

Res. Asst. PhD EBUTALİB ÇELİK

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 33207

Email: ecelik@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/ecelik/>

International Researcher IDs

ORCID: 0000-0002-4500-4465

Yoksis Researcher ID: 190877

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, --, Turkey 2014 - 2019

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2013 - 2014

Postgraduate, Sakarya University, Institute Of Science, --, Turkey 2012 - 2013

Undergraduate, Zonguldak Karaelmas Üniversitesi, Fen Fakültesi, Matematik, Turkey 2006 - 2011

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Köşe Civarındaki Akış Modelleri Ve Z-Şeklindeki Kaviti İçerisindeki Girdap Oluşumuna Etkisi , Erciyes University, Fen Fakültesi, Matematik, 2019

Postgraduate, KÖŞE CİVARINDAKİ SİNGÜLER NOKTALARIN EŞLEŞTİRME YÖNTEMİYLE ÇÖZÜMÜ, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2014

Research Areas

Mathematics, Differential Equations, Dynamic Systems and Ergodic Theory, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Erciyes University, Fen Fakültesi, Matematik, 2019 - Continues

Research Assistant, Erciyes University, Fen Fakültesi, Matematik, 2012 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. Flow topology in an L-shaped cavity with lids moving in the same directions

Çelik E., Deliceoğlu A., Bozkurt D.

Mathematical Methods In The Applied Sciences, no.2020, pp.8317-8326, 2020 (SCI-Expanded)

II. Singular treatment of viscous flow near the corner by using matched eigenfunctions

Deliceoğlu A., Çelik E., Gürcan F.

Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, vol.233, pp.1660-1676, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. A Mechanism of Eddy Generation in A Single Lid-Driven T-Shaped Cavity

Deliceoğlu A., Çelik E.

Cumhuriyet Science Journal CSJ, vol.40, no.3, pp.477-489, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Üst Kapağı Hareketli Z-şekilli Kaviti İçerisindeki Akış Yapıları

Deliceoğlu A., Çelik E., Lüzum M.

14. Ankara Matematik Günleri, Ankara, Turkey, 28 - 29 June 2019, pp.29

II. Flow topology in an L-shaped cavity with lids moving in the same directions

Deliceoğlu A., Bozkurt D., Çelik E.

International Conference on Mathematics, İstanbul, Turkey, 3 - 06 July 2018, pp.2

III. Streamline Topology of Vortex Breakdown Bubbles near the Re-Entrant Corner

Çelik E., Deliceoğlu A.

INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIED MATHEMATICS, Aydın, Turkey, 11 - 15 May 2017, pp.78

IV. Separated Flow Structures in a Z-shaped Cavity

ÇELİK E., DELİCEOĞLU A., GÜRCAN F.

International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.596

V. An Investigation of a Boundary Layer Separation Near a Re-entrant Corner

ÇELİK E., DELİCEOĞLU A.

International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.424

VI. Topological behavior of viscous flow near a corner by using matched eigenfunctions

ÇELİK E., DELİCEOĞLU A.

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, İstanbul, Turkey, 8 - 12 June 2015, pp.1

VII. Köşe Civarında Singüler Noktaların Eşleştirme Yöntemiyle Çözümü

ÇELİK E., DELİCEOĞLU A.

Ankara Matematik Günleri, Ankara, Turkey, 12 - 13 June 2014, pp.35

Supported Projects

ÇELİK E., Project Supported by Higher Education Institutions, Dikdörgensel Bölgedeki MHD Stokes Akışın Topolojik İncelenmesi, 2020 - 2021

Metrics

Publication: 10

Congress and Symposium Activities

AN INVESTIGATION OF A BOUNDARY LAYER SEPERATION NEAR A RE-ENTRANT CORNER, Attendee, Şanlıurfa, Turkey, 2017

SEPERATED FLOW STRUCTURES IN A Z-SHAPED CAVİTY, Attendee, Şanlıurfa, Turkey, 2017

KÖŞE CİVARINDA SİNGÜLER NOKTALARIN EŞLEŞTİRME YÖNTEMİYLE ÇÖZÜMÜ, Attendee, Ankara, Turkey, 2014