Dr. Öğr. Üyesi ERCAN GÜRVİT

Kişisel Bilgiler

E-posta: ercan.gurvit@marmara.edu.tr
Web: https://avesis.marmara.edu.tr/ercan.gurvit

Biyografi

Ercan GÜRVIT 1962 yılında Istanbul'da dogdu. 1981 yılında Özel Saint-Joseph Fransız Erkek lisesinden, 1989 yılında Bogaziçi Üniversitesi Idari BilimlerFakültesi Isletme Bölümü Ön Lisans programından mezun oldu. Devamında 2007 yılında Marmara Üniversitesi Fen-Edebiyat Fakültesi Matematik Bölümü'nden ve 2009 yılında da Marmara Üniversitesi Fen-Bilimleri Enstitüsü Matematik Anabilim Dalı Uygulamalı Matematik programından Yüksek Lisans mezuniyetini aldı. 2020 yılında Marmara Üniversitesi Fen-Bilimleri Enstitüsü Matematik Anabilim Dalı Uygulamalı Matematik programından Doktora mezuniyetini aldı.

Eğitim Bilgileri

Doktora, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Türkiye 2009 - 2020
Yüksek Lisans, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Türkiye 2007 - 2009
Lisans, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2000 - 2007
Ön Lisans, Boğaziçi Üniversitesi, İktisadi Ve İdari Bilimler Fakültesi, İşletme Bölümü, Türkiye 1983 - 1988

Yabancı Diller

Almanca, B1 Orta
Fransızca, C2 Ustalık
İngilizce, C2 Ustalık
İtalyanca, A2 Temel

Araştırma Alanları

Matematik, Temel Bilimler

Akademik Unvanlar / Görevler

Öğretim Görevlisi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, 2014 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **The fluctuationlessness approach to the numerical integration of functions with a single variable by integrating Taylor expansion with explicit remainder term**
Baykara N. A., GÜRVİT E., Demiralp M.

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **Multivariate Numerical Integration via Fluctuationlessness Theorem: Case Study**
Baykara N. A., GÜRVİT E.
11th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences (ICNPAA), La Rochelle, Fransa, 4 - 08 Temmuz 2016, cilt.1798

II. **Recovery of Missing Data via Wavelets Followed by High-Dimensional Modeling**
GÜRVİT E., Baykara N. A.
11th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences (ICNPAA), La Rochelle, Fransa, 4 - 08 Temmuz 2016, cilt.1798

III. **Separate Node Ascending Derivatives Expansion (SNADE) for Univariate Functions: Univariate Numerical Integration**
Baykara N. A., GÜRVİT E.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Yunanistan, 22 - 28 Eylül 2014, cilt.1648

IV. **Separate Node Ascending Derivatives Expansion (SNADE) for Univariate Functions: Node Optimization via Partial Fluctuation Suppression**
GÜRVİT E., Baykara N. A.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Yunanistan, 22 - 28 Eylül 2014, cilt.1648

V. **Univariate Function Decomposition Via Tridiagonal Vector Enhanced Multivariance Products Representation (TVEMPR)**
GÜRVİT E., Baykara N. A., Demiralp M.
International Conference on Mathematics and Computers in Sciences and in Industry (MCSI), Varna, Bulgaristan, 13 - 15 Eylül 2014, ss.189-194

VI. **UNIVARIATE APPROXIMATE INTEGRATION VIA NESTED TAYLOR MULTIVARIATE FUNCTION DECOMPOSITION**
GÜRVİT E., Baykara N. A.
10th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences (ICNPAA), Narvik, Norveç, 15 - 18 Temmuz 2014, cilt.1637, ss.373-376

VII. **NESTED TAYLOR DECOMPOSITION IN MULTIVARIATE FUNCTION DECOMPOSITION**
Baykara N. A., GÜRVİT E.
10th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences (ICNPAA), Narvik, Norveç, 15 - 18 Temmuz 2014, cilt.1637, ss.134-137

VIII. **Nested Taylor Decomposition of Univariate Functions under Fluctuationlessness Approximation**
GÜRVİT E., Baykara N. A.
International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE), Athens, Yunanistan, 4 - 07 Nisan 2014, cilt.1618, ss.895-898

IX. **Numerical Integration Based on Nested Taylor Decomposition of Univariate Functions under Fluctuationlessness Approximation**
Baykara N. A., GÜRVİT E.
International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE), Athens, Yunanistan, 4 - 07 Nisan 2014, cilt.1618, ss.899-902

X. **Multinomialization of the Classical Three Body Problem Before Applying Probabilistic Evolution Approach**
GÜRVİT E., Baykara N. A.
International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Kos, Yunanistan, 19 - 25 Eylül 2012, cilt.1479, ss.1990-1993

