Edinburg Texas, USA,15-18 May 1991 (speaker).

- Department of Mathematics, University of Rhode Island, USA, 24 May 1991 (speaker).

- International Conference on Differential Equations, Département de Mathématiques, Faculté des Sciences, Marrakech, Maroc, 11-14 September 1991 (speaker).

- 2nd Panhellenic Meeting on Mathematical Analysis, University of Athens, 14-15 February 1992 (speaker).

- Dept. of Mathematics, Comenius University, Bratislava, Czechoslovakia, (2 lectures), 6 March 1992.

- Department of Mathematics, University of Brno, Czechoslovakia, 9 March 1992 (speaker).

- Mathematical Institute, Hungarian Academy of Sciences, Budapest, 10 March 1992 (speaker).

- Dept of Mathematics, University of Zilina, Czechoslovakia, 13 March 1992 (speaker).

- Dept of Mathematics, Ibaraki University, Mito, Japan, (2 lectures) 2 and 7 July 1992.

- Seminar on Differential Equations, Fukuoka University, Japan, 16-17 July 1992 (speaker).

- Dept of Mathematics, University of Tirana, Albania, 20-24 December 1992 (speaker).

- Faculty of Sciences, Agricultural University of Tirana, Albania, 23 December 1992.

- Faculty of Sciences, University of Gjirokastra, Albania, 24 December 1992.

- 3rd Panhellenic Conference on Mathematical Analysis, University of Ioannina, 28-29 May 1993 (member of the organizing committee, speaker).

- Department of Mathematics, Ibaraki University, Mito, Japan, 21 July 1994 (speaker).

- Department of Applied Mathematics, Fukuoka University, Fukuoka, Japan, 16-20 August 1994 (research).

- Department of Mathematics Sciences, University of Osaka Prefecture, Osaka, Japan, 20-21 August 1994 (speaker).

- 4th Panhellenic Conference on Mathematical Analysis, University of Patras, 23-24 September 1994 (speaker).

- Department of Mathematics, The Flinders University of South Australia, Adelaide, October-November 1994 (lecture 16 November 1994).

- Department of Mathematics, Boston University, Boston, USA, 9 May 1995 (speaker).

- Dept of Mathematics, University of Delaware, Newark DE, 10-12 June 1995 (speaker).

- Department of Mathematics, Ibaraki University, Mito, Japan, 29 June 1995 (speaker).

- Dept of Mathematics, Toyama University, Toyama, Japan, 3-8 July 1995 (speaker).

- 5th Panhellenic Conference on Mathematical Analysis, University of Crete, Anogia Academic Village, Crete, 13-14 September 1996 (speaker).

- International Symposium on Differential Equations and Mathematical Physics, Tbilisi (Tiflis), Republic of Georgia, 21-25 June 1997 (speaker).

- International Conference on Functional Differential Equations and Applications, Antalya, Turkey, 18-22 August 1997 (speaker).

- 6th Panhellenic Conference on Mathematical Analysis, University of Aegean, Karlovasi, Samos, Greece, 5-7 September 1997 (speaker).

- Department of Mathematics, University of Gjirokastra, Albania, Teaching Assignment (Differential Equations: 09 January-14 Febr. 1998; Analize II: 16 May-18 June 1998).

- Department of Mathematics, Universidad Autonoma de Madrid, Madrid, Spain, 21-29 June 1998 (speaker).

- International Conference on Functional Differential Equations, College of Judea and Samaria, Ariel, Israel, 29 June-2 July, 1998 (speaker).

- Department of Mathematics, University of Tirana, Albania, Teaching Assignment, (Differential Equations: 16-22 November, 1998).

- 7th Panhellenic Conference on Mathematical Analysis, University of Cyprus, Lefkosia (Nicosia), Cyprus, 14-18 April 1999 (speaker).

- 6th Colloquium on the Qualitative Theory of Differential Equations, Bolyai Institute, Szeged University, Szeged, Hungary, 10-14 August, 1999 (speaker).

- Dept of Mathematics, Berhampur University, Berhampur, India, 17 Dec.1999 (speaker).

- Dept of Mathematics, Periyar University, Salem, India, 20 December 1999 (speaker).

- Dept of Mathematics, Sacred Heart College, Tirupattur, India, 21 Dec. 1999 (speaker).

- Dept of Mathematics, Sri Sarada College for Women, Salem, India, 22 Dec.1999 (speaker).

- Dept of Mathematics, Kandasamy Kandar's College, Velur, India, 22 Dec1999 (speaker).

- Dept of Mathematics, Marathwada University, Aurangabad, India, 24 Dec. 1999 (speaker).

- Conference on Differential Equations and Applications, University of Žilina, Slovakia, 3-6 July 2000 (speaker).

- International Conference on Mathematical Analysis and its Applications, In Memoriam Christos Papakyriakopoulos, Dept. of Mathematics, National Technical University of Athens, 24-27 August 2000 (speaker).

- 8th Panhellenic Conference on Mathematical Analysis, Democritus University of Thrace, Xanthi, 29-30 September 2000 (speaker).

- Dept of Mathematics, University of Tirana, (INTERREG II), Albania, 02-08 April 2001.

- Dept of Mathematics, Univ.of Gjirokastra, (INTERREG II), Albania, 25 May-05 June 2001.

- Dept of Mathematics, University of Rousse, (INTERREG II), Boulgaria, 15-21 June 2001

- A.Razmadze Mathematical Institute, Georgian Academy of Sciences, Tbilisi, 4-11 July 2001 (research).

- International Conference on Differential, Difference Equations and their Applications, Patras, 1-5 July 2002 (speaker).

- 9th Panhellenic Conference on Mathematical Analysis,Technical University of Crete, Chania, 5-7 September 2002 (member of the scientific committee, c).

- Dept of Mathematics, P.J. Šafárik University, Košice, Slovakia, 27-30 June 2003 (research).

- International Conference on Differential Equations and Applications, University of Žilina, Slovakia, 30 June - 4 July, 2003 (member of the scientific committee, speaker).

- Dept of Differential and Functional Equations, Poznań University of Technology, Poland, 5-10 July 2003 (speaker, research).

- International Conference on Delay Differential and Difference Equations with Applications, University of Veszprem, Hungary, 25-29 August, 2003 (speaker).

