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Education Information

Doctorate, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1999 - 2003

Postgraduate, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1996 - 1999

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1992 - 1996

Academic Titles / Tasks

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2011 - Continues

Courses

M 674Kısmi Dif. Denk. Ve Uygulamaları, Undergraduate Minor, 2013-2014

00124 Genel Matematik II(i.ö), Undergraduate, 2013-2014

00124 Genel Matematik II, Undergraduate, 2013-2014

Advising Theses

AKSAN E. N., ESEN A., Hareketli sınır değer problemlerinin nümerik çözümleri, Doctorate, H.KARABENLİ(Student), 2016

AKSAN E. N., İki boyutlu burgers denkleminin alternating direction implicit (Adi) yöntemi ile çözümü, Doctorate, G.ÇELİKİTEN(Student), 2016

AKSAN E. N., İki boyutlu Burgers' denkleminin bir nümerik çözümü, Postgraduate, G.CANBEK(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

I. ALTERNATING DIRECTION IMPLICIT METHOD FOR NUMERICAL SOLUTIONS OF 2-D BURGERS EQUATIONS

Celikten G., AKSAN E. N.

THERMAL SCIENCE, vol.23, 2019 (SCI-Expanded)

II. AN APPLICATION OF FINITE ELEMENT METHOD FOR A MOVING BOUNDARY PROBLEM

AKSAN E. N., KARABENLİ H., ESEN A.

THERMAL SCIENCE, vol.22, 2018 (SCI-Expanded)

III. AN APPLICATION OF CUBIC B-SPLINE FINITE ELEMENT METHOD FOR THE BURGERS' EQUATION

AKSAN E. N.

- THERMAL SCIENCE, vol.22, 2018 (SCI-Expanded)
- IV. **A Collocation Finite Element Solution for Stefan Problems with Periodic Boundary Conditions**
 KARABENLİ H., UÇAR Y., AKSAN E. N.
 FILOMAT, vol.30, no.3, pp.699-709, 2016 (SCI-Expanded)
- V. **Thermoelectric power and thermal conductivity study of the Y3Ba5Cu8Ox system**
 AKSAN M. A., KIZILASLAN O., AKSAN E. N., YAKINCI M. C.
 PHYSICA B-CONDENSED MATTER, vol.407, no.14, pp.2820-2824, 2012 (SCI-Expanded)
- VI. **A variational approximation to the problem of the deflection of a bar**
 Aksan E. N., Ozdes A., Esen A.
 APPLIED MATHEMATICS AND COMPUTATION, vol.150, no.2, pp.525-531, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **New solitary wave structures to the (3**
 BULUT H., AKSAN E. N., Kayhan M., Sulaiman T. A.
 JOURNAL OF OCEAN ENGINEERING AND SCIENCE, vol.4, no.4, pp.373-378, 2019 (ESCI)
- II. **Numerical solutions for a Stefan problem**
 KARABENLİ H., ESEN A., AKSAN E. N.
 New Trends in Mathematical Science, vol.4, no.4, pp.175-187, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Wave Simulation Properties of the (2+1) Dimensional Breaking Soliton Equation**
 AKSAN E. N., Bulut H., Kayhan M.
 2nd International Conference on Computational Mathematics and Engineering Sciences (CMES), İstanbul, Turkey, 20 - 22 May 2017, vol.13
- II. **Numerical Solutions of a Stefan Problem Described as Solidification Problem**
 karabenli h., ESEN A., AKSAN E. N.
 International Conference on Quantum Science and Applications, 25 - 27 May 2016
- III. **An Application of Finite Element Method for a Moving Boundary Problem**
 karabenli h., ESEN A., AKSAN E. N.
 International Conference on Mathematics and Mathematics Education, 12 - 14 May 2016
- IV. **effect of the Er substitution on critical current density in glass ceramic Bi2Sr2Ca2 Cu3 xEr_x O10 d**
 kirat g., KIZILASLAN O., AKSAN E. N.
 international conference on superconductivity and magnetism 2016, 24 - 30 April 2016
- V. **Finite Element Solution of Stefan Problems with Periodic Boundary Conditions**
 karabenli h., UÇAR Y., AKSAN E. N.
 2nd International Conference on Recent Advances in Pure and Applied Mathematics, İstanbul, Turkey, 3 - 06 June 2015, pp.203

Metrics

Publication: 13
 Citation (WoS): 15
 Citation (Scopus): 12
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 H-Index (Scopus): 2

Non Academic Experience

İNÖNÜ ÜNİVERSİTESİ