

CURRICULUM VITAE

NAME, LAST NAME : A. Okay, Çelebi

DATE AND PLACE OF BIRTH: March 10, 1943, Tokat, Turkey

NATIONALITY : Turkish

ACADEMIC DEGREES

Doçent : Ankara University, Mathematics Department, Ankara- Turkey, 1972

Ph. D. : Ankara University, Mathematics Department, Ankara- Turkey 1967

M. Sc. : -

B. Sc. : Ankara University, Ankara- Turkey 1964

EMPLOYMENT HISTORY

Professor:

1. Sept. 2007 - ... Yeditepe University, Dept. of Mathematics, Istanbul - Turkey
2. 1988- Dec.2006 Middle East Technical University, Dept. of Math., Ankara-Turkey
3. 1983- 1987 Middle East Technical University, Dept. of Math., by the Law of Higher Education, Article 40
4. 1979-1988 Ankara University, Dept. of Math., Ankara- Turkey

Associate Professor:

1973-1979 Ankara University, Dept. of Math., Ankara-Turkey

Teaching Assistant:

1964-1973 Ankara University, Dept. of Math., Ankara-Turkey

ADMINISTRATIVE DUTIES

1. Member of the Executive Board, Yeditepe Univ., Faculty of Arts and Sciences, Oct.2007 – present.
2. Member of the “Consulting Group” for TBAG, 2005 – March 2009.
3. Member of the METU- Senate: Jan. 1992 – Jan.1995
4. Member of the executive board in TBAG (Sci. and Tech. Research Council of Turkey), June 1985- Sept.1987

5. Member of the Executive Board, METU, Faculty of Arts and Sciences, Mar. 1984 – Sept. 1987
6. Chairman of the Mathematics Department, METU, Sept. 1983 – Sept.1987, Feb.1999 – April 2001
7. Chairman of the Mathematics Department, Ankara University, May. 1983 – Sept. 1983
8. Chairman of the Applied Mathematics Chair, Ankara University, Nov. 1979 – Nov. 1981
9. Member of the Executive Board, Firat University, Faculty of Sciences, 1977 – 1981
10. Member of the Firat University - Senate: Jan. 1978 – Jan.1981

AREA OF SPECIALIZATION

Linear elliptic partial differential equations with singular coefficients,
Pseudoholomorphic functions and partial complex differential equations, Nonlinear ordinary and partial differential equations, Optimal control theory

SCHOLARSHIPS, AWARDS AND GRANTS

Scholarships

1. 1968-1969 (Fulbright, Research Fellow) California Institute of Technology, USA
2. 1975-1976 (British Council, Visiting Associate) Leicester University, Great Britain.

Grants

1. Workshop on nonlinear problems in Mathematical Physics, October 24-29, 1994, Edirne, Turkey
2. Workshop on nonlinear problems in Mathematical Physics II, September 14-18, 1995, Ankara, Turkey
3. Workshop on nonlinear problems in Mathematical Physics III, June 3-7, 1996, Ankara, Turkey
4. International Workshop on Differential and difference inequalities, July 3-7, 1996, Gebze, Turkey
5. Anatolian Lectures in Dynamical Systems, June 16-20, 1997, Ankara, Turkey
6. Continuum Models and Discrete Systems,9 , July 1-4 , 1998, İstanbul, Turkey

7. Workshop on recent trends in complex methods for partial diff. equations, July 6-10, 1998, Ankara, Turkey
8. Workshop on Differential Equations and its Applications, September 2000, Istanbul, Turkey
9. Workshop on Differential Equations and its Applications, September 2002, Istanbul, Turkey
10. Workshop on Recent Trends in Applied Complex Analysis, June 1-5, 2004, Ankara, Turkey
11. The First Int. Workshop on Dynamic Equations on Time Scales, June 25 – July 1, 2005, Istanbul, Turkey
12. 6th International ISAAC Congress, Aug. 13 – 18 , 2007
13. International Conference on Difference Equations and Applications, July 21 – 25, 2008, Istanbul, Turkey.

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

1. Member of the Turkish Mathematical Society, (President of Ankara Branch)
2. Member of the TUMTMK,
3. Member of the American Mathematical Society,
4. Member of the SIAM,
5. Member of the ISAAC,
6. Member of the ISAAC Board, September 2005 – present
7. Member of the ISDE,
8. Member of the General Assembly of UNESCO – Turkey (as distinguished person) June 1996 – present

MEMBERSHIPS IN THE EDITORIAL BOARDS

1. Complex Variables and Elliptic Equations: An International Journal, (formerly Complex Variables – Theory and Application), USA;
2. Bulletin of the Marathwada Mathematical Society (Mathematics and Computation), Associate Editor,(India);
3. Advances in Dynamical Systems and Applications (ADSA), USA;
4. Turkish Journal of Mathematics;
5. Anadolu University, Journal of Science and Technology;

PUBLICATIONS

Ph.D. Dissertation:

On the generalized Tricomi's equation (supervisor: Prof. Dr. Saffet Süray), 1967

Research Articles / Refereed Conference Proceedings:

1. A.O. Çelebi; On the generalized Tricomi's equation; *Comm.Fac. Sci. Univ. Ankara Ser. A*; Vol. 17, pp. 1-31, 1968.

2. A.O. Çelebi; Some properties for the solutions of
$$\sum_{i=1}^n \left(\frac{\partial^2}{\partial x_i^2} + \frac{k_i}{x_i} \frac{\partial}{\partial x_i} \right) u = 0$$
; *Comm. Fac. Sci Univ. Ankara*, Ser.A, Vol.19, pp 31-39, 1970.

3. A. O. Çelebi, S. Süray; On the decomposition formulae for the solutions of a class of PDE of even order; *Comm.Fac. Sci. Univ. Ankara Ser. A*; Vol.22, pp. 57-66, 1973.

4. A.O. Çelebi; Vekua's method for solving the equation
$$\sum_{i=1}^n \left(\frac{\partial^2 u}{\partial x_i^2} + \frac{\partial^2 u}{\partial x_{n+j}^2} + \frac{k_j}{x_{n+j}} \frac{\partial u}{\partial x_{n+j}} \right) = 0$$
 and a Cauchy problem for an

ultrahyperbolic equation, *Comm. Fac. Sci, Univ. Ankara*, Ser.A, Vol.23, pp. 137-142, 1974.

5. A.O. Çelebi; A Poisson-Type kernel and its properties, *Journal of K.T.Ü.* Vol.1, pp. 159-166, 1977.

6. A.O. Çelebi; Integral operators that generate solutions for a class of PDE; *Journal of K.T.Ü.* Vol.2, pp. 63-71, 1978.