- Institute of Mathematics, St. Cyril and Mathodius University, Skopje, 22 Dec. 2003 (speaker).

- Dept. of Mathematics, Ain Shams University, Cairo, Egypt, 22 Febr. 2004 (speaker).

- Dept. of Mathematics, Mansoura University, Mansoura, Egypt, 23 Febr. 2004 (speaker).

- Dept. of Mathematics, Al-Azhar University, Cairo, Egypt, 24 Febr. 2004 (speaker).

- Dept. of Mathematics, Suez Canal University, Ismailia, Egypt, 25 Febr. 2004 (speaker).

- Dept. of Mathematics, Cairo University, Cairo, Egypt, 26 Febr. 2004 (speaker).

- Dept. of Mathematics, Alexandria University, Alexandria, Egypt, 28 Febr. 2004 (speaker).

- International Conference on Differential Equations and Applications in Mathematical Biology, Malaspina University-College, B.C., Canada, 18-23 July 2004 (member of the scientific committee, speaker).

- 10th Panhellenic Conference on Mathematical Analysis, Technical University of Athens (ΕΜΠ) 30/9-2/10, 2004 (member of the scientific committee, speaker).

- Anniversary Conference 60 years University of Rousse "Angel Kanchev", Section Mathematics, Rousse, Bulgaria, 10-12 November 2005 (speaker).

- Colloquium, Dept. of Mathematics and Statistics, University of Missouri-Rolla, 20 January 2006 (lecturer).

- 11th Panhellenic Conference on Mathematical Analysis, Aristotle University of Thessaloniki, 23-25 May 2006 (member of the scientific committee, speaker).

- 12th ICDEA, International Conference on Difference Equations and Applications, Universidade Tecnica de Lisboa, Lisbon, Portugal, 23-27 July, 2007 (speaker).

- 12th Panhellenic Conference on Mathematical Analysis, National University of Athens, 15-17 May 2008 (member of the scientific committee, speaker)

- Conference on Differential and Difference Equations and Applications 2008 (CDDEA 2008), Strecno, Žilina, Slovakia, 23-27 June, 2008 (member of the scientific committee, speaker).

- 2nd International Conference in Algebra and Functional Analysis, University of Elbasan, Albania, 1-2 July, 2008 (member of the scientific committee, speaker).

- Dept. of Mathematics, Zanjan University, Zanjan, IRAN, 22 & 24 Dec.2008 (2 lectures).

- Institute of Advanced Studies in Basic Sciences, Zanjan, IRAN, 23 Dec. 2008 (speaker).

- Dept. of Mathematics, University of Mazandaran, Babolsar, IRAN, 27 Dec 2008 (speaker).

- Dept.of Mathematics, K.N. Toosi Univ. of Technology,Tehran, IRAN, 29 Dec 2008 (speaker).

- 3rd International Conference in Algebra and Functional Analysis, University of Elbasan, Albania, 15-16 May, 2009 (member of the scientific committee, speaker).

- 4th International Conference in Algebra and Functional Analysis, University of Elbasan, Albania, 14-15 May, 2010 (member of the scientific committee, speaker).

- Progress on Difference Equations - PODE 2010, University of Thrace, Xanthi, 21-25 May 2010 (member of the scientific committee, speaker).

- 13th Panhellenic Conference on Mathematical Analysis, University of Ioannina, 28-29 May 20

- 10 (member of the Organizing Committee, speaker).

- International Conference of Differential and Difference Equations and Applications, Department of Mathematics, Azores University, Ponta Delgada, 4-8 July, 2011 (speaker).

- 14th Panhellenic Conference on Mathematical Analysis, University of Patras, 18-19 May 2012 (member of the scientific committee, speaker).

- International Conference of Differential Equations, Difference Equations and Special Functions, Department of Mathematics, University of Patras, Patras, 3-7 Sept., 2012 (speaker).

- Dept. of Mathematics, Instituto Superior Tecnico, Lisboa, Portugal, 26 Nov. 2013 (speaker).

- Dept.of Exact & Natural Sciences, Academia Militar, Lisboa, Portugal, 27 Nov.2013 (speaker)

- Department of Mathematics, Ankara University, Ankara, Turkey, 19 March 2014 (speaker).

- Dept. of Mathematics, Middle East Technical University, Ankara, 20 March 2014 (speaker).

- Dept of Mathematics & Computer Sci, Cankaya University, Ankara, 21 March 2014 (speaker).

- International Conference on Nonlinear Differential and Difference Equations, Antalya, Turkey, 27-30 May, 2014 (speaker).

- International Conference on Differential and Difference Equations and Applications 2015, Dept. de Ciencias Exatas e Naturais, Military Academy, Lisboa, Portugal, 18-22 May, 2015 (speaker).

- International Conference on Applied and Pure Mathematics, Iasi, Romania, 6-8 November 2015 (speaker).

- The First International Conference: Mathematics Days in Tirana, University of Tirana, Albania, 11-12 December 2015 (speaker).

- The 4th Abu Dhabi International Conference: Mathematical Science and Applications, Abu Dhabi, UAE, 23-26 December, 2015 (speaker).

- The International Conference on Mathematics and its Applications, Cairo, Egypt, 27-29 December 2015 (speaker)

- 15th Panhellenic Conference on Mathematical Analysis, University of Crete, 27-29 May 2016 (member of the scientific committee, speaker).

- Department of Mathematics, Ankara University, Ankara, Turkey, 15 March 2017 (speaker).

- Department of Mathematics, TED University, Ankara, Turkey, 23 March 2017 (speaker).

- Department of Mathematics, Yetidepe University, Istanbul, Turkey, 13 April 2017 (speaker).

- Department of Mathematics, Istanbul Technical University, Turkey, 14 April 2017 (speaker).

- Department of Mathematics, Sinop University, Sinop, Turkey, 12 May 2017 (speaker).

- Department of Mathematics, 19 May University, Samsun, Turkey, 12 May 2017 (speaker).

- Department of Mathematics, 09 September University, Izmir, Turkey, 22 May 2017 (speaker).

- International Conference on Differential and Difference Equations and Applications 2017, Dept. de Ciencias Exatas e Naturais, Military Academy, Lisboa, Portugal, 05-10 June,2017 (speaker).

- Department of Mathematics, Atilim University, Ankara, Turkey, 14 June 2017 (speaker).

