

CURRICULUM VITAE

Name / Surname: Pembe Sabancıgil Özder

Personal Information:

Sex: Female

Nationality: Turkish Cypriot (TRNC)

Date / Place of Birth: 30 August, 1980 / Lefkosa (TRNC)

Native Language: Turkish

Foreign Language: English

Marital Status: Married

Title: Assistant Professor

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Education

High School :

19 Mayıs Turk Maarif College, Girne.

Undergraduate :

Eastern Mediterranean University, (1997-2001)

Applied Mathematics & Computer Sciences, **BSc.**

C.G.P.A: 3.76

Graduate :

1. Eastern Mediterranean University, (2001-2003)

Mathematics Education, Educational Sciences

C.G.P.A: 3.80

2. Eastern Mediterranean University, (2003-2005)

Applied Mathematics (Statistics), **Msc.**

(*Thesis*: An Overview of Some Spatial Functions and Kriging with Applications)

C.G.P.A: 3.47

3. Eastern Mediterranean University, (2005- 2009)

Mathematics, **PhD.**

(*Thesis*: Bernstein Type Operators Based on q -Integers)

C.G.P.A: 3.84

List of Publications (Mathematics)

1. Mahmudov, N. I. and Sabancıgil, P., q -parametric Bleimann Butzer and Hahn operators, Journal of Inequalities and Applications, Art. ID 816367, 15 pp, 2008.
2. Sabancıgil P., Higher order generalization of q -Bernstein operators, Journal of Computational Analysis and Applications, vol.12, no.4, pp. 821-827, 2010.
3. Mahmudov, N. I. and Sabancıgil, P., Some Approximation Properties of q -parametric BBH Operators, Journal of Computational Analysis and Applications, vol.12, no.1, pp. 111-123, 2010.
4. Mahmudov, N. I. and Sabancıgil, P., On genuine q -Bernstein-Durrmeyer operators, Journal of Publicationes Mathematicae Debrecen, vol.76, 2010 .
5. Mahmudov, N. I., Özarslan M.A. and Sabancıgil, P., I -Approximation Properties of Certain Class of Linear Positive Operators, Studia sci. Math Hungarica, vol.48, pp. 205-219, 2011.
6. Mahmudov, N. I. and Sabancıgil, P., A q -analogue of the Meyer-König and Zeller operators, Bulletin of the Malaysian Mathematical Sciences Society, (2) 35(1), pp. 39–51, 2012.
7. Mahmudov, N. I. and Sabancıgil, P., Voronovskaja Type Theorem for the Lupaş q -analogue of the Bernstein operators, Mathematical Communications, vol.17, pp. 83-91, 2012.
8. Mahmudov, N. I. and Sabancıgil, P., Approximation Theorems for q -Bernstein-Kantorovich Operators, Filomat, vol.27:4, pp. 721-730, 2013.

List of Publications (Educational Sciences)

1. Özder, H., Konedralı, G. and Sabancıgil P., KKTC'de okulöncesi öğretmenliği programının değerlendirilmesi, International Journal of New Trends in Arts, Sports & Science Education - volume 2, issue 2, 2013.
2. Özder, H., Konedralı, G. and Sabancıgil, P., Öğretmen Adaylarının Bilgisayar Öz-Yeterlik Algılarının İncelenmesi: (KKTC Örneği). İnönü Üniversitesi Eğitim Fakültesi Dergisi, vol 11 (1), 2010.

Conferences

1. Mahmudov, N. I. and Sabancıgil, P., Approximation Results for q -parametric BBH Operators, In Proceedings of The 2009 International Conference of Applied and Engineering Mathematics, London, UK, pp.1035-1039, July 2009.
2. Mahmudov, N. I. and Sabancıgil, P., q -parametric Bleimann Butzer and Hahn operators, 4th International Conference on Mathematical Analysis, Differential Equations and Their Applications, Gazimagusa, TRNC.
3. Konedralı, G., Özder, H. ve Sabancıgil, P., KKTC'de Hazırlanan Yeni Türkçe Ders Kitaplarının Değerlendirilmesi. Uluslararası Kıbrıs Üniversitesi 2. Uluslararası Türkçe Eğitimi ve Öğretimi Sempozyumu (2009).
4. Özder, H., Konedralı, G., Sabancıgil P., KKTC'de Okulöncesi Öğretmenliği Programının Değerlendirilmesi, New Trends on Global Education Conference, North Cyprus (2011).

Projects

Scientific Research Project (BAP-0804), T.R/T.R.N.C.
Project Title: q -Parametric Positive Linear Operators
Director of the Project: Prof. N. I. Mahmudov

Academic Experience

Work Experience:

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| September 2001 - February 2005: | Full-Time research assistant at Mathematics Department at Eastern Mediterranean University. |
| February 2005 - July 2005: | Part-Time instructor at Mathematics Department at Eastern Mediterranean University. |
| September 2005 - August 2009: | Full-Time research assistant at Mathematics Department at Eastern Mediterranean University. |
| September 2009 - July 2015: | Part-Time instructor at Mathematics Department at Eastern Mediterranean University. |
| September 2010 - June 2015: | Hour-based contracted instructor at Mathematics Teacher Education Program at Near East University. |
| September 2015-present: | Assistant Professor of Mathematics at Mathematics Department, Eastern Mediterranean University. |

Courses Taught

- Mate 202, Differential Equations II
- Mate 411, Orthogonal Polynomials
- Mate 303, Differential Geometry I
- Mate 304, Differential Geometry II
- Math 323, Probability Theory
- Math 322, Probability and Statistical Methods
- SPSS
- Math 324, Statistics
- Math 328, Introduction to Geostatistics
- Math 211, Introduction to Statistics
- Mate 401, Abstract Algebra I
- Mate 402, Abstract Algebra II
- Math 106, Linear Algebra
- Mate 315, Analysis 3
- Math 161, Mathematical Logic of Computers
- Mate 320, Analytic Geometry
- Math 122, Analysis I
- Math 163, Discrete Mathematics
- Math 261, Discrete Mathematics II
- Math 167, Mathematics for Social Sciences
- Math 168, Introduction to Mathematics
- Bilg 101, Introduction to Computers
- Math 105, Mathematics for Economists
- Mate 107, Introduction to Mathematics