7. A.O. Çelebi; H.Rabadi: Reflection principles for generalized poly-axially symmetric biharmonic functions; *Comm. Fac. Sci. Univ. Ankara*, Ser. A, Vol. 35, pp. 83-93, 1986.

8. A.O. Çelebi, M. Çağlıyan; A singular I.V.P. for an ultrahyperbolic equation, *Radovi Math.*, Vol.4, pp. 375-382, 1988.

9. A.O. Çelebi; K. Leblebicioğlu, On the convergence of numerical solutions of a nonlinear optimal control problem, *Inter.Sym. on Numerical Analysis*, Ankara, Sept.1-4, 1988; pp. 189-207

10. A.O. Çelebi, Ö. Akin; Generalized Cauchy-Riemann equations and the positive k-harmonic functions: *Proc. Potential Theory*, Plenum Press, pp 7-11, 1988

11. A.O. Çelebi, N. Ersoy; On a class of hyperbolic differential equations, *Bull. Inst.Math.Acad.Sinica*, Vol.18, pp. 261-271, 1990.

12. A.O. Çelebi, H. Bereketoğlu; Some oscillation theorems for perturbed nonlinear, *Pure and App. Math.Sci.*, Vol.33, pp 47-53,1991

13. A.O. Çelebi, K. Leblebicioğlu; An optimal control problem with non-linear elliptic state equation, *JMAA*, Vol. 164, pp. 178-205, 1992.

14. A.O. Çelebi, E. Anar; A scattering problem in \mathbb{R}^n , *Bull. Inst. Math. Acad. Sinica*, Vol.22, pp. 323-340, 1994.

15. A.O. Çelebi, U.Yüksel; The Cauchy-Kowalewski theorem in the space of pseudoholomorphic functions, *Complex Variables*, Vol. 29 , pp.305-311, 1996.
16. A.O. Çelebi, A.F. Güvenilir; Existence of solutions of semilinear higher order elliptic equations, *Indian, J. of Math.*, Vol. 38, pp. 203-218, 1996.
17. A.O. Çelebi, E. Bairamov; Spectral properties of the Klein-Gordon s-wave equation with complex potential, *Indian J. Pure. Appl. Math.*, Vol. 28, pp.813-824, 1997.
18. A.O. Çelebi, A. Tiryaki; On the nonoscillatory behaviour of solutions of third order differential equations, *Appl. Anal.*, Vol.67, pp 89-97, 1997
19. A.O. Çelebi, Ö. Çakar , E. Bairamov; Schrödinger Operators with an energy-dependent potential: discrete spectrum and principal functions, *JMAA*, Vol.216, pp.303-320, 1997
20. A.O. Çelebi, U. Yüksel: Solution of initial value problems for pseudo-holomorphic functions in conical domains, Graz-Austria, 6-11 January, 1997.
21. A.O. Çelebi,V.Kalantarov, F. Tahamtani; Phragmen-Lindelöf type theorems for some semilinear elliptic and parabolic equations, *Demonstratio Mathematica*, Vol.31, pp.43-54, 1998.
22. A.O. Çelebi, U. Yüksel; Solution of initial value problems for pseudoholomorphic functions in conical domains, *Complex Variables*, Vol.36, pp 195-205, 1998.
23. A. O.Çelebi,E. Bairamov; Spectral analysis of nonselfadjoint Schrödinger operators with spectral parameter in boundary conditions. *Facta Univ. Ser. Math. Inform.* No.13, (1998), 79--94.
24. A.O. Çelebi, S. Şengül: Differential-operator solutions for complex partial differential equations; Workshop on recent trends in complex math. for PDE. July 6-10, 1998, Ankara; *Complex Methods for Partial Differential Equations*, Int.Soc. Anal.Comput.,Vol. 6 (1999) ,pp.29-40 ,Kluwer.
25. A.O. Çelebi, A. Tiryaki; Nonoscillation and asymptotic behaviour for third order nonlinear differential equations: *Czh. J. Math.* Vol. 48, pp 677-685, 1998
26. A.O. Çelebi, S. Şengül; On Riemann Functions for Complex differential Equations. *Bull. Inst. Math.Acad. Sinica*, Vol. 26, pp 309-320, 1998.
27. A.O. Çelebi, E. Bairamov; Spectral expansion for the non-selfadjoint discrete Dirac operators ,*Quarterly J. Math. Oxford(2)*, Vol.50, pp.371-384, 1999.
28. A.O. Çelebi, S. Şengül; Differential operators for the solutions of complex partial differential equations. *Complex Variables* ,Vol.40,pp.189-198,2000
29. A.O. Çelebi, V. Kalantarov, M. Polat; Attractors for the generalized Benjamin-Bona-Mahony equation. *J. Diff. Equation* Vol. 157, pp. 439-451, 1999.
30. A.O.Çelebi, A.F.Güvenilir, A note on asymptotic stability of a class of functional differential equations, *Indian J. Math.* Vol. 42, pp. 37-41 , 2000.
31. A.O.Celebi , V.K. Kalantarov, Spatial behavior estimates for the wave equation under nonlinear boundary conditions. *Math. Comput. Modeling*, Vol.34, pp.527-532, 2001.
32. A.O. Celebi, K. Leblebicioglu, U. Halici , Infinite dimensional Hopfield neural networks, *Nonlinear Analysis*, Vol. 47, pp. 5807- 5813, 2001.