- Department of Mathematical Sciences, UNISA, South Africa, 16 Aug. 2017 (speaker).

- Department of Mathematical Sciences, UNISA, South Africa, 30 Aug. 2017 (speaker).

- Department of Mathematical Sciences, UNISA, South Africa, 13 Sept. 2017 (speaker).

- Dept. of Mathematics and Appl. Math., Univ. of Pretoria, South Africa, 14 Nov.17 (speaker).

- 60th Annual Congress South African Mathematical Society 2017, North West University, Potchefstroom, South Africa, 20-22 November 2017 (speaker).

- 25th Regional Fellow Meeting, 30 years Canon Foundation in Europe 1987-2017, Warsaw, Poland, 24 November 2017.

- Department of Mathematics, Stellenbosch University, South Africa, 12 April 2018 (2 lectures).

- Department of Mathematics, University of Cape Town, South Africa, 13 April 2018 (speaker).

- Department of Mathematical Sciences, UNISA, South Africa, 09 May 2018 (speaker).

- Dept.of Pure and Appl. Mathematics, Univ.of Johannesburg, So. Africa, 11 May 18 (speaker).

- 16th Panhellenic Conference on Mathematical Analysis, Univ.of Aegean, 25-27/05/2018 (speaker).

- 8th International Conference on Mathematics and Information Sciences, 6th October University, Cairo, Egypt, 07-10 Febr. 2019 (speaker)

- Faculty of Mechanics and Mathematics, Al-Farabi KazNU, Kazakhstan, 26 Febr. 2019 (speaker).

- Laboratory of Advanced Studies, Turin Polytechnic University in Tashkent, Uzbekistan, 07-10 March 2019 (speaker).

- Dept.of Mathematics, Nazarbayev University, Astana, Kazakshtan, 07-11 April 2019 (speaker)

EXCHANGE PROGRAMMES: Between Greece and:

- **USSR, 30 Aug - 6 Sept 1981**:
  - Mathematical Institute, Ukrainian Academy of Sciences, Kiev.

- **HUNGARY, 22 August - 5 September 1986**:
  - Computing Centre, Medical University of Szeged, Szeged.
  - Mathematical Institute, Hungarian Academy of Sciences, Budapest.

- **P. R. CHINA**, **21 October- 20 November 1989:**
  - Department of Mathematics, Beijing Normal University, Beijing (Peking).
  - Department of Applied Mathematics, Academia Sinica, Beijing (Peking).
  - Department of Applied Mathematics, Ocean University of Qingdao, Qingdao.
  - Department of Mathematics, Fudan University, Shanghai.
  - Department of Mathematics, China Textile University, Shanghai.
  - Department of Applied Mathematics, Hunan University, Changsha.
  - Department of Mathematics, South China Normal University, Guangzhou (Canton).
  - Department of Mathematics, Zhongshan University, Guangzhou (Canton).

- **INDIA, 10-29 December 1999:**
  - Department of Mathematics, Berhampur University, Berhampur.
  - Department of Mathematics, Periyar University, Salem.
  - Department of Mathematics, Sacred Heart College, Tirupattur.
  - Department of Mathematics, Kandasamy Kandar's College, Velur.
  - Department of Mathematics, Sri Sarada College for Women, Salem.
  - Department of Mathematics, Marathwada University, Aurangabad.

- **EGYPT, 19-29 February 2004:**
  - Department of Mathematics, Ain Shams University, Cairo.
  - Department of Mathematics, Mansoura University, Mansoura.
  - Department of Mathematics, Al-Azhar University, Cairo.
  - Department of Mathematics, Suez Canal University, Ismailia.
  - Department of Mathematics, Cairo University, Cairo.
  - Department of Mathematics, Alexandria University, Alexandria.

- **IRAN, 20-30 December 2008**
  - Department of Mathematics, Zanjan University, Zanjan.
  - Institute of Advanced Studies in Basic Sciences, Zanjan.
  - Department of Mathematics, University of Mazandaran, Babolsar.
  - Department of Mathematics, K.N. Toosi University of Technology, Tehran.

GRANTS:

(COMMISSION OF THE EUROPEAN COMMUNITIES):

- TEMPUS JEP GRANT: **476,400 ECU** (1 September 1992 to 31 August 1995)

Nº JEP-4016-92/1, for 1992-93 (90,700 ECU)

Nº JEP-04016-93/2, for 1993-94 (151,600 ECU)

Nº S_JEP-04016-94, for 1994-95 (234,100 ECU).

Contractor of this JEP entitled: *"Creating a Department of Applied Mathematics & Informatics"*.

Participating Institutions: University of Ioannina, Ioannina (GR)

Technical University of Rousse, Rousse (BG)

Universita degli studi di Pavia, Pavia (I)

Brunel University, Uxbridge, West-London (UK)

- TEMPUS PHARE STRUCTURAL JEP GRANT: **432,950 ECU**

Nº S_JEP-09363-95 for the period 1 September 1995 to 15 December 1998

Contractor of this JEP entitled: *"Restructuring and Developing Mathematics Departments"*.

Participating Institutions: University of Ioannina, Ioannina (GR)

Universita degli studi di Trento, Trento (I)

University of Tirana, Tiranë (ALB)

University 'Eqerem Cabej' of Gjirokastra, Gjirokastrë (ALB).

- ERASMUS/SOCRATES 1997-2000

Participating Institutions: Universidad Autonoma de Madrid, Madrid (ES)

Universite de Pau, Pau (F)

Universita degli studi di Pavia, Pavia (I)

- INTERREG II 2001

Participating Institutions: Technical University of Rousse, Rousse (BG)

University of Cyril & Methodios, Skopje

University of Tirana (ALB)

University of Gjirokastra (ALB)

RESEARCH GRANTS:

- "Ampère" Foundation, College of Liberal Arts and Sciences, Ibaraki University, Mito, Japan June-July, 1992 (¥ 530,133).

- 1994 Canon Foundation Visiting Research Fellowship, Ibaraki University, Mito, Japan, June-August 1994 and June-August 1995 (NLG 30,000).

- Visiting Research Fellowship, The Flinders University of South Australia, Adelaide, October November 1994 (A$ 3,000).

- Ministry of National Economy-Fellowships Program: Mathematical Institute, Hungarian Academy of Sciences, Budapest, August 1999 (1.362 EUR); July 2000 (1.000 EUR).