XI.   **Multi Nodalset Fluctuation Free Integration in Taylor Remainder's Evaluation**
GÜRVİT E., Baykara N. A., Demiralp M.
International Conference on Numerical Analysis and Applied Mathematics, Rhodes, Yunanistan, 19 - 25 Eylül 2010,
cilt.1281, ss.1944-1946

XII. **Multi Nodalset Fluctuation Free Approximation in Taylor Remainder's Evaluation**
Baykara N. A., GÜRVİT E., Demiralp M.
International Conference on Numerical Analysis and Applied Mathematics, Rhodes, Yunanistan, 19 - 25 Eylül 2010,
cilt.1281, ss.1939-1940

XIII. **Fluctuation Studies in the Infinite Interval Matrix Representations of Operator Products and Their
Decompositions**
Baykara N. A., GÜRVİT E., Demiralp M.
7th International Conference on Computational Methods in Science and Engineering (ICCMSE), Rhodes,
Yunanistan, 29 Eylül - 04 Ekim 2009, cilt.1504, ss.808-811

XIV. **Fluctuation Studies on the Finite Interval Matrix Representations of Operator Products and Their
Decompositions**
GÜRVİT E., Baykara N. A., Demiralp M.
7th International Conference on Computational Methods in Science and Engineering (ICCMSE), Rhodes,
Yunanistan, 29 Eylül - 04 Ekim 2009, cilt.1504, ss.812-815

XV.   **Numerical Integration of Bivariate Functions Using Fluctuationlessness Theorem with a
Trigonometric Basis Function to Deal with Highly Oscillatory Functions**
GÜRVİT E., Baykara N. A., Demiralp M.
11th International Conference on Mathematical Methods and Computational Techniques in Electrical
Engineering/Applied Computing Conference 2009, Vouliagmeni, Yunanistan, 28 - 30 Eylül 2009, ss.400-401

XVI. **Numerical Approximation to Multivariate Functions Using Fluctuationlessness Theorem with a
Trigonometric Basis Function to Deal with Highly Oscillatory Functions**
Baykara N. A., GÜRVİT E., Demiralp M.
11th International Conference on Mathematical Methods and Computational Techniques in Electrical
Engineering/Applied Computing Conference 2009, Vouliagmeni, Yunanistan, 28 - 30 Eylül 2009, ss.394-395

XVII. **Taylor Series Expansion with the Fluctuation Freely Approximated Remainder Over Highly
Oscillatory Basis Functions**
GÜRVİT E., Baykara N. A., Demiralp M.
International Conference on Numerical Analysis and Applied Mathematics, Rethimnon, Yunanistan, 18 - 22 Eylül
2009, cilt.1168, ss.432-433

XVIII. **Fluctuationless Univariate Integration Through Taylor Expansion with Remainder by Using
Oscillatory Function Basis Sets**
Baykara N. A., GÜRVİT E., Demiralp M.
International Conference on Numerical Analysis and Applied Mathematics, Rethimnon, Yunanistan, 18 - 22 Eylül
2009, cilt.1168, ss.428-429

XIX. **Numerical Integration of Bivariate Functions over a Non Rectangular Area by Using
Fluctuationlessness Theorem**
Baykara N. A., GÜRVİT E., Demiralp M.
2nd WSEAS International Conference on Multivariate Analysis and Its Application in Science and Engineering,
İstanbul, Türkiye, 30 Mayıs - 01 Haziran 2009, ss.81-82

XX.   **Evaluation of Multivariate Integrals via Fluctuationlessness Theorem and Taylor's Remainder**
GÜRVİT E., Baykara N. A., Demiralp M.
International Conference on Computational Methods in Science and Engineering, Hersonissos, Yunanistan, 25 - 30
Eylül 2008, cilt.1148, ss.128-129

XXI. **A Hybridized Finite Taylor Formula by Fluctuation Free Remainder Term for a Multivariable
Function Approximation**
Baykara N. A., GÜRVİT E., Demiralp M.
International Conference on Computational Methods in Science and Engineering, Hersonissos, Yunanistan, 25 - 30

Eylül 2008, cilt.1148, ss.21-22

XXII. **A Hybridized Finite Taylor Formula by Fluctuation Free Remainder Term for Univariate Function Approximation**

Baykara N. A., GÜRVİT E., Demiralp M.

International Conference on Numerical Analysis and Applied Mathematics, Psalidi, Yunanistan, 16 - 20 Eylül 2008, cilt.1048, ss.87-89

XXIII. **Evaluation of Univariate Integrals via Fluctuationlessness Theorem**

GÜRVİT E., Baykara N. A., Demiralp M.

International Conference on Numerical Analysis and Applied Mathematics, Psalidi, Yunanistan, 16 - 20 Eylül 2008, cilt.1048, ss.239-241

Metrikler

Yayın: 24
Atıf (WoS): 69
Atıf (Scopus): 5
H-İndeks (WoS): 5
H-İndeks (Scopus): 1