

Dr. Öğr. Üyesi ERCAN GÜRVİT

Kişisel Bilgiler

E-posta: ercan.gurvit@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/ercan.gurvit>

Biyografi

Ercan GÜRVİT 1962 yılında İstanbul'da doğdu. 1981 yılında Özel Saint-Joseph Fransız Erkek lisesinden, 1989 yılında Boğaziçi Üniversitesi İdari Bilimler Fakültesi İşletme 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

- 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 Multivariate 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**
GÜRVIŦ 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., GÜRVIŦ 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., GÜRVIŦ 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**
GÜRVIŦ 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**
GÜRVIŦ 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., GÜRVIŦ 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**
GÜRVIŦ 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., GÜRVIŦ 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., GÜRVIŦ 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**
GÜRVIŦ 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., GÜRVIŦ 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

Atf (WoS): 69

Atf (Scopus): 5

H-İndeks (WoS): 5

H-İndeks (Scopus): 1