- Ministry of National Economy-Fellowships Program: Institute of Mathematics, St. Cyril and Methodius University, Skopje, Dec. 2003 (2.400 EUR).

- Ministry of National Economy-Fellowships Program: Department of Mathematics, University of Gjirokastra, Albania, Dec. 2004 (2.400 EUR).

- Ministry of National Economy- Fellowships Program (for joint research with:)
  - (i) **A.A. Martynyuk**, 1996 &1997 (163.876 BEF), 2002 (3.007 EUR)
  - (ii) **I. T. Kiguradze**, 1997 (100.292 BEF).
  - (iii) **R. G. Koplatadze**, 1998-99 (103.300 BEF).
  - (iv) **S. A. Tersian**, 1999 (3.060 EUR).

- IKY, State Scholarships Foundation (for joint research with:)
  - (i) **J. Jaroš** 1996 (850.000 GRD).
  - (ii) **G. Kvinikadze**, 1998-99 (2.250.000 GRD).
  - (iii) **J. Shen**, 1998-99 (1.400.000 GRD).
  - (iv) **T. Kiguradze**, 1999 (550.000 GRD).
  - (v) **S. Saker**, 2004 (€ 4.500,00).
  - (vi) **Y.Şahiner,** 2004-05 (€ 6.500,00).
  - (vii) **L. Gjoni,** 2009-10 (8.400,00 EUR)

- Ministry of National Education (for joint research with):
  Z. Pospišil, 1999 (220.000 GRD).

- Ministry of Development, General Secretariat for Research & Technology, International S & T Co-operation Directorate, Bilateral Co-operation Division (between Hellenic Republic and Republic of Georgia). Joint Research Project (Dept. of Mathematics, Univ. of Ioannina & A. Razmadze Math) Institute, Georgian Academy of Sciences) **5.250.000 GRD** (Febr. 2000- Febr. 2002). *Leader* of this Project entitled: *"Singular Boundary Value Problems and Oscillation Theory for Functional Differential Equations".*

- CINAMIL - Centro de Investigação, Desenvolvimento e Inovação da Academia Militar, (2013-2015), Lisboa, Portugal

-TUBITAK (B. 14.2.TBT.0.06.01.03.220.01, 07/10/2013) for two weeks research visit at Ankara University, Turkey.

SCIENTIFIC COLLABORATION:

The following scientists (in chronological order) have visited our Univ. & collaborated with me:
- **R. Conti,** Firenze, Italy, April 1975
- **I. Györi**, Szeged, Hungary, March-April & November 1985; July 2002.
- **T. Kusano**, Hiroshima, Japan, November 1986.
- **V. Laksmikantham,** Arlington USA, January 1987.
- **S. Lella,** Arlington USA, January 1987.
- **J. K. Hale**, Brown, USA, March-April 1987.
- **Á. Elbert**, Budapest, Hungary, June 1988 and May 1993.
- **J. Ruan**, Fudan, Shanghai, China, December 1988- February 1989.
- **S. Biltchev**, Russe, Bulgaria, May-June 1989 and November 1990.
- **Y.H. Yu**, Academia Sinica, Beijing, China, December 1989.
- **V.V. Varlamov**, Moscow, USSR, May 1990.
- **G. Ladas,** Rhode Island, USA, May 1990, 1997; Jan.2002; June 2004; May 2008
- **M. Bartušek**, Brno, Czechoslovakia, April 1991.
- **J. Jaroš**, Bratislava, Slovakia, June 1991 and February-June 1996.
- **K. Niri**, El Jadida, Morocco, March-April 1992.
- **P. Petro**, Tirana, Albania, May 1992.
- **P. Marušiak**, Zilina, Slovakia, October 1992.
- **R. Olach,** Zilina, Slovakia, October 1992.
- **K. Takano,** Ibaraki, Japan, February-March 1993.
- **V. Maric**, Novi Sad, Jugoslavia, June 1993.
- **Ait Dads**, Marrakech, Morocco, March 1994.
- **Y. Domshlak**, Ben-Gurion, Israel, September 1994.
- **D. Mishev**, Sofia, Bulgaria, October-November 1994.
- **A. Martynyuk**, Kiev, Ukraine, May-June 1996, Sept 1997, Oct-Dec 2002
- **F. Cakoni**, Tirana, Albania, June 1997.
- **T. Zlatanovski**, St. Cyril and Methodius Univ., Skopje, Sept. 1997, April-May 2001
- **I. Kiguradze**, Tbilisi, Georgia, November-December 1997.
- **R. Koplatadze**, Tbilisi, Georgia, Nov. 98- Jan. 1999, Feb.-May 2001.
- **J. H. Shen**, Hunan, P.R. China, November 98- June 1999.
- **G. Kvinikadze**, Tbilisi, Georgia, November 98- November 1999.
- **S. Tersian**, Russe, Bulgaria, Feb-March & June-July 1999, March & Oct-Dec 2001.
- **T. Kiguradze**, Tbilisi, Georgia, April-July 1999.
- **Z. Pospišil**, Brno, Czech Republic, September 1999.
- **N. Partsvania**, Tbilisi, Georgia, February-May 2001.
- **K. Kikina,** Gjirokatra, Albania, March 2001.
- **J. Lica,** Gjirokatra, Albania, March 2001.
- **A. Lomtatidze,** Brno, Czech Republic, April 2001 & June 2003.
- **L. Puka,** Tirana, Albania, May 2001.
- **F. Hoxha,** Tirana, Albania, May 2001.
- **J. Werbowski,** Poznań, Poland, July 2002.
- **A. Domoshnitsky,** Ariel, Israel, July 2002.
- **J. Dine,** Gjirokatra, Albania, April-June 2003.

- **S. Saker,** Mansoura, Egypt, March-Sept 2004.
- **P. Karajani**, Gjirokastra, Albania, June 2004.
- **Y. Şahiner**, Ankara, Turkey, Oct.2004-July 2005.
- **L. Gjoni,** Gjirokatra, Albania, Nov. 2002-Jan. 2003; Feb 2009-Jan 2010.
- **G. Infante**, Cosenza, Italy, April 2013.