33. A.O. Celebi, K.Koca; A boundary value problem for generalized analytic functions in Wiener - type domains. *Complex Variables*, Vol. 48, pp.513 – 526 , 2003.
34. A.O.Celebi; Dirichlet problems with nonsmooth boundary. (NATO ARW held in Sept.22 – 25 , 2002, Yerevan) *Proceedings of the NATO ARW on topics in Analysis and its Applications*; Edited by G.A. Barsegian and H.G.W. Begehr, NATO Science Series, II Math. Phys. And Chem. – Vol. 147 , pp. 295 – 309, 2004 .
35. A.O.Celebi, D.Ugurlu; Determining functionals of the solutions for the Brinkman-Forchheimer equations, *Proceedings, Nonlinear Systems: Modeling, Simulations and Applications*, pp. 31-40, 2004.
36. A.O.Celebi, D.Ugurlu; Determining functionals for solutions of Strongly damped nonlinear wave equations, *International Conference on Research and Education in Mathematics*, 2-4 April 2003,(Malaysia),397 – 399, 2004
37. A.O. Celebi, K. Koca; A representation of solutions for a system of complex differential equations in the plane and periodic solutions, *Memoirs on Diff. Equations and Mathematical Physics* (Georgian Acad. of Sciences.) Vol. 33, pp.95 – 101, 2004.
38. A.O. Celebi, K. Koca; Some relations among the classes of pseudoholomorphic functions, *Complex Variables*, Vol. 50, pp.733 – 743 , 2005.
39. A.O. Çelebi, V.K. Kalantarov, D. Uğurlu; Continuous dependence for the convective Brinkman – Forchheimer equations, *Appl. Anal.*, Vol.84, pp.877-888,2005.
40. A.O. Çelebi, K. Koca, A note on a boundary value problem for nonlinear complex differential equation in Wiener –type Domains, *Methods of complex and Clifford analysis*, pp. 321 – 326, SAS Int. Publ., Delhi, 2004.
41. A.O. Çelebi, V.K. Kalantarov, D. Ugurlu; On continuous dependence on coefficients of Brinkman – Forchheimer equations, *Appl. Math. Lett.* Vol.19 pp.801 – 807, 2006.
42. A.O. Celebi; A note on a boundary value problem for Bitsadze equation in Wiener – type domains, *Journal of Applied Functional Analysis* (Special Issue, Snapshots in Applied Complex Analysis), Vol.2, No.1, pp.73 – 82, 2007.
43. A.O.Celebi, U. Aksoy; Norm Estimates of a Class of Calderon-Zygmund Type Strongly Singular Integral operators, *Integral Transforms and Special Functions*, Vol. 18, No. 2, pp. 83 – 87, 2007.
44. A.O. Celebi, D. Ugurlu, Determining functionals for solutions of strongly damped nonlinear wave equations, *Journal of Dynamical Systems and Geometric Theories* , Vol. 5, pp. 105 – 116, 2007.
45. A. O. Celebi, K. Koca; A boundary value problem for non-homogeneous Vekua equation in Wiener – type domains, *Selcuk J. Appl. Math.*, Vol.8, pp. 71 – 81, 2007.
46. A.O.Celebi, K.B. Arikan, I. Korkmaz, Y.S. Unlusoy; Identification of Linear Handling Models for Road Vehicles. *Vehicle System Dynamics*, Vol. 46, pp. 621 – 645, 2008.
47. A. O. Celebi, U. Aksoy; Schwarz problem for higher – order complex elliptic partial differential equations, *Integral Transforms and Special Functions*, Vol. 19, pp. 413 – 428, 2008.
48. A. O. Celebi, V. K. Kalantarov, D. Ugurlu; Structural stability for the double diffusive convective Brinkman equations, *Appl. Anal.* , Vol. 87, pp. 933 – 942, 2008.
49. A. O. Celebi, M. Kaya; Existence of weak solutions of the g – Kelvin – Voight equations, *Mathematical and Computer Modeling*, Vol. 49, pp.497 – 505, 2009.

50. A. O. Celebi, U. Aksoy; Neumann problem for generalized Poisson and bi – Poisson equations; Further Progress in Analysis, Proceedings of the 6th International ISAAC Congress 2007, Ankara, World Scientific, pp. 311 – 320, 2009.

51. A. O. Celebi, U. Aksoy; Neumann problem for generalized n – Poisson equations, *JMAA*, Vol.357, 438 – 446, 2009.

Submitted

1. A. O. Celebi, V. K. Kalantarov, M. Polat; Global attractors for 2D Navier – Stokes – Voight equations in an unbounded domain (to be published, *Appl. Anal.*)

2. A. O. Celebi, U. Yuksel; Solution of initial value problems of Cauchy – Kovalevsky type in the space of generalized monogenic functions (submitted)

3. A. O. Celebi, U. Aksoy; Dirichlet problems for generalized n – Poisson equations (to be published, Toronto)

4. A. O. Celebi, U. Aksoy; Mixed boundary value problems for higher – order complex partial differential equations (to be published, *Analysis*)

5. A. O. Celebi, M. Polat, N. Caliskan; Global attractors for the 3D viscous Cahn-Hilliard equations in an unbounded domain (to be published, *Appl. Anal.*)

Preprints

1. A.O. Çelebi, B. Kaymakçalan, C. Ekici; Dynamics of age-structured populations with n -interacting subpopulations.

2. A.O. Çelebi, A. F. Güvenilir; Liouville theorem for a nonlinear elliptic equation.

3. A.O. Çelebi, E. Bairamov; Eigenfunction expansions for the Klein-Gordon s -wave equation with complex potential. (*Math.* 97/139)

Books

1. A. O. Çelebi, Ü. Çelebi; *Diferensiyel Denklemler: Modern Matematik ve Fen Kitapları Serisi*, No 126; 1980, Turkey, (Turkish).

2. A.O. Çelebi, Ö. Çakar; *Soyut Matematik*, beşinci baskı, AÜFF Döner Sermaye İşletmesi Yayınları, No. 14, 2005, Turkey, (Turkish).

3. A.O. Celebi, M. Cagliyan; *Kismi Diferensiyel Denklemler*, Uludag Üniversitesi Güclendirme Vakfı Yayını, No: 196, Bursa- 2002, Turkey, (Turkish)

INTERNATIONAL CONFERENCE PARTICIPATION

Title of the Talk:

1. A.O. Çelebi; Decomposition formulas for a class of PDE; 4. Congress of U.B.M, İstanbul 1971, pp.51-52, Turkey
2. A.O. Çelebi; Similarity principle for pseudoholomorphic functions; Workshop on Functional Analytic Methods in Complex Analysis and Appl. to PDE, feb.8-19, 1988, Trieste, Italy
3. A.O. Çelebi; K. Leblebicioğlu, On the convergence of numerical solutions of a nonlinear optimal control problem, Inter. Sym. on Numerical Analysis, Ankara, Sept.1-4, 1988, Turkey
4. A.O. Çelebi, Ö. Akın; Generalized Cauchy-Riemann equations and the positive k-harmonic functions: Proc. Potential theory, Plenum Press, pp 7-11, 1988
5. A.O. Çelebi; Some studies in differential equations in Turkey (survey), 1. Türk Azeri Matematik Sempozyumu, İstanbul, 12-18 Eylül 1991.
6. A.O. Çelebi, M. Çağlıyan; On a generalization of areolar monogenic functions, 2. Türk-Azeri Matematik Sempozyumu, Bakü, Eylül 1992.
7. A.O. Çelebi, M. Çağlıyan; A generalization of areolar monogenic functions. Fourth Int. Coll. on Diff.Eqns, Plovdiv, Bulgaria, Aug.18-23 , 1993.
8. A.O. Çelebi, K. Leblebicioğlu; An optimal Control problem for a class of nonlinear parabolic partial differential equations, Fourth Int. Coll. on Diff. Eqns, Plovdiv, Bulgaria, Aug.18-23 , 1993.
9. A.O. Çelebi, B. Kaymakçalan; Implusive dynamic systems on time scales: Fifth Int. Coll. on Diff. Eqns, Plovdiv, Bulgaria, Aug.18-23 , 1994.
10. A.O. Çelebi, U. Yüksel: Solution of intial value problems for pseudo-holomorphic functions in conical domains, Graz-Austria, Jan.6-11 , 1997.
11. V. Kalantarov, A.O.Celebi: Lower semicontinuity of the attractors for singularly perturbed Boussinesq – tpye equations, DEMPh, 1997.
12. A.O. Çelebi, S. Şengül: On Riemann functions for complex differential equations, Workshop on recent trends in complex meth. for PDE. July 6-10, 1998, Ankara, Turkey
13. A.O. Çelebi, S. Şengül: Differential-operator solutions for complex partial differential equations; Workshop on recent trends in complex meth. for PDE. July 6-10, 1998, Ankara, Turkey,
14. A.O.Çelebi, V.K. Kalantarov, Spatial behavior estimates for the wave equation under nonlinear boundary conditions, Nonlinear Systems: Modeling ,Simulation and applications, Nanded, India, Dec. 26-29 , 2000.

