# **CURRICULUM VITAE**

- 1. Name Surname: Meseret Tuba Gülpınar
- 2. Date of Birth: 18/05/1978
- 3. Affiliation: Assistant Professor

#### 4. Education:

Degree	Department	University	Year
Bachelor	Math. Education	Marmara University	2001
Master	Applied Mathematics	Marmara University	2004
Ph.D.	Mathematics	Yıldız Technical University	2010

### 5. Academic Titles:

Title	Discipline	University	Year
Assistant	Mathematics	Istanbul Arel University	2010
Professor			
Associate			
Professor			
Professor			

#### 6. Supervised Master and Ph.D. Thesis

### 6.1 The Subject of the Master Thesis

### 6.2 The Subject of the Ph.D. Thesis

### 7) Publications

#### 7.1 International Publications

Nuran Güzel, Meseret Tuba Oylumlu, "Numerical Solution of Isothermal Gas Sphere Problem", International Journal of Computational Methods, Vol. 4(1), 2007, pp.163-171

Meseret Tuba Gülpınar, Mustafa Bayram, "Global Asymptotic Stability for a Fourth-Order Rational Difference Equation" Discrete Dynamics in Nature and Society, Vol. 2009, No. 616982, Jun. 2009, pp. 7 pages

Meseret Tuba Gülpınar, Mustafa Bayram, "On The Dynamics of  $x_{n+1} = \frac{x_{n-3}^2 x_n + x_n + 2x_{n-3} + a}{x_{n-3}^2 + 2x_n x_{n-3} + 1 + a}$ ",

Applied Mathematical Science, Vol 4, 2010, no 60, 2999-3004

# 7.2 International Oral Presentations & Written Bulletins

Meseret Tuba Gülpınar, Caner Gülpınar, Metin Demiralp, "Experimentations on the Gaussian Wave Type Basis Set for the Matrix Representations of Certain Univariate Functions", Mathematical Methods and Applied Computing, Vol. 1, 2009, pp. 406-412

Caner Gülpınar, Meseret Tuba Gülpınar, Metin Demiralp, "Experimentations on the Associate Laguerre Basis Set for Certain Univariate Function Matrix Representations", Mathematical Methods and Applied Computing, Vol. 1, 2009, pp. 413-418

Meseret Tuba Gülpınar, Caner Gülpınar, Metin Demiralp, "Exponentially Supported Polynomial Basis Set Using Fluctuation Free Integration in the Taylor Expansion Remainder Term Evaluation", International conference of Computational Methods in Science and Engineering 2009, 28/09/2009-04/10/2009, Rodos, Yunanistan (AIP Conf. Proc. 1504, 820 (2012))

Caner Gülpınar, Meseret Tuba Gülpınar, Metin Demiralp, "Taylor Series Expansion with the Fluctuation Freely Approximated Remainder over Gauss Wave Type Basis Functions", International conference of Computational Methods in Science and Engineering 2009, 28/09/2009-04/10/2009, Rodos, Yunanistan (AIP Conf. Proc. 1504, 816 (2012))

# 7.3 International Books / Chapters of Books

- 7.4 National Journal Publications
- 7.5 National Oral Presentations & Written Bulletins
- 7.6 National Books / Chapters of Books
- 7.7 Other Publications
- 8.Projects
- 9. Administrative Tasks:
- **10. Occupational Memberships:**
- **11.Awards**