POSTDOC SUPERVISION:
I have supervised the following postdoc research work:
- **J. Jaroš,** Department of Mathematical Analysis, Comenius University, Bratislava, Slovakia, IKY Postdoctoral Scholarship # 16737, University of Ioannina, Feb-June 1996.
- **J. H. Shen**, Department of Mathematics, Hunan Normal University, Changsha, Hunan, China, IKY Postdoctoral Scholarship # 5796, University of Ioannina, Nov 98-June 99.
- **G. Kvinikadze**, A. Razmadze Mathematical Institute, Georgian Academy of Sciences, Georgia, IKY Postdoctoral Scholarship #10033, University of Ioannina, Nov 98-Nov 99.
- **T. Kiguradze**, Tbilisi State University, Tbilisi, Georgia, IKY Postdoctoral Scholarship #10033, University of Ioannina, April-July 1999.
- **S. Saker,** Dept of Mathematics, Mansoura University, Mansoura, Egypt, IKY Postdoctoral Scholarship # 26868, University of Ioannina, March- Sept 2004.
- **Y. Şahiner**, Dept of Mathematics, Atilim University, Ankara, Turkey, IKY Postdoctoral Scholarship #884, University of Ioannina, Oct. 2004-July 2005.
- **L. Gjoni,** Dept. of Mathematics, University of Gjirokastra, Albania, IKY Postdoctoral Scholarship #10013, University of Ioannina, Feb 2009-Jan 2010.

MEMBER OF THE EXAMINATION COMMITTEE FOR MASTER THESIS:

- **Sariyasa**, *"Discrete Dynamical Systems, Chaos and Applications*", Dept of Mathematics, Faculty of Science and Engineering, The Flinders University of So. Australia, June 1995.
- **M. Philippakis**, *"A review on the qualitative behaviour of difference equations",* Dept. of Mathematics, University of Ioannina, November 2001.
- **D. Konas**, *"Hardy's inequalities",* Dept. of Mathematics, University of Ioannina, Oct. 2003.
- **P. Rapanakis**, *"Study on the existence of solution of the heat equation with singular potentials",* Dept. of Mathematics, University of Ioannina, Febr. 2008.

MEMBER OF THE ADVISORY COMMITTEE FOR DOCTORAL THESIS:
- **Yumei Wu**, *"Oscillation of Dynamical Systems",* Dept. of Mathematics, Univ. of Ioannina, (1988-92).
- **Vasilios Benekas**, *"Topological Vector Spaces on Fields with Estimates",* Dept. of Mathematics, University of Ioannina, (1989-93)**.**
- **Vasilios Chatziphilippidis**, *"Qualitative study of solutions of Difference Equations",* Democritus University of Thrace, (1995-2001).
- **Gesthimani Stefanidou,** *"Study of non-linear Ordinary and Fuzzy Difference Equations of a special form",* Democritus University of Thrace, (2000- 05).
- **George Chatzarakis,** *"Oscillation and convergence of solutions of Difference Equations",* Department of Mathematics, Univ. of Ioannina, (2004-2011).
- **Vasiliki Kaltsa,** *"Study of the asymptotic behavior of the solutions to difference equations"* Democritus University of Thrace, (2013-).
- **Nikolaos Psarros,** *"Study of the asymptotic behavior of the solutions to difference equations and systems"* Democritus University of Thrace, (2014-18).

MEMBER OF THE JURY FOR DOCTORAL THESIS:

 - **I- G.E. Kordonis**, *"On the qualitative behavior of Differential and Difference Equations"*
Department of Mathematics, University of Ioannina, November 1997.
 - **E. Petropoulou,** *"Study of Difference equations in Hilbert and Banach spaces and their applications",* Dept of Mathematics, University of Patras, February 2002.
- **Kyriaki Vlachou,** *"The initial value problem στο semi-infinite Toda lattice with unbounded initial conditions"*, Dept. of Mathematics, University of Patras, October 2002.
- **I. M. Arockiasamy, "***Oscillatory and Asymptotic Behavior of Fourth Order Difference Equations*",
Univ. of Madras, India, July 2002.
- **B. Selvaraj, "***Asymptotic and Oscillatory Behavior of Nonlinear Difference Equations*", Periyar
University, India, February 2005.
- **E. Gatsori,** "*Contribution to the study of local and non- local IVP for differential equations and inclusions",* Dept. of Mathematics, University of Ioannina, May 2005.
- **P. Ramachandran, "***Oscillation Properties of some Neutral Partial Differential Equations*",
Periyar University, India, July 2005.
- **L. Gjoni,** *" Fixed point theory",* Polytechnic University of Tirana, July 2006.
- **T. Revathi, "***Oscillation and Nonoscillation of some Neutral Type Difference Systems*", Univ. of
Madras, India, October 2007.
 - **S. Mehar Banu, "***Oscillatory and Asymptotic Behavior of Nonlinear Difference Equations*", Periyar
University, India, June 2008.
 - **P. Venkatesan,** *Oscillatory Behavior of Solutions of some Neutral type Difference Equations*",
Periyar University, India, December 2008.
 - **G. Britto Antony Xavier,** *Applications of the Generalized Difference Operator and Qualitative Properties of Solutions of Generalized Riccati's Equations,* Thiruvalluvar Univ., India, Dec. 2009.
 -**S. Gunasekaran, "***Oscillation and Nonoscillation of Nonlinear Difference Equations*", Periyar
University, India, May 2010.
 -**S. Murugadass, "***Oscillatory Behavior of second order Differential Equations and flow of Herchel-Bulkley fluid in a slightly curved tube*", University of Madras, India, Dec 2010.
- **K. Palaska, "***Continuous and discrete relations with maximal monotone operators in Banach spaces",* University of Ioannina, Dec. 2010.
 -**S. Murugesan, "***Asymptotic Behavior and Oscillation of Solutions of Neutral/Non-Neutral Advanced Difference Equations"* Periyar University, India, March 2011.
 - **R. Senthamarai,** *"Modelling of non-linear reaction-diffusion processes at modified electrodes"*
Alagappa University, Tamilnadu, India, June 2011.
 - **D.S. Dilip,** *"Qualitative properties of solutions of a class of α-difference equations",* Thiruvalluvar
University, India, October 2012.
 - **G. Purushothaman, "***Asymptotic and Oscillatory Behavior of Solutions of Functional Differential Equations with Impulses"* University of Madras, India, 2013.
 - **S. Padmavathi, "***Oscillation Criteria for second and higher order nonlinear Neutral Differential Equations with Mixed Arguments"* University of Madras, India, 2014.
- **H. Nasira Begum,** *"Bernoulli's formula and multi-series solution of the generalized higher order difference, alpha difference equations",* Thiruvalluvar University, India, 2015.
 - **R. Kodeeswaran, "***Studies on Oscillatory and Asymptotic Behavior of Non Linear Functional Difference Equations"* Periyar University, India, March 2016.