- 15.** A. O. Celebi, Initial value problems for pseudoholomorphic functions, Workshop on functional-analytic and complex methods, their interaction, and applications to partial differential equations, Graz- Austria, Feb. 12 -16, 2001.
- 16.** A.O.Celebi : An introduction to partial differential equations with complex variables I , II; Research semester on the qualitative theory of non-linear partial differential equations, Feb.22 and Feb.24 2001, Feza Gursey Institute, TUBITAK - Bogazici University, Kandilli – Istanbul.
- 17.** A.O. Celebi, A Boundary Value Problem for Generalized Analytic Functions in Wiener- type Domains: I
The Existence of the Solutions of Cauchy-Riemann System, ISAAC Conference on Complex Analysis, Differential Equations and Related Topics, Sept. 17 – 21 2002, Yerevan, Armenia.
- 18.** A.O. Celebi, A Boundary Value Problem for Generalized Analytic Functions in Wiener- type Domains: II
Representation of Solutions of BVP by T_D Operators, NATO ARW, Sep.22 – 25 2002, Yerevan, Armenia.
- 19.** A.O. Celebi, D. Ugurlu, Determining functionals for solutions of strongly damped nonlinear wave equations, International Conference on Research and Education, Malaysia , April 2 – 4, 2003.
- 20.** A.O. Celebi, Boundary value problems for complex partial differential equations in Wiener-type domains, Workshop on Recent Trends in Applied Complex Analysis, June 1 – 5 ,2004, Ankara, Turkey.
- 21.** A.O. Çelebi, K. Koca, A boundary value problem for nonlinear complex Differential Equation in Wiener –type Domains, Recent Trends of Applied Mathematics based on PDE and Complex Analysis, Hanoi, Aug.25 – 29 , 2004, Vietnam
- 22.**A.O.Celebi, Boundary Value Problems for Second Order Equations in Domains with Non-smooth Boundaries, Catania, July 25 – 30, 2005, Italy.
- 23.** A.O. Celebi, M. Kaya, Inverse problems for a heat equation with memory, Inverse Problems: Modeling and Simulation, Fethiye, May 29 – June 2, 2006, Turkey , pp. 36 – 37.
- 24.**A.O. Celebi, M. Kaya, Inverse problems for a heat equation with memory; Inverse problems, homogenization and related topics in Analysis, UCF (Orlando), USA, January 13 – 15, 2007.
- 25.** A. O. Celebi, U. Aksoy; Norm estimates of a class of Calderon – Zygmund type strongly singular integral operators; Ilia Vekua – 100, ISAAC Conference, Tbilisi, April 23 – 27, 2007.
- 26.** A. O. Celebi, U. Aksoy; On a boundary value problem for higher order elliptic complex partial differential equations, Ilia Vekua – 100, ISAAC Conference, Tbilisi, April 23 – 27, 2007.
- 27.** A. O. Celebi, U. Aksoy; Neumann problem for a particular fourth-order equation, 6th International ISAAC Congress, 13 – 18 August 2007, Ankara.
- 28.** A. O. Celebi, U. Dinlemez Ates; Structural stability for nonlinear shallow water waves, 6th International ISAAC Congress, 13 – 18 August 2007, Ankara.

29. A. O. Celebi, Meryem Kaya; Existence of weak solutions of the g-Kelvin-Voigt equations, 6th International ISAAC Congress, 13 – 18 August 2007, Ankara.
30. A. O. Celebi, U. Aksoy; Neumann problem for higher order linear complex differential equations, IWPDE, Aug. 4 – 8, 2008, York Univ. Toronto, Canada
31. A. O. Celebi, Existence of weak solutions of the g-Kelvin-Voigt equation, The second International Conference “Problems of Cybernetics and Informatics”, Baku, Azerbaijan, September 10 – 12, 2008, pp.30-32
32. A. O. Celebi, U. Aksoy; Some classes of integral operators related to mixed boundary value problems, Pre-ICM Intern. Convention on Math. Sci., Dec. 18 – 20, 2008, Delhi, India
33. A. O. Celebi, U. Aksoy; Mixed boundary value problems for higher order complex partial differential equations, Pre-ICM Intern. Convention on Math. Sci., Dec. 18 – 20, 2008, Delhi, India
34. A. O. Celebi, U. Aksoy; Boundary value problems for higher – order linear complex partial differential equations, CMFT 2009, June 8 – 12, 2009, Bilkent Univ., Ankara , Turkey.
35. A. O. Celebi, U. Aksoy; Some Boundary value problems for higher – order linear complex partial differential equations , III Congress of the Turkish World Mathematicians, June 30 – July 4, 2009, Almaty, Kazakhstan.
36. A. O. Celebi, U. Aksoy; A hierarchy of polyharmonic kernel functions and related integral equations, July 13-18, 2009, London, England.
37. A. O. Celebi, U. Aksoy; Complex partial differential equations with mixed-type boundary conditions, July 13-18, 2009, London, England.

