

PERSONAL DATA

Full Name : Derviş Subaşı
Date and Place of Birth : 1965, Larnaca
Nationality : TRNC
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ACADEMIC QUALIFICATIONS

- **1997 PhD** in Mathematics, **EMU,TRNC**
- **1992 MS** in Mathematics, **EMU,TRNC**
- **1989 BS** in Electrical and Electronic Eng., **EMU,TRNC**

WORK EXPERIENCE

- **1990-1997** Research Assistant, Dept. of Mathematics, **EMU Famagusta.- TRNC**
- **1999-2012 Asst. Prof. Dr.**, Dept of Mathematics, **EMU Famagusta.- TRNC**
- **2012-2017 Assoc.Prof. Dr.** Dept of Mathematics, **EMU Famagusta.- TRNC**

LANGUAGES

Turkish (native), English (excellent)

OCCASIONAL USE OF COMPUTERS

Microsoft word, Scientific Work Place, Scientific Word, Latex, Fortran, Matlab an etc..

FIELD OF RESEARCH INTEREST

- Numerical solution of PDE
- ILU Decomposition Method
- Multigrid Method
- Fractional Splitting, Additive Splitting
- Numerical Solutions of Parabolic Inverse Problems

COURSES THAT I HAVE TAUGHT

- MATH203-Ordinary Differential Equations
- MATH252-Mathematical Methods for Engineers
- MATH373-Numerical Analysis for Engineers
- MATH378-Numerical Analysis
- MATH150-Calculus with Pre Calculus
- MATH151-Calculus I
- MATH152-Calculus II
- MATH201- Differential Equation and Linear Algebra
- MATH569 Numerical Linear Algebra
- MATH578- Theory of finite difference Scheme (Msc Course)
- MATH572- Computational Methods in Partial Differential equations for Science and Engineering

M.Sc. STUDENTS

1. Cemaliye N. Gezer “**Numerical Solution of One Dimensional Parabolic Inverse Problem**”, 2005, Spring.
2. Pembe Yesilada “**Comparative Study of Six Explicit and Two Implicit Finite Difference Scheme for Solving one Dimensional Parabolic PDE.**”, 2005, Spring.
3. Zana Salahalden Rashid Zangana” **Numerical Solution of Diffusion Equation in One Dimension**”, 2014, Spring.
4. Yousif Ahmed Qahraman” **Basic Iterative Method for Solving Elliptic Partial Differential Equation**”, 2015, Spring.
5. Kabiru Garba Ibrahim “ **Determination of an Unknown Diffusion Coefficient in a Parabolic Inverse Problem**”, 2016, Spring.

LIST OF PUBLICATIONS

1. Suzan C. Buranay , D. Subasi, Ovgu C. Iyikal ; “ **On the two Classes of High – Order Convergent Methods of Approximate Inverse Preconditioners for Solvin Linear Systems**”. Numerical Linear Algebra with Applications, Accepted 19 May 2017, DOI:10.1002/nla.2111
2. Dosiev A. A., Suzan C. Buranay , D. Subasi; “ **The Highly Accurate Block-Grid Method in Solving Laplace’s Equation for Nonanalytic Boundary Condition with Corner Singularities**” . Computer & Mathematics with Applications, Vol. 64 Issue 4 , Pages 616-632, 2012
3. Dosiev A. A., Suzan C. Buranay , D. Subasi; “ **The Block Grid Method for Solving Laplace’s Equation on Polygons with Nonanalytic Boundary Conditions**”. Boundary Value Problems, Article number 468594, 2012

4. Daoud S. Daoud and D. Subaşı, “ **A Splitting up Algorithm for the Determination of the Control Parameter in Multi Dimensional Parabolic Problem**” , Applied Mathematics and Computation, vol. 166,584-595,2005
5. Daoud S. Daoud and D. Subaşı, “**A parallel Splitting up algorithm of an unknown coefficient in multidimensional parabolic problem**” , Lecture Notes In Computer Science, 3037:582-585 ,2004
6. Daoud S. Daoud and D. Subaşı, “**A Fractional Splitting Algorithm for Nonoverlapping Domain Decomposition for Parabolic Problem**”, Numerical Methods for Partial Differential Equations, vol 18, pp 609-624 , 2002.
7. Daoud S. Daoud and D. Subaşı,” **The Preconditioning of Explicit Group-2 Point Linear Systems With 5 and Block Diagonal**”, Intern. J. Computer Math., vol 66, pp 311-324, 1996
8. Daoud S. Daoud and D. Subaşı,” **FMG cycle with the Preconditioning Explicit Group-2 linear Systems**”, Intern. J. Computer Math., vol 64, pp 263-272, 1996
9. Daoud S. Daoud and D. Subaşı,” **Incomplete Decomposition of Explicit Group-2 Matrices with 5 and 9 Block Diagonal**”, Intern. J. Computer Math., vol 57, pp 183-195, 1995
10. Z. Mazhar, Daoud S. Daoud and D. Subaşı,” **On the Preconditioning Conjugate Gradient Method for the Solution of 9 point Elliptic Difference Equations**”, Intern. J. Computer Math., vol 52, pp 171-183, 1994

SERVICE FOR THE UNIVERSITY

- 2008-2009 Member of the Student Disciplinary Committee
- 2004-2005 Executive Board Member of ATRDI
- 2004-2005 Executive Board Member of ATRDI
- 2004-2005 Executive Board Member of EMC-EMPS
- 2004-2005 Member of the Academic Personal Disciplinary Committee
- 2004-2005 Academic Coordinator
- 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, Member of the Exam Committee Of The EMU.
- 2003-2015 Member of the Graduate Committee (Mathematics Department)
- 2000-2004 Member of the Computer Committee (Mathematics Department)
- 2015-2017 Student Affairs Coordinator

SERVICE FOR THE COMMUNITY

- Member of Chamber of Electrical Engineers 1989-
- Head of school Family Union (EMPS) 2003-2004

