

CURRICULUM VITAE

PERSONAL DETAILS

Surname : GÜRBÜZ

Name : NİL

Date of birth : 1-9-1974

Place of birth : Famagusta, North Cyprus

Nationality : T.R.N.C.

Status : Married

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EDUCATIONAL BACKGROUND

1986-1992 Famagusta Türk Maarif College

1992-1996 B. Sc. in **Applied Mathematics and Computer Science** (with 2nd highest CGPA 3.69) Eastern Mediterranean University.

1996-1998 M.Sc. at the **Department of Applied Mathematics and Computer Science in E.M.U.** (M.Sc. Thesis in the field of Numerical Analysis, titled ‘ *Polynomial Preconditioning of Conjugate Gradient Method* ’)

2000-2002 Phd. at the **Department of Mathematics in University of Wisconsin Milwaukee (U.W.M.), Wisconsin , USA.**

(all the necessary courses are taken and the Phd Qualification Exam is passed)

2002 October Transferred to phd program at Mathematics Department at E.M.U.

(Because of my father’s illness)

To work on phd thesis in the field of Numerical Analysis.

2009 August Graduated from phd program at Mathematics Department at E.M.U.

(Thesis titled ‘ *Parallel Additive Operator Splitting Methods for Parabolic and Navier- Stokes Equations* ’)

WORKING EXPERIENCE

- 1996-1998** Full-time research assistant at Dept. of Applied. Math. And Comp. Science, E.M.U.
- 1998-1999** Part-time Mathematics / Computer Teacher at Eastern Mediterranean College.
- 1999-2000** Part-time lecturer at Dept. of Applied Math. And Comp. Science at E.M.U.
- 2000-2002** Full-time teaching assistant at the Department of Mathematics in University of Wisconsin Milwaukee, USA.
Teaching courses: Linear Algebra, Analytic Geometry, Trigonometry, Calculus , etc.
- 2002-2007** Full-time research assistant at Dept. of Applied. Math. And Comp. Science at E.M.U.
- 2007-2015** Part-time lecturer at Dept. of Applied Math. And Comp. Science at E.M.U.

Teaching courses: MATE 107, MATE 153, MATE 154, MATE 122, MATE 203, MATE 218, MATH 103, MATH 104, MATH 106, MATH 111, MATH 112, MATH 133, MATH 155, MATH 165, MATH 166, MATH 167, MATH 191, MATH 151, MATH 203, MATH 201, MATH 241, MATH 373
e.t.c.

PUBLICATIONS

- Daoud S. Daoud and Nil Gürbüz , *Time lagging and explicit interface prediction for non-overlapping domain decomposition with parallel additive splitting method for multi dimensional parabolic problem*, Applied Mathematics and Computation, 186, (2007) , 1094-1103.
- Daoud S. Daoud and Nil Gürbüz., *Time Lagging Interface Prediction-Correction Method for the solution of multi dimensional parabolic problem*, IAENG International Journal of Applied Mathematics, 38:1, IJAM_38_1_02 (online publication 19 February 2008).

SUBMITTED PAPERS

- L.B.Y. Aldabbagh , Nil Gurbuz, *Non iterative parallel solution algorithm for the momentum equations of the Navier-Stokes problem .*
- Nil Gurbuz, L.B.Y. Aldabbagh, *High order schemes and additive operator splitting for Navier-Stokes problem.*

CONFERENCES ATTENDED

- 12th International Congress on Computational and Applied Mathematics (**ICCAM 2006**), held in Leuven , **Belgium**, 10-14 July 2006.
- The 2007 International Conference of Applied and Engineering Mathematics (**ICAEM 2007**) , World Congress on Engineering 2007, held in **London**, 2-4 July 2007.
- 7th International Conference on Computational Heat and Mass Transfer (**ICCHMT 2011**), Istanbul, **Turkey**, July 18-22, 2011.

COMPUTER SKILLS

- Fortran, Tecplot, Latex , Excel, Microsoft Word

LANGUAGES

- Turkish (Mother-tongue), English (Fluent), German (Basic)

ACTIVITIES AND INTEREST

I enjoy cinema, reading, cooking, walking, listening to music and keep fit classes.