Participations:

1. Fullerton, Irvine ve Santa Cruz AMS meetings, between Sept. 1968-Aug.1969, USA
2. Control theory symposium, Loughborough (Great Britain), Dec. 1975.
3. Pseudo-differential operators with applications, 16-24 June 1977, Bressanone (Italy) Summer School
4. Int. Cong. Math., 15-23 Aug. 1978, Helsinki (Finland)
5. Spectral Analysis of differential operators; 27 Aug.-4 Sept. 1983, Varenna (Italy), Summer School
6. International Symposium on Numerical Analysis, Sept. 1-4, 1987, METU
7. Second workshop on functional analytic methods in complex analysis and applications to PDE, Feb. 1993, Trieste (Italy).
8. 3. Azerbaycan-Türkiye Matematik Sempozyumu, 31 Aug.-4 Sept. 1993, Trabzon
9. Workshop on Nonlinear Problems in Mathematical Physics, 24-29 Oct. 1994, Edirne
10. Workshop on Nonlinear Problems in Math. Phys.II, 14-18 Sept. 1995, Ankara, METU
11. Workshop on Nonlinear Problems in Math. Phys. III, 3-7 June 1996, Ankara, METU

12. International Workshop on Differential and Difference Inequalities, 3-7 July 1996, Gebze
13. Anatolian Lectures in Dynamical Systems, June 16-20, 1997, METU-Ankara
14. Functional Differential Difference equations and Applications; 18-22 Aug. 1997. Antalya
15. Continuum Models and Discrete Systems 9, June 29 – July 3 1998, İstanbul
16. Workshop on Differential Equations and its Applications; Sept. 15 – 17, 2004, İstanbul
17. The First International Workshop on Dynamical Equations on Time Scales; June 27 – July 1, 2005, İstanbul
18. International Workshop on Research in Secondary and Tertiary Mathematics Education; Baskent University, Ankara, July 7 – 11, 2006
19. International Integral Geometry and Inverse Problems Symposium, July 17 – 21, 2006, Zonguldak
20. Inverse problems: Modeling and Simulation, Fethiye, May 26 – 30, 2008.
21. Nonlinear dispersive equations, imbm – İstanbul, Aug. 25 – 28, 2008.
22. International Conference on Difference Equations and Applications, July 21 – 25, 2008, İstanbul, Turkey
23. İstanbul Conference on Mathematical Methods and Modeling in Life Sciences and Biomedicine, Aug. 17 – 21, 2009, Yeditepe University

NATIONAL CONFERENCE PARTICIPATIONS

Title of theTalk:

1. A.O. Çelebi; Eliptik bir denklem için Vekua'nin metodu ve bir ultrahiperbolik denklem için Cauchy problemi, TUBITAK 4.Bilim Kongresi, Ankara 1973.
- 2.A.O. Çelebi; Lineer olmayan sınır değer problemlerinde çözümlerin varlığı, Differensiyel Denklemler sempozyumu bildirileri, İstanbul, Aralık 1985 pp. 55-70. (invited talk)
- 3.A.O.Çelebi, K. Leblebicioğlu; On the optimal control of distributed parameter systems, Ulusal Matematik Sempozyumu ,KTU Trabzon,1987.
- 4.A.O. Çelebi; Genelleştirilmiş analitik fonksiyonlar, Ulusal Matematik Sempozyumu 25-28 Eylül 1989 İzmir (invited talk)
5. A.O.Çelebi, İ.E. Anar;A scattering problem in R,V.Ulusal Matematik Sempozyumu, Adapazarı,Eylul, 1992.
6. A.O. Çelebi, S.Şengul; 4. basmaktan bir kompleks diferensiyel denklemin çözümleri hakkında, VI. Ulusal Matematik Sempozyumu, Dogu Akdeniz Universitesi,Gazi Magusa, Eylul, 1993.
7. A.O.Çelebi,F. Güvenilir;Yüksek basamaktan eliptik denklemlerde çözümlerin varlığı, Adana, Eylülç1995.
8. A.O.Çelebi, S.Şengül;İki farklı diferensiyel operatörün Riemann fonksiyonları arasındaki ilişkiler, Adana, Eylül 1995.

9. A.O.Çelebi,V.Kalantarov; Doğrusal olmayan sistemlerin çözümlerinin kararlılığı, Bulanık Mantık ve Nöral Ağlar Sempozyumu,ODTU,Ekim 1995.
10. A.O.Çelebi, V. Kalantarov, F. Tahamtani; Yarılıneer eliptik ve parabolik denklemler için Phragmen- Lindelöf tipi teoremler, Dinamik sistemler sempozyumu,ODTU (Uludağ) , aralık 1995.
11. A. O. Çelebi, Nonlinear parabolik denklemlerde çözümlerin varlığı ve tekliliği, Uygulamalı Matematik Günleri: Hacettepe Üniversitesi, 17-21 Şubat 1997 (invited talk)
- 12.A.O. Çelebi, Genelleştirilmiş analitik fonksiyon uzaylarında diferansiyel denklemler; 11-15 Eylül 1997, Adapazarı, Sakarya Üniversitesi. (invited talk)
13. A. O. Çelebi, Tekil pertürbasyon teorisine giriş: Matematiksel Fiziğin Doğrusal olmayan problemleri; Hacettepe Üniversitesi 17-19 Eylül 1997. (invited talk)
14. A. O. Çelebi, Yapılandırılmış nüfus dinamiği, Diferansiyel Denklemler Sempozyumu IX, 22-24 Eylül 1997, KTÜ, Trabzon (invited talk)
15. A. O. Çelebi ; Genelleştirilmiş analitik fonksiyonlar sınıfında başlangıç değer problemlerinin çözümü,Palandöken Matematik günleri, Erzurum,Haziran 2001
16. A. O. Çelebi, Sinir kosulu lineer olmayan dalga denkleminin cozumlerinin uzun zaman davranisi, Dinamik Sistemler Sempozyumu IV, Izmir, 8 – 10 Subat 2002.
17. A.O. Çelebi, K. Koca ; Wiener tipli bolgede homogen olmayan Vekua denklemi icin bir sinir deger problemi , XVI. Ulusal Matematik Sempozyumu, Van, 10 - 12 Eylul, 2003;Yüzüncü Yıl Üniv. Fen Bilimleri Enstitüsü Dergisi, Özel Sayı, Van, 2005, pp. 301 – 311.
18. O.Celebi, K.B.Arikan, Y.S.Unlusoy, I. Korkmaz; Identification of linear bicycle model of an automobile using experimental data, OTEKON'06, 3. Otomotiv Teknolojileri Kongresi , 26 – 28 Haziran 2006, Bursa
19. A.O. Celebi, U. Aksoy; Bir sinif kuvvetli tekil integral operatorler icin norm kestirimleri, XIX.Ulusal matematik sempozyumu, Kutahya, 22 – 25 Agustos 2006,pp.114.
20. A. O. Celebi, U. Aksoy; Schwarz problem for higher – order elliptic complex partial differential equations. Workshop on Differential Equations and its Applications, METU, Feb. 8 -10, 2007.
21. A. O. Celebi; A boundary value problem for Bitsadze equation in Wiener – type domains, Workshop on Differential Equations and its Applications, METU, Feb. 8 -10, 2007.
22. A. O. Çelebi, Umit Aksoy; Bir kompleks integral operatörler sınıfının kompaktlığı, XX. Ulusal Matematik Sempozyumu, Erzurum, 3 – 6 Eylül 2007.
23. A. O. Celebi, U. Aksoy; Neumann problem for generalized Poisson and bi-Poisson equation, Workshop on Differential Equations and its Applications, Pamukkale Univ., April 18 -20, 2008.
24. A. O. Celebi, U. Aksoy; Neumann problem for generalized n-Poisson equation, Workshop on Differential Equations and its Applications, Pamukkale Univ., April 18 - 20, 2008.
25. A. O. Celebi, U. Aksoy; Yuksek basamaktan kompleks diferensiyel denklemler icin Schwarz – Neumann sinir deger problemi, Yeditepe Universitesi Diferensiyel Denklemler Calistayi, Istanbul, 19 – 21 Haziran 2008.