REFEREE:
- Nonlinear Analysis, Theory, Methods and Applications
- Journal of Mathematical Analysis and Applications
- Indian Journal of Pure and Applied Mathematics
- Journal of the Australian Mathematical Society
- Radovi Matematiĉki
- Dynamics and Stability of Systems
- Acta Applicandae Mathematicae
- Publicationes Mathematicae Debrecen
- Glasnik Matematiĉki
- Dynamic Systems & Applications
- Kodai Mathematical Journal
- ZAA, Zeitschrift fur Analysis und ihre Anwendungen
- Proceedings of the Edinburgh Mathematical Society
- Mathematical Inequalities & Applications
- Mathematica Slovaca
- Tamkang Journal of Mathematics
- Nonlinear Differential Equations and Applications
- International Journal of Mathematics and Mathematical Sciences
- Fasciculi Mathematici
- Δελτίο της Ελληνικής Μαθηματικής Εταιρείας
- Journal of Computational and Applied Mathematics
- Journal of the London Mathematical Society
- Electron. J. Differential Equations
- Appl. Math. E-Notes
- The ANZIAM Journal
- Dynamics of Discrete, Continuous and Impulsive Systems
- Proceedings of the Indian Academy of Sciences
- STUDIES of the University of Žilina
- Advances in Difference Equations
- Journal of the Egyptian Mathematical Society
- Central European Journal of Mathematics
- Soochow Journal of Mathematics
- Acta Mathematica Sinica
- Applied Mathematical Modelling
- Applied Mathematics Letters
- J. Computational & Applied Mathematics
- Utilitas Mathematica
- Studia Sci. Math. Hungarica
- Real Analysis Exchange
- Advances in Dynamical Systems and Applications
- Rocky Mountain Journal of Mathematics
- Communications on Pure and Applied Analysis
- Journal of Difference Equations and Applications
- Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis
- Computers and Mathematics with Applications
- Applied Mathematics and Computation
- Journal of Applied Analysis
- Journal of Applied Mathematics and Computing
- Tatra Mountains Mathematical Publications
- Bulletin Mathematica Sinica
- Nonlinear Oscillations
- Journal of Inequalities and Applications
- Glasgow Mathematical Journal
- International Journal of Differential Equations

-Hacettepe Journal of Mathematics and Statistics
-FILOMAT
-Electron. J. of Qualitative Theory of Differential Equations
-Albanian J. of Natural Sciences
-Discrete Dynamics in Nature & Society
-Chaos, Solitons and Fractals
-Abstract and Applied Analysis
-Aceh International Journal of Science and Technology (AIJST)
-International Journal of Analysis
-Journal of the Indian Mathematical Society
-Journal of Function Spaces and Applications
-Acta Mathematica Scientia
-Boundary Value Problems
-Arab Journal of Mathematical Sciences
-Mathematische Nachrichten
-Archivum Mathematicum
-SCIENCE CHINA Mathematics
-Sains Malaysiana
-Mathematical Modeling & Analysis
-Scientific World Journal
-Maditerranean Journal of Mathematics
-Mathematical Methods in the Applied Sciences
-International Journal of Dynamical Systems and Differential Equations
-Mathematics
-Entropy
-Asian J. of Mathematics and Computer Research
- J. of Advances in Mathematics and Computer Science
- Questiones Mathematicae
- SYMMETRY
- ANALYSIS
- Acta & Commentationes Universitatis Tartuensis de Mathematica
- Communications
- Journal of Optimization Theory and Applications

REVIEWER:
- Mathematical Reviews
-Zentralblatt MATH

BOOK REVIEWER:
- **I. Györi and G. Ladas,** Oscillation Theory of Delay Differential Equations with Applications, Oxford Science Publications, 1991, XII+368pp. for *ZAMP.*

- **L. Perko,** Differential Equations and Dynamical Systems, (Texts in Applied Mathematics: Vol.7), New York, Springer-Verlag 1996; 2nd ed., XIV+519 pp., 224 figs, for ZAA, Zeitschrift *fur Analysis and ihre Anwendungen*

- **F. Verhulst**, Nonlinear Differential Equations and Dynamical Systems (Universitext), Berlin-Heidelberg, Springer-Verlag 1996; 2nd rev. and exp.ed., X+303pp., 127figs, for ZAA, *Zeitschrift fur Analysis and ihre Anwendungen*

RESEARCH PROPOSAL REVIEWER:

- Grant Agency for Science, Ministry of Education, Bratislava, Slovac Rebublic,

  (a) Nov.91, (b) Oct.92.

- The Israel Science Foundation, The Israel Academy of Sciences and Humanities,

  Jerusalem, March 1993.

- The Czech Science Foundation, Grant Agency of the Czech Republic, June 2005.

- Slovak Research & Development Agency, October 2007.

EXTERNAL REVIEWER:
- Full Professorship, Dept of Mathematics, Univ. of Rhode Island, November 1986.
- Full Professorship, Dept of Mathematics, Univ. of Rhode Island, November 1992.
- Scholarly Excellence Award, Dept of Mathematics, Univ. of Rhode Island, Feb. 1996.
- Full Professorship, Dept of Mathematics, Ben-Gurion University, Israel, Feb. 1998.
- Asso Prof Tenureship, Dept of Math & Stat., Mississippi State Univ., October 1998.
- Research Appointment, Dept of Mathematics, Ben-Gurion University, Israel, Jan. 2000.
- Research Appointment, Computer Sci. Dept, Technion-Israel Institute of Tech, Feb. 2000.
- Asso Professorship, Dept of Mathematics, Univ. of Gjirokastra, Albania, June 2010.
- Asso Professorship, Dept of Mathematics, Univ. of Gjirokastra, April 2011.
- Full Professorship, Dept of Mathematics, Univ. of Tirana, December 2013

SCIENTIFIC COMMITTEES:

- Member of the Organizing/Scientific Committee of several International Conferences
- Member of **IKY** (State Scholarship Foundation, Athens, Greece) Examination Committee for Postgraduate and Postdoctoral Scholarships**.**
- Member of **DIKATSA- DOATAP** (Inter-University Center for the recognition of foreign academic titles, Athens, Greece), Mathematics Committee.
- President of the panel: *Mathematical Modeling for Social and Economic Sciences*, Evaluation **Archimedes Prize 2001,** European Commission, Brussels, 8-11 October 2001.
- **Academic Expert Meeting**, TEMPUS JEP Selection 2004, European Training Foundation, Brussels, 7-11 February 2005.

