Prof. AYŞE NEŞE DERNEK

Personal Information

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Education Information

Postgraduate, Istanbul University, Faculty Of Science, Department Of Mathematics, Turkey 1978 - 1981
Undergraduate, Istanbul University, Faculty Of Science, Department Of Mathematics, Turkey 1972 - 1976

Dissertations

Doctorate, Bir Hiperbolik Denklem için Cauchy Probleminin Çözümü Üzerine, İstanbul Üniversitesi, 1984
Postgraduate, Distribüsyonlar Teorisi ve Kısmi Türevli Diferansiyel Denklemler Teorisindeki Uygulamaları, İstanbul Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1981

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 2017 - Continues
Associate Professor, Marmara University, Faculty of Arts and Sciences, 2011 - Continues
Assistant Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 1985 - Continues

Academic and Administrative Experience

Marmara University, Faculty of Arts and Sciences, Mathematics, 2018 - Continues
Marmara University, Faculty of Arts and Sciences, Mathematics, 2017 - Continues
Marmara University, Faculty of Arts and Sciences, Mathematics, 2016 - Continues
Marmara University, Faculty of Arts and Sciences, Mathematics, 1987 - 2000

Advising Theses

DERNEK A. N., Laplace ve l2 dönüşümleri ile kısmi türevli denklemlerin çözümleri, Postgraduate, F.Aylıkçı(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

I.   **New Identities on Some Generalized Integral Transforms and their Applications**

AYLIKCI F., Dernek N., Balaban G.

Filomat, vol.36, no.9, pp.2947-2960, 2022 (SCI-Expanded)

II. **On some generalized integral transforms and Parseval-Goldstein type relations**

Albayrak D., Dernek N.

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.2, pp.526-540, 2021 (SCI-Expanded)

III. **Some identities on fractional integrals and integral transforms**

DERNEK A. N., Bozkurt G.

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.49, no.1, pp.8-18, 2020 (SCI-Expanded)

IV. **Theorems on Some Families of Fractional Differential Equations and Their Applications**

Dernek A. N., Bozkurt G., Albayrak D.

APPLICATIONS OF MATHEMATICS, vol.64, no.5, pp.557-579, 2019 (SCI-Expanded)

Books & Book Chapters

I. **Kısmi Türevli Denklemler ve Çözümlü Problemler**

DERNEK A. N.

Nobel Yayınevi, Ankara, 2014

II. **Reel Analiz Çözümlü Problemler**

DERNEK A. N.

Nobel yayınevi, 2013

Metrics

Publication: 50

Citation (WoS): 55

Citation (Scopus): 39

H-Index (WoS): 4

H-Index (Scopus): 4