26. A. O. Celebi, U. Yuksel; Differential operators associated to differential equations with anti – monogenic right-hand sides in Clifford Analysis, Yeditepe Universitesi Diferensiyel Denklemler Calistayi, Istanbul, 19 – 21 Haziran 2008.
27. A. O. Celebi, U. Aksoy; Dirichlet problems for generalized n-Poisson equation, Workshop on Differential Equations and its Applications, Sakarya Univ., April 17 -18, 2009.
28. A. O. Celebi, U. Aksoy; Mixed boundary value problems for higher-order complex partial differential equations, Workshop on Differential Equations and its Applications, Sakarya Univ., April 17 -18, 2009.
29. A. O. Celebi, U. Aksoy; Boundary value problems for linear complex partial differential equations, Dinamik Sistemler Calistayi, 18 – 19 Haziran 2009, Izmir.

EDITOR FOR PROCEEDINGS

International

1. Proceedings of the International Symposium on Numerical Analysis; METU, 1989, (with B. Karasözen)
2. Complex Methods for Partial Differential Equations, Int. Soc.Anal.Appl.Comput. Vol. 6 Kluwer, 1999 (with H.G.W. Begehr and W. Tutschke)
3. The 34th IMO: A report on the Inter. Math.Olimp. held in 1993 in Turkey; 1995, (with A. Erkip, S. Koray, A. Topuzoğlu)
4. Snapshots in Applied Complex Analysis; Proceedings of the Workshop on Recent Trends in Applied Complex Analysis, June 1 – 5, 2004, METU, Ankara Turkey (published in J. Appl. Functional Anal. Vol.2) (with H. Begehr and R. P. Gilbert)
5. Further progress in analysis, Proceedings of ISAAC Ankara Congress, Aug. 13 – 18, 2007, METU, Ankara Turkey.

National

1. Türk Matematik Derneği, I. Ulusal Matematik Sempozyumu Bildirileri, Ankara 1988
2. Türk Matematik Derneği, III. Ulusal Matematik Sempozyumu Bildirileri, Van 1990, (with H. Dalgın)
3. Türk Matematik Derneği, IV. Ulusal Matematik Sempozyumu Bildirileri, Antakya 1991
4. Türk Matematik Derneği, V. Ulusal Matematik Sempozyumu Bildirileri, Adapazarı 1992

5. Diferansiyel Denklemler Sempozyumu Bildirileri, Boğaziçi Üniversitesi, İstanbul 1985, (with M. Dikmen)
6. Diferansiyel Denklemler Sempozyumu II. Bildirileri, Boğaziçi Üniversitesi İstanbul 1988. (with M. Dikmen)
7. Diferansiyel Denklemler Sempozyumu III Bildirileri, Trakya Üniversitesi Edirne 1989 (with. M. Dikmen)
8. Türk Matematik Derneği VI. Ulusal Matematik Sempozyumu Bildirileri, Doğu Akdeniz Üniversitesi, Gazi Magusa 1993
9. Diferansiyel Denklemler Sempozyumu IV Bildirileri, 1990, (with V. Cinemre)
10. Türk Matematik Derneği, XI .Ulusal Matematik Sempozyumu Bildirileri, Isparta, 1998
11. Matematik etkinlikleri 2001, Matematik Sempozyumu Bildiriler Kitabı, 24 – 26 Mayıs 2001, Ankara, 2002
(Y.Ersoy, G. Öner ile ortak)

Refereeing

1. Turkish J. Math,
2. H.Ü. Math. Journal,
3. Gazi Üniv. Math. Journal,
4. Dirasat (Jordan)
5. Anadolu University, Journal of Science and Technology
6. Journal of Applied Mathematics (USA),
7. Iranian Journal of Science and Technology, Transaction- A
8. Royal Society, Proceedings – A, (UK)
9. JMAA- (USA)

Conference Organizations:

1. Diferansiyel Denklemler Sempozyumu 9-10 Aralık 1985, B.Ü. İstanbul , Turkey
2. Türk Matematik Derneği I. Ulusal Matematik Sempozyumu, Eylül 1988, METU, Ankara , Turkey
3. Diferansiyel Denklemler Sempozyumu II. Ekim 1988, B.Ü. İstanbul, Turkey
4. Diferansiyel Denklemler Sempozyumu III., 26-28 Ekim 1989, Edirne, Turkey
5. Türk Matematik Derneği III. Ulusal Matematik Sempozyumu, 20-24 Ağustos 1990, Van, Turkey
6. Diferansiyel Denklemler Sempozyumu IV, 24-26 Ekim 1990, ODTÜ, Ankara , Turkey
7. Türk Matematik Derneği, IV. Ulusal Matematik Sempozyumu, Eylül 1991, Antakya, Turkey