MEMBER OF MATHEMATICAL ORGANIZATIONS:

- Ελληνική Μαθηματική Εταιρεία (Hellenic Mathematical Society)
- American Mathematical Society
- Mathematical Association of America
- London Mathematical Society
- Canadian Mathematical Society - Société Mathématique du Canada
- Swedish Mathematical Society (Svenska Matematikersamfundet)
- Société Mathématique de France
- European Mathematical Society
- Research Group in Mathematical Inequalities & Applications (RGMIA)
- International Society of Difference Equations (ISDE)
- South African Mathematical Society

MEMBER OF EDITORIAL BOARD:

- *Nonlinear Dynamics and Systems Theory (**Managing Editor**)*
- *Memoirs on Differential Equations and Mathematical Physics*
- *STUDIES of the University of Žilina*
- *Journal of Advanced Research in Differential Equations*
- *Journal of the Egyptian Mathematical Society*
- *Journal "Mathematics and Natural Sciences"*
- *Journal of Computational Analysis and Applications*
- *International Journal: Mathematical Manuscripts (IJMM)*
- *Bulletin of Mathematical Analysis and Applications*
- *Alexandria Journal of Mathematics*
- *Mathematical Sciences Letters (**Editor-in-Chief**)*
- *Communications*

- **Guest-Editor** *"New developments in Functional and Fractional Differential Equations and in Lie Symmetry"* A special issue of *Symmetry* (ISSN 2073-8994).

RESEARCH INTERESTS:

Research in various aspects of the qualitative theory of ordinary, functional, difference, and partial differential equations. In particular: *Study of the oscillatory and asymptotic behaviour of delay, advanced, mixed, neutral differential and difference equations and of dynamic equations on time scales. First and higher order linear and nonlinear with one or several monotone or non-monotone arguments.*

My papers are cited frequently (more than **2650** citations) by (more than **500**) authors of (more than **1000**) books, monographs, theses and papers on the subject.

- Mathscinet: cited: **845** times by **341** authors.
- ZbMATH: cited **862** times in **480** documents by **412** Authors in **80** Journals in **18** Fields.
- ISI Web**: times cited: 659; h-index**: **34**
- SCOPUS: **cited by 1018, h-index 20.**
- Harzing's Publish or Perish (Google Scholar)**: cited by 2650**, **h-index**: **30, i10-index 66**

PUBLICATIONS:

1. Differential equations with deviating arguments-Contribution to the study of oscillatory and asymptotic properties of the solutions, Ph. D. Thesis, University of Ioannina, 1976. *Dissertation Abstracts International-C no.* 2, **37** (1977), 1/2691c, p. 395.

2. Oscillatory and asymptotic properties of differential equations with deviating arguments, *Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.* (8) **60** (1976), no 5, 611-622; MR0463621 (**57** #3566); Zbl 0369.34032 .

3. Bounded oscillations under the effect of retardations for differential equations of arbitrary order (with V. A. Staikos), *Proc. Roy. Soc. Edinburgh Sect. A,* **77** (1977), no. 1-2, 129-136; MR0454256 (**56** # 12507); Zbl 0358.34074.

4. On the oscillatory and asymptotic behavior of a class of differential equations with deviating arguments (with Y.G. Sficas), *SIAM J. Math. Anal.* **9** (1978), no. 5, 956-966; MR0508836 (**58** # 22935); Zbl 0387.34028.

5. Some oscillatory and asymptotic properties of differential equations with deviating arguments, *Bull. Math. Soc. Sci. Math. R.S. Roumanie, (N.S.)* **22 (70)** (1978), no 2, 191-204; MR0506452 (81h:34085); Zbl 0372.34066.

6. On Differential Inequalities with several Deviating Arguments (with G. Ladas), *IXth International Conference on Nonlinear Oscillations, Vol. 2 (Kiev, 1981),* 215-219, 476, *"Naukova Dumka" Kiev,* 1984; MR0800597.

7. On Delay Differential Inequalities of First Order (with G. Ladas), *Funkcial. Ekvac.* **25** (1982), no. 1, 105-113; MR0673706 (83k: 34070); Zbl 0492.34060.

8. On Delay Differential Inequalities of Higher Order (with G. Ladas), *Canad. Math. Bull.* **25**, (1982), no. 3, 348-354; MR0668953 (84a: 34088); Zbl 0443.34064.

9. Nonlinear Delay Differential Inequalities, *Nonlinear Anal.* **6** (1982), no.4, 389-396; MR0654814 (84c: 34110); Zbl 0488.34062.

10. Oscillations caused by several retarded and advanced arguments (with G. Ladas), *J. Differential Equations* **44** (1982), no.1, 134-152; MR0651691 (83e:34104); Zbl 0452.34058.

11. Asymptotic Behavior of Solutions of Retarded Differential Equations (with G. Ladas and Y. G. Sficas), *Proc. Amer. Math. Soc.* **88** (1983), no. 2,247-253; MR0695252 (84f: 34108); Zbl 0521.34070.

12. Necessary and sufficient conditions for oscillations (with G. Ladas and Y. G. Sficas), *Amer. Math. Monthly* **90** (1983), *no.* 9, 637-640; MR0719755 (84j: 34082); Zbl 0526.34054.

13. Necessary and sufficient conditions for oscillations of higher order delay differential equations (with G. Ladas and Y. G. Sficas), *Differential equations (Birmingham, Ala., 1983),* 373-379, North-Holland Math.Stud. **92**, *North-Holland***,** *Amsterdam,*1984; MR0799372; Zbl 0552.34063.

14. Necessary and sufficient conditions for oscillations of higher order delay differential equations (with G. Ladas and Y. G. Sficas), *Trans. Amer. Math. Soc.* **285** (1984), *no.* 1, 81-90; MR0748831 (85j: 34146); Zbl 0528.34070.

