

# Prof. Esin İnan Eskitasciođlu

## Personal Information

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## Education Information

Doctorate, Van Yüzüncü Yil University, Ankara Üniversitesi Fen Fakültesi, Matematik/ Uygulamalı Matematik, Turkey  
1990 - 1995

Postgraduate, Van Yüzüncü Yil University, Fen Edebiyat, Matematik, Turkey 1987 - 1990

Undergraduate, Van Yüzüncü Yil University, Fen Edebiyat, Matematik, Turkey 1983 - 1987

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, N-BOYUTLU UZAYDA K- POTANSİYELLER, Ankara University, Matematik, Matematik/ Uygulamalı Matematik,  
1995

Postgraduate, DOĞUM VE ÖLÜM SÜREÇLERİNDE TEK KANAL DURUMU, Van Yüzüncü Yil University, Matematik,  
Matematik/ Uygulamalı Matematik, 1990

## Research Areas

Mathematics, Potential Theory, Natural Sciences

## Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Fen Fakültesi, Matematik/ Uygulamalı Matematik, 2010 - Continues

## Academic and Administrative Experience

Van Yüzüncü Yil University, Bilgisayar Ve Eğitim Teknolojileri, Bilgisayar, 1998 - 1999

Van Yüzüncü Yil University, Matematik, Matematik, 1997 - 1998

## Advising Theses

- Eskitasciođlu E. İ., Genelleřtirilmiř (beta-gama) Riesz potansiyellerinin total diferansiyellenebilirliđi, Postgraduate, H.řevki(Student), 2013
- Eskitasciođlu E. İ., Fizik uygulamalarında karřılařılan bazı kısmi diferansiyel denklemler iin ozm teknikleri, Postgraduate, Y.Uce(Student), 2010
- Eskitasciođlu E. İ., Dalga denklemleri zerine bazı uygulamalar, Postgraduate, S.Yalva(Student), 2009
- Eskitasciođlu E. İ., Logaritmik potansiyellerin bazı zellikleri, Postgraduate, S.akan(Student), 2007
- Eskitasciođlu E. İ., Trkiyede matematik đreniminde đretmenlerin eđitim ortamlarında bilgisayar ve matematik programlarından yararlanma dzeyleri, Doctorate, H.avuş(Student), 2006
- Eskitasciođlu E. İ., Non-izotropik uzaklıđa bađlı Riesz potansiyellerinin total diferansiyellenebilirliđi, Postgraduate, D.Kker(Student), 1999

## Jury Memberships

- Doctorate, DOKTORA, AHİ EVRAN NİV, January, 2016
- Post Graduate, YUKSEK LİSANS, YYU, November, 2015

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **AN INVERSE STURM-LIOUVILLE PROBLEM WITH A GENERALIZED SYMMETRIC POTENTIAL**  
Eskitasciođlu E. İ., Ail M.  
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2017 (SCI-Expanded)
- II. **The  $(p, q, l)$  -properties of a generalized Riesz potential**  
Cinar İ.  
APPLIED MATHEMATICS AND COMPUTATION, vol.153, no.3, pp.751-755, 2004 (SCI-Expanded)
- III. **The Hardy-Littlewood-Sobolev inequality for  $(\beta, \gamma)$ -distance Riesz potentials**  
Cinar İ., DURU H.  
APPLIED MATHEMATICS AND COMPUTATION, vol.153, no.3, pp.757-762, 2004 (SCI-Expanded)
- IV. **limits at infinity of generalizet Riesz potentials**  
Eskitasciođlu E. İ.  
international journal of mathematics,INTERNATIONAL JOURNAL OF GAME THEORY, vol.14, pp.245-248, 2004 (SCI-Expanded)
- V. **On continuity properties of potentials depending on lambda-distance**  
Cinar İ., DURU H.  
APPLIED MATHEMATICS AND COMPUTATION, vol.139, pp.531-534, 2003 (SCI-Expanded)
- VI. **On non-isotropic Riesz potentials**  
Cinar İ.  
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.28, no.9, pp.1197-1205, 1997 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Complex wave surfaces to the extended shallow water wave model with  $(2+1)$ -dimensional**  
Baskonus H. M., Eskitasciođlu E. İ.  
COMPUTATIONAL METHODS FOR DIFFERENTIAL EQUATIONS, vol.8, no.3, pp.585-596, 2020 (ESCI)
- II. **Schrdinger Equation Via Laplace-Beltrami Operator**  
Eskitasciođlu E. İ., Ail M.  
IOSR-JM, vol.13, no.2, pp.91-95, 2017 (Peer-Reviewed Journal)
- III. **Schrdinger Equation Via Laplace-Beltrami Operator**  
Eskitasciođlu E. İ., Ail M.