8. Diferansiyel Denklemler Sempozyumu V, Eylül 1991, Eskişehir , Turkey
9. Türk Matematik Derneği, V. Ulusal Matematik Sempozyumu, Eylül 1992, Adapazarı , Turkey
10. Diferansiyel Denklemler Sempozyumu VI, Eylül 1992, Ankara Üniv., Ankara , Turkey
11. Uygulamalı Matematik Günleri, Aralık 1992, ODTÜ, Ankara , Turkey
12. Türk Matematik Derneği, VI. Ulusal Matematik Sempozyumu, 8-12 Eylül 1993, Eastern Medditeranian Univ., N.Cyprus
13. Diferansiyel Denklemler Sempozyumu VII, Eylül 1993, İstanbul, Turkey
14. Dinamik sistemlerin matematiksel teorisi ve kısmi diferansiyel denklemler;23-26 Şubat 1994, Edirne , Turkey
15. Lineer olmayan kısmi diferansiyel denklemler teorisine giriş, 11-18 Temmuz 1994, Edirne , Turkey
16. Türk Matematik Derneği, VII. Ulusal Matematik Sempozyumu 29 Ağustos-2 Eylül 1994, Bilkent Univ., Turkey
17. Workshop n nonlinear problems in Mathematical Physics, October 24-29, 1994, Edirne, Turkey
18. Diferansiyel denklemler sempozyumu VIII, 19-21 Eylül 1994, Datça , Turkey
19. Uzayların ve operatörlerin interpolasyonu teorisine giriş 28-30 Nisan 1995, METU, Turkey
20. Diferansiyel Denklemler Sempozyumu IX: 12-14 Eylül 1995, Adapazarı, Turkey
21. Workshop on nonlinear problems in Mathematical Physics II, September 14-18, 1995, Ankara, Turkey
- 22.. Türk Matematik Derneği, VIII. Ulusal Matematik Sempozyumu 19-23 Eylül 1995 Adana , Turkey
23. Dinamik Sistemler Sempozyumu, 8-9 Aralık 1995 Uludağ , Turkey
24. Workshop on nonlinear problems in Mathematical Physics III, June 3-7, 1996, Ankara, Turkey
25. International Workshop on Differential and difference inequalities, July 3-7, 1996, Gebze, Turkey
26. Türk Matematik Derneği IX. Ulusal Matematik Sempozyumu, 2-6 Eylül 1996, İstanbul, İ.T.Ü. , Turkey
27. Diferansiyel Denklemler Sempozyumu X 9-10 Eylül 1996, İstanbul, İ.T.Ü. , Turkey
28. Dinamik Sistemler Sempozyumu 20-21 Aralık 1996, Abant İzzet Baysal Üniversitesi , Turkey
29. Uygulamalı Matematik Günleri 17-21 Şubat 1997 Hacettepe Üniversitesi , Turkey
30. Anatolian Lectures in Dynamical Systems, June 16-20, 1997, Ankara, Turkey
31. Türk Matematik Derneği X. Ulusal Matematik Sempozyumu, 1-5 Eylül 1997, Bolu, Turkey,
32. Sakarya Sempozyumu, 11-13 Eylül 1997, Adapazarı, Turkey
33. Continuum Models and Discrete Systems,9 , July 1-4 , 1998, İstanbul, Turkey
34. Workshop on recent trends in complex methods for partial diff. equations, July 6-10, 1998, Ankara, Turkey
35. Diferansiyel Denklemler Sempozyumu XI, 22-24 Eylül 1997, Trabzon, Turkey
36. XI. Ulusal Matematik Sempozyumu, Isparta. 7-11 Eylül 1998, Turkey

37. Genç arařtırmacılar için uygulamalı matematik günleri, Sivas, 20- 22 Mayıs 1999
38. Genç arařtırmacılar için uygulamalı matematik günleri, Zonguldak, 11-12 Haziran 2000
39. Matematik Etkinlikleri 2000, Ankara, 7-11 Haziran 2000
40. Workshop on Differential Equations and its Applications, İstanbul, September 2000
41. Ankara Mathematical Day; PDE meetings I, Bilkent Univ. February 1, 2001
42. Matematik Etkinlikleri 2001, Ankara, 24-26 Mayıs 2001
43. Palandöken Matematik Günleri , Erzurum, 28-30 Haziran 2001
44. Ankara Mathematical Day; PDE meetings II, METU Univ. March 8, 2002
45. Dinamik Sistemler Sempozyumu IV, İzmir, 8 – 10 Şubat 2002
46. Matematik Etkinlikleri 2002 , Ankara, 5 – 8 Haziran 2002
47. Workshop on Differential Equations and its Applications, İstanbul, September 2002
48. Ankara Mathematical Day; PDE meetings III, Atılım Univ. May 26, 2003
49. Bolu Matematik Günleri, Haziran 2003
50. Ankara Mathematical Day; PDE meetings IV, Gazi Univ. January 22, 2004
51. Dinamik Sistemler Sempozyumu V, 23 – 25 Nisan, 2004, İzmir
52. Workshop on Recent Trends in Applied Complex Analysis, Ankara, June 1 – 5 , 2004
53. International Conference on Inverse Problems : Modeling and Simulation, Fethiye, June 7-11, 2004
54. Ankara Mathematical Days; PDE meetings V, Hacettepe University, April 21, 2005
55. The First International Workshop on Dynamic Equations on Time Scales, June 27 – July 1, 2005, İstanbul
56. Ankara Mathematical Days; PDE meetings VI, Cankaya University, January 30, 2006
57. Inverse problems: Modeling and Simulation, Fethiye, May 29 – June 2, 2006
58. International Workshop on Research in Secondary and Tertiary Mathematics Education; Baskent University, 7 – 11 Temmuz 2006, Ankara
59. Workshop on Differential Equations and its Applications, METU, Feb. 8 -10, 2007.
60. 6th International ISAAC Congress, METU, 13 – 18 August 2007, Member of the L O C.
61. Workshop on Differential Equations and its Applications, Pamukkale Univ., April 18 -20, 2008.
62. International Conference on Inverse Problems : Modeling and Simulation, Fethiye, May 25 - 30, 2008. Chairman of the International Organizing Committee.
63. Yeditepe Üniversitesi Diferensiyel Denklemler Çalıştayı, June 19 – 21, 2008.
64. International Conference on Difference Equations and Applications, Bahcesehir Univ., July 21 – 25, 2008. Member of the International Organizing Committee.
65. The second International Conference “Problems of Cybernetics and Informatics”, Baku, Azerbaijan, September 10 – 12, 2008, Member of the Program Committee.

66. Workshop on Differential Equations and its Applications, Sakarya Univ., April 17 - 18, 2009.
67. Dinamik Sistemler Calistayi, 18 – 19 Haziran 2009, Izmir.
68. İstanbul Conference on Mathematical Methods and Modeling in Life Sciences and Biomedicine, Aug. 17 – 21, 2009, Yeditepe University

GRADUATE STUDENT SUPERVISION

M.Sc.

