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PERSONAL

Date of Birth	June 24 , 1955
Place of Birth	Manisa

EDUCATION

1988	Middle East Technical University, Mathematics, Ph.D.
1981	Middle East Technical University, Mathematics, M.S.
1978	Middle East Technical University, Mathematics, B.S.

ACADEMIC POSITIONS

09/2006	Professor, Department of Mathematics, Atılım University, Turkey
7/1997-9/2006	Associate Professor, Department of Mathematics, Middle East Technical University, Turkey
2/1989-7/1997	Assistant Professor, Department of Mathematics, Middle East Technical University, Turkey
2/1986-2/1989	Instructure, Department of Mathematics Middle East Technical University, Turkey
04/1978-02/1986	Research Assistant, Department of Mathematics, Middle East Technical University, Turkey

ADMINISTRATIVE DUTIES

02/2010-02/2019	Chairman , Department of Mathematics, Atılım University
08/2002-09/2006	Associate Director , Institute of Applied Mathematics ,Middle East Technical University
03/1993-11/1995 11/1996-04/2001	Vice Chair , Department of Mathematics ,Middle East Technical University

RESEARCH INTERESTS

1	Numerical Solutions of Differential Equations
2	Ordinary Differential Equations , Dynamical Systems

PUBLICATIONS

1	M.U.Akhmet,C.Büyükadalı,T.Ergenç "Periodic solutions of the hybrid system with small parameter.", Nonlinear Analysis:Hybrid Systems .Vol 2 , pp. 532-543 ,2008
2	M. U. Akhmet, M. Beklioğlu, T. Ergenç , V. I. Tkachenko, <i>On impulsive ratio-dependent predator-prey system with diffusion</i> , Nonlinear Analysis: Real World Applications 7 pp. 1255 – 1267, 2006.
3	Tsybulin V. G., Karasözen B., Ergenç, T. , <i>Selection of steady states in planar Darcy convection</i> , Physics Letters A, Vol. 356, pp. 189-194, 2006.
4	T. Ergenç , B. Karasözen, <i>Poisson integrators for Volterra lattice equations</i> , Applied Numerical Mathematics, Vol. 56, pp. 879-887, 2006.
5	A. Yazici, I. Altas, and T. Ergenç , <i>2d Polynomial Interpolation: A Symbolic Approach with Mathematica</i> , Lecture Notes in Computer Science (LNCS), Eds. Gervasi, O. et al., Springer-Verlag, Vol. 3482, pp.463-471, 2005.
6	G.-W. Weber, T. Ergenç , <i>Modelling and prediction of gene-expression patterns reconsidered with Runge-Kutta Discretization</i> , Journal of Computational Technologies, Vol 9 No 6 ,pp40-47 ,2004.
7	T. Ergenç , S. W. Pickl, N. Radde, G.-W. Weber, <i>Generalized semi-infinite optimization and anticipatory systems</i> , International Journal of Computing Anticipatory Systems Vol 15, pp 3-30 ,2004.
8	A. Yazıcı, T. Ergenç , İ. Altaş, <i>Symbolic Interpolation using Mathematica</i> , Lecture Notes in Computer Science(LNCS), Vol.3039, Part IV, pp. 365-370, 2004.
9	A. Yazıcı, T. Ergenç , İ. Altaş, <i>Romberg Integration: A Symbolic Approach with Mathematica</i> , Lecture Notes in Computer Science, 2657, pp. 691-700, 2003.
10	Ergenç, T. , Hasçelik Ali İhsan, <i>Order of Convergence of Evolution Operator Method</i> , International Journal of Computer Mathematics, Vol. 70, pp. 279-288, 1998.
11	T. Ergenç B. Karasözen, S. Piskarev, <i>Approximation of semilinear Cauchy problem for the second order equations in banach Spaces</i> , Nonlinear Analysis: Theory, Methods and Applications, vol. 28, no. 7, 1157-1165, 1997
12	T. Ergenç , B. Karasözen, <i>Runge Kutta collocation methods for rigid body Lie-Poisson equations</i> , International Journal of Computer Mathematics, Vol. 62, pp. 63-71, 1996.
13	Ergenç, T. , Demiralp, M., <i>Formulation of Some Gaussian Integrals over R^n via Generating Functions</i> , International Journal of Comput. Math., Vol.54 pp.239-248, 1994.

PROJECTS

1	Milli Eğitim Bakanlığı Öğrenci Başarısına İlişkin Durum Belirleme Projesi ,2003
2	Sürekli Dinamik Sistemler Teorisinin geliştirilmesi ve Mekanik ve Elektroniğe Uygulaması. 2006-2008. TÜBİTAK, Proje no:106T418

CONFERENCE PRESENTATIONS

1	M.Tastan, T.Ergenc, S.W.Pickl , G.W.Weber Stability analysis of gene expression patterns by dynamical systems and a combinatorial algorithm. HIBIT- Proceedings of International Symposium on Health Informatics ,Turkey, pp.67-75 , 2005
2	Hasçelik, A.İhsan, Ergenç T., On the Order of Convergence of Evolution Operator Approach, V.Ulusal Matematik Sempozyumu Bildirileri, 51-58,1992
3	Ergenç, T., Demiralp, M., An Evolution Operator Approach for the Numerical Solution of Linear O.D.E. Systems, Proceedings of the Int. Symposium on Numerical Analysis METU, Ankara, Turkey, pp.141-152 ,1989.
4	Ergenç, T., Demiralp, M., “Computational Difficultien of Evolution Operator Approach”, Proceedings of the Symposium on Numerical Analysis and its applications METU-Ankara, pp.94-108 ,1986

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	72
H-index (ISI Web of Science):	3

COURSES GIVEN

1	Calculus I - II
2	Mathematical Analysis
3	Differential Equations for Engineering Students
4	Differential Equations for Mathematics Students
5	Numerical Analysis
6	Numerical Linear Algebra (Graduate Course)
7	Numerical Solutions of Differential Equations (Graduate Course)

THESES SUPERVISED

1	PhD Thesis: “Order of Convergence and Stability of Evolution Operator Method”, Hasçelik, Ali İhsan, METU, 1994.
2	MS Thesis, Yield Curve Estimation by Spline – Based Models ,.Baki İsa, METU,2006
3	MS Thesis Numerical solutions of two point boundary value problems.,. Karakaş, Özlem, METU,1992
4	<i>MS Thesis</i> :Numerical solutions of the Lorenz and Van der Pol equations by evolution operator method, . Aladl, Usef Emhamed , METU 1992.
5	<i>MS Thesis</i> : Evolution operator approach for solving linear ordinary differential equations and computation of Exp (A), . Azzam, Abdelnasser METU 1991.