- IOSR-JM, vol.13, no.6, pp.91-95, 2017 (Peer-Reviewed Journal)
- IV. **Türkiye de Matematik Öğretiminde Öğretmenlerin Eğitim Ortamlarında Bilgisayar ve Matematik Programlarından Yararlanma Ölçütleri**  
ÇAVUŞ H., ESKİTAŞÇIOĞLU E. İ.  
Kırşehir Üniversitesi Eğitim Fakültesi Dergisi (KEFAD), vol.17, no.3, pp.457-475, 2016 (Peer-Reviewed Journal)
- V. **A PHYSICAL INTERPRETATION OF RIESZ POTENTIAL**  
Eskitascioğlu E. İ., Açıl M.  
IOSR-JM, vol.5, pp.2332-2335, 2016 (Peer-Reviewed Journal)
- VI. **A Physical Interpretation of Riesz Potential**  
Eskitascioğlu E. İ., Açıl M.  
IOSR Journal of Mathematics, vol.12, no.4, pp.84-88, 2016 (Peer-Reviewed Journal)
- VII. **ON DIFFRENTIABILITY OF LANDA - RIESZ POTENTIALS AND THEIR APPLICATION**  
Eskitascioğlu E. İ.  
International journal latest research in science and technology, vol.5, pp.70-73, 2016 (Peer-Reviewed Journal)
- VIII. **The Gagliardo-Nirenberg-Sobolev inequality for Non-Isotropic Riesz Potentials**  
Eskitascioğlu E. İ.  
Journal of mathematics and system science, vol.5, pp.83-85, 2015 (Peer-Reviewed Journal)
- IX. **SOLUTION OF FLOW IN THE REGION BLOCKED BETWEEN TWO CONCENTRIC CYLINDERS NORMAL TO THE SURFACE BY USING KELVIN TRANSFORMATION FOR STEADY HORIZONTAL PLANER FLOW IN A LAYER HAVING UNIFORM THICKNESS**  
Eskitascioğlu E. İ.  
ADVERB THEORY APPLIED MECHANICS, vol.5, pp.33-44, 2012 (Peer-Reviewed Journal)
- X. **On the existence of periodic solutions to nonlinear differential equations of second order**  
Eskitascioğlu E. İ., Tunç C.  
DIFFERENTIAL EQUATIONS AND CONTROL PROCESSE, pp.20-25, 2008 (Peer-Reviewed Journal)
- XI. **landa BESSEL CAPACITY**  
Eskitascioğlu E. İ.  
International mathematical journal, no.5, pp.253-256, 2004 (Peer-Reviewed Journal)
- XII. **on some properties of genaralized Riesz potantials**  
Eskitascioğlu E. İ.  
International mathematical journal, vol.3, pp.1393-1397, 2003 (Peer-Reviewed Journal)
- XIII. **THE CAPACITY OF REGIONS IN WHICH NONDIFFERENTIABLE OF GENERALIZED RIESZ POTENTIALS**  
Eskitascioğlu E. İ.  
international mathematics journal, vol.3, pp.311-317, 2003 (Peer-Reviewed Journal)
- XIV. **ON NON-ISOTROPIC (BETA,GAMA) DISTANCE AND GENERALIZED RIESZ POTENTIALS**  
Eskitascioğlu E. İ.  
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS, vol.8, pp.285-293, 2002 (Scopus)
- XV. **ON DIFFERENTIABILITY OF GENERALIZED RIESZ POTENTIALS**  
Çınar İ.  
PURE AND APPLIED MATHEMATIKA SCIENCE, vol.LIV, pp.81-89, 2001 (Peer-Reviewed Journal)
- XVI. **THE HARDY LITTLEWOOD-SOBOLEV INEQUALITY FOR NON ISOTROPIC RIESZ POTENTIALS**  
Çınar İ.  
TURKISH JOURNAL OF MATHEMATICS, vol.21, no.2, pp.153-157, 1997 (Scopus)
- XVII. **Doğum ve ölüm süreçlerinin tek kanal durumu**  
Eskitascioğlu E. İ.  
YYÜ Fen bilimleri enstitüsü, vol.1, no.2, pp.1-9, 1992 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Üniversite Öğrencilerinin Akıllı Telefon Bağımlılıklarının Bazı Değişkenlere Göre İncelenmesi**

GÜLER Ç., ÇAVUŞ H., İnan Eskitascioğlu E.

II. Uluslararası Türk Dünyası Eğitim Bilimleri ve Sosyal Bilimler Kongresi, 7 - 08 December 2018, pp.1-6

**II. A Solution of Schrödinger Equation with Laplace-Beltrami Operator**

Açıl M., Eskitascioğlu E. İ.

ICMME-2017, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.127-128

**III. Physical Interpretation of Riesz Potential**

Açıl M., Eskitascioğlu E. İ., Karagöz M.

IECMSA-2014, Viyana, Austria, 25 - 28 August 2014, pp.210

**IV. RIESZ POTANSİYELİNİN FİZİKSEL OLARAK ÇEKİM KUVVETLERİNE UYARLANMASI**

Açıl M., Eskitascioğlu E. İ.

12. Matematik sempozyum3, Karabük, Turkey, 15 - 17 May 2014, pp.150

## Supported Projects

Eskitascioğlu E. İ., Project Supported by Higher Education Institutions, ON DIFFERENTIABILITY OF  $\lambda$ -RIESZ POTENTIALS AND THEIR APPLICATION, 2016 - 2016

## Scientific Refereeing

JOURNAL OF MATHEMATICS AND SYSTEM SCIENCE, Other Indexed Journal, November 2014

TAIWAN JOURNAL MATHEMATICS, SCI Journal, February 2008

JOURNAL OF INEQUALITY AND APPLICATION, Other Indexed Journal, January 2007

INTERNATIONAL JOURNAL PURE APPLIED MATHEMATICS, Other Indexed Journal, March 2006

## Metrics

Publication: 27

Citation (WoS): 6

Citation (Scopus): 5

H-Index (WoS): 2

H-Index (Scopus): 1

## Congress and Symposium Activities

Mathematics: Applied, an International Conference, Attendee, Ohrid, Macedonia, 2016

3.INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Attendee, Wien, Austria, 2014

13.MATEMATİK SEMPOZYUMU BİLİMİN ÇELİĞİ MATEMATİK, Attendee, Karabük, Turkey, 2014

9. MATEMATİK SEMPOZYUMU, Attendee, Turkey, 2010

16.ULUSAL MATEMATİK SEMPOZYUMU, Attendee, Van, Turkey, 2003

MATEMATİK SEMPOZYUMU SARIMSAKLIDA MATEMATİK GÜNLERİ, Attendee, Balıkesir, Turkey, 1997