1. Nuri Ersoy: $\frac{\partial^2 u}{\partial x \partial y} + \frac{\alpha}{x+y} + \frac{\partial u}{\partial x} + \frac{\beta}{x+y} \frac{\partial u}{\partial y} + \frac{\delta}{(x+y)^2} u = 0$ denkleminin incelenmesi, Ankara Univ., 1974
2. Mehmet Çağlıyan: Bölgesel $\bar{\Delta}$ türev ve bölgesel $\bar{\Delta}$ monogen fonksiyonlar, Ankara Univer., 1975
3. Ömer Akın: Üç boyutlu alt $\bar{\Delta}$ harmonik fonksiyonlar, Fırat Univer., 1979
4. Ethem Anar: Genelleştirilmiş bi-eksensel simetrik Helmholtz denklemi, Ankara Univ., 1979
5. Kerim koca: Sözde Analitik Fonsiyonlar, Ankara Univ., 1982
6. Olcay Arslan: Genelleştirilmiş eksensel ve bi-eksensel simetrik Helmholtz denklemi, Cukurova Univ., 1986
7. Sadık Çelik: Frechet uzayında differensiyel hesap, Ankara Univ., 1985
8. Nevin Kargı: Monge-Ampere denklemi için Dirichlet problemi, Anadolu Univ., 1987
9. Necdet Çatalbaş: n değişkenli $\bar{\Delta}$ biharmonik fonksiyonlar için Pizetti açılımı, Gauss ve Levi teoremleri, Fırat Univ., 1986
10. Nuri Çimen: Sonlu eleman yöntemi ile çözümlerde yanılğı analizi, Ankara Univ., 1986
11. Faramarz Tahamtani: The Dirichlet problem for the biharmonic equation in a C domain in the plane, 1988, METU
12. Sare Şengül: Bauer operatörleri yardımıyla $Wz+AWz+BWz+DW=0$ formundaki denklemlerin çözümlerinin incelenmesi, Ankara Univ., 1990
13. Uğur Yüksel: Genelleştirilmiş Analitik Fonksiyonlar için Cauchy-Kowalewski Teoremi, Ankara Univ., 1990
14. Mehmet Büge: Solution of an eigenvalue problem encountered in quantum physics, 1995, METU (Co-Supervisor: Kemal Leblebicioğlu)
15. Davut Uğurlu: Continuous and discontinuous solutions of the homogeneous non-linear partial differential equations of hyperbolic type, 1995, METU (Co- Supervisor: Barat Nuriyev)
16. Celil Ekici, Dynamics of structured populations and optimal harvesting model, 1995, METU (Co-Supervisor: Billur Kaymakçalan)
17. Ahmet Duran, Asymptotic behaviour of solutions of semilinear heat equations with source, 1998, METU

18. Abdullah Özbekler, On blow up solutions of second order nonlinear parabolic equations, 1999, METU
19. Ümit Aksoy, On a boundary value problem for generalized analytic functions, 2000 , METU
20. Arzu Baysal, Inverse problems for parabolic equations, 2004, METU
21. Ozge Ozer, Energy Bounds for some Non-standard problems in Partial Differential Equations, 2005, METU

Ph. D.

1. Nuri Ersoy: Bir hiperbolik denklem sınıfının incelenmesi, Ankara Univ., 1978
2. Mehmet Çağlıyan: Bölgesel \bar{h} monogen fonksiyonlar, Ankara Univ., 1978
3. Ömer Akın: Alt \bar{h} armonik fonksiyonlar Fırat Univ., 1984
4. Necati Muhafız: Bir eliptik diferensiyel denklem sınıfının integral operatörler yöntemiyle incelenmesi, Ankara Univ., 1981
5. Haroun Rabadi: Tekil katsayalı eliptik denklem sınıfları ve yansıma ilkesi, Ankara Univ.,1983
6. Kerim Koca:Sözde analitik fonksiyonlar, Ankara Univ., 1987
7. Ethem Anar: Genelleştirilmiş çok simetrik Helmholtz denklemi, Ankara Univ., 1982
8. Tanıl Ergenç: An evolution operator approach for solving initial value problems, 1988, METU (Co-Supervisor:Metin Demiralp)
9. Kemal Leblebicioğlu: Optimal control in non-linear elliptic systems, 1988 , METU
10. Aydan Pamir:An algebraic method in solving eigenvalue problems, 1992, METU (Co-Supervisor:Metin Demiralp)
11. Faramarz Tahamtani:The behaviour of solutions of fourth-order nonlinear elliptic equations in unbounded domains, 1993 METU
12. A.Feza Güvenilir:Yarılineer eliptik denklemlerde çözümlerin varlığı, Ankara Univer., 1995
13. Mustafa Polat: Global attractor for generalized Benjamin-Bona-Mahony equation, 1999, METU (Co-supervisor: V. Kalantarov)
14. Davut Ugurlu: Global behavior of solutions of the Brinkmann - Forchheimer equations, 2001, METU (Co – supervisor: V. Kalantarov)
15. Mujdat Kaya : Inverse problems for a semi linear heat equation with memory, 2005, METU (Co – supervisor: V. Kalantarov)
16. Umit Aksoy; Schwarz problem for complex partial differential equations, 2006, METU.

TEACHING

Graduate Courses

1) in METU

Math 563	Subharmonic functions,
Math 579 – 580	Applied Functional Analysis I- II,
Math 583 – 584	Partial Differential Equations I-II,
Math 587	Ordinary Differential Equations
Math 680	Elliptic Differential Equations,
Math 698	Potential Theory

2) in Yeditepe University

Math 541	Ordinary Differential Equations
Math 542	Partial Differential Equations I
Math 544	Topics in Applied Mathematics
Math 643	Partial Differential Equations II

Undergraduate Courses

1) in METU

Math 253 , 254	Differential Equations,
Math 255, 258	Differential Equations I-II,
Math 219	Differential Equations,
Math 260	Basic Linear Algebra
Math 358	Partial Differential Equations.
Math 487 ,488	Applied Mathematics I-II,
Math 489	Dynamical Systems

2) in Yeditepe University

Math 241	Differential Equations
Math 245	Ordinary Differential Equations
Math 246	Adv. Ordinary Differential Equations
Math 343	Partial Differential Equations
Math 445	Calculus of Variations

OTHER CONTRIBUTIONS TO SOCIETY AT LARGE

1. Contributed to the preparatory courses for the International Mathematical Olympiads of 1985 – 1992 and participated to the Olympiads as Team Leader.
2. Executive Secretary of the 34. International Mathematical Olympiad held in İstanbul, 1993.
3. Organized Graduate Summer Schools in 1983, 1984, 1985 (Supported by TUBITAK)

CURRENT RESEARCH INTERESTS

Pseudoholomorphic functions and partial complex differential equations,
Nonlinear ordinary and partial differential equations; inverse problems