15. Non-Oscillatory Functional Differential Equations (with G. Ladas and Y. G. Sficas), *Pacific J. Math.* **115** (1984), no. 2, 391-398; MR0765195 (86g: 34099); Zbl 0528.34071.

16. Functional Differential Inequalities and Equations with Oscillating Coefficients, (with G. Ladas and Y. G. Sficas), *Trends in Theory and Practice of Nonlinear Differential Equations, (Arlington, Tex., 1982), 277-284,* Lecture Notes in Pure and Appl. Math., 90 *Dekker, New York,* 1984; MR0741515 (85f: 34128); Zbl 0531.34051.

17. Oscillations of Differential Equations of Mixed Type (with G. Ladas), *J. Math. Phys. Sciences,* (Special Issue in the memory of the late Prof. K. M. Das), **18** (1984), no. 3, 245-262; MR0811966 (87d: 34110); Zbl 0654.34058.

18. Necessary and sufficient conditions for oscillations of neutral differential equations (with Y. G Sficas), *J. Math. Anal. Appl.* **123** (1987), no. 2, 494-507; MR0883704 (89a:34080); Zbl 0631.34074.

19. Necessary and sufficient conditions for oscillations of neutral equations with several coefficients (with M. K. Grammatikopoulos and Y. G. Sficas), *J. Differential Equations* **76** (1988), no. 2, 294-311; MR0969427 (89j:34100); Zbl 0669.34069.

20. Positive solutions of functional differential equations (with I. Györi), *Boll. Un. Mat. Ital. B (7)* **3** (1989), no. 1, 185-198; MR0997338 (90c: 34068); Zbl 0683.34035.

21. Oscillations of Mixed Neutral Equations, *Hiroshima Math. J.* **19** (1989), no.3, 441-456; MR1035136 (91m: 34092); Zbl 0712.34078.

22. A note on a paper of J.E. Bowcock and Y.H. Yu: "Sharp conditions for oscillations caused by retarded and advanced perturbations" [Bull. Austral. Math. Soc. 37 (1988), no.3, 429-435; MR 89I: 34093]. *Bull. Austral. Math. Soc.* **40** (1989), no.3, 421-424; MR1037638 (91K: 34110);

23. Necessary and sufficient conditions for oscillation of neutral equations with deviating arguments (with M. K. Grammatikopoulos), *J. London Math. Soc. (2)* **41** (1990), no. 2, 244-260; MR1067265 (91m: 34093); Zbl 0719.34133.

24. Oscillations of neutral differential equations (with M. K. Grammatikopoulos), *Radovi Matematiĉki* **7** (1991), no. 1, 47-71; MR1126884 (93b: 34087); Zbl 0742.34062.

25. Oscillations of higher-order neutral differential equations (with S. J. Bilchev and M. K. Grammatikopoulos), *J. Austral. Math. Soc. Ser. A* **52** (1992), 261-284; MR1143194 (92k: 34089); Zbl 0754.34067.

26. Oscillations of second-order neutral differential equations with deviating arguments (with S.J. Bilchev and M.K. Grammatikopoulos), Oscillation and dynamics in delay equations (San Francisco, CA, 1991), 1-21, *Contemp. Math.,* **129**, Amer. Math. Soc., Providence, RI, 1992; MR1174131 (93i: 34127); Zbl 0763.34054.

27. Oscillations of first order differential equations with deviating arguments (with Á. Elbert), *Recent trends in differential equations,* 163-178, World Sci. Ser. Appl. Anal. 1, *World Sci. Publishing, River Edge, NJ,* 1992; MR1180110 (93g: 34109); Zbl 0832.34064.

28. Oscillations of Volterra Integral Equations with delay, (with G. Karakostas and Yumei Wu), *Tôhoku Math. J.* (2) **45** (1993), no. 4, 583-605; MR1245724 (94h: 45001); Zbl 0789.45001.

29. Oscillation criteria in higher-order neutral equations (with S. J. Bilchev and M. K. Grammatikopoulos), *J. Math. Anal. Appl.* **183** (1994), no. 1, 1-24; MR1273428 (95b: 34116); Zbl 0805.34055.30.

30. Necessary and sufficient conditions for oscillations of difference equations with several delays, (with J. Jaroš), *Utilitas Math.* **45** (1994), 187-195; MR1284029 (95c: 39001); Zbl 0808.39004.

31. Oscillation and non-oscillation criteria for delay differential equations, (with Á. Elbert), *Proc. Amer. Math. Soc.* **123** (1995), no. 5, 1503-1510; MR1242082 (95f: 34099); Zbl 0828.34057.

32. Oscillations of Delay Difference Equations, *Comput. Math. Appl.* **29** (1995), no. 7, 83-88; MR1321260 (96f: 39007); Zbl 0832.39002.

33. Oscillations of First-Order Delay Differential Equations in a Critical State, (with Y. Domshlak), *Appl. Anal.* **61** (1996), no. 3-4, 359-371; MR1618248 (99a: 34184); Zbl 0882.34069.

34. Oscillations of Functional Differential Equations, *Mem. Diff. Equ. Math. Phys*. **12** (1997), 196-203; MR1636876 (99d: 34136); Zbl 0902.34062.

35. Oscillations of Differential Equations with Deviating Arguments in a Critical State, (with Y. Domshlak), *Dynam. Systems Appl.* **7** (1998), no. 3, 405-414; MR1639600 (99h: 34103); Zbl 0916.34062.

36. On the existence of proper oscillating solutions of advanced differential equations, (with I.T. Kiguradze), *Differ.Uravn.* **34** (1998), no. 6, 751-757, 860; translation in *Differential Equations* **34** (1998), no. 6, 748-754; MR1690878 (2000e: 34112); Zbl 1075.34523.

37. On the Oscillation of Solutions of Higher Order Emden-Fowler advanced Differential Equations, (with I. Kiguradze), *Appl. Anal.* **70** (1998), no. 1-2, 97-112; MR1671550 (99h: 34106); Zbl 1013.34068.

38. Generalized stability of motion of impulsive Lurie-Postnikov systems with structural perturbation, (with A.A. Martynyuk), *J. Appl. Math. Stochastic Anal.* **11 (1998), no. 4,** 481–492; MR1663592 (99m: 34114); Zbl 0921.34052.

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