

# Prof. MUSTAFA SARIOĞLU

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAT-1237-2020

Yoksis Researcher ID: 154286

## Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1991 - 1997

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1989 - 1991

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1981 - 1984

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Küt cisimler aerodinamiği ve vorteks-shedding olayının deneysel incelemesi, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 1997

Postgraduate, Silindirik boru içerisine yerleştirilen silindirik yüzey elemanlarının akım ortamına etkilerinin deneysel olarak incelenmesi, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 1991

## Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Engineering and Technology

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2023 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2018 - 2023

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2005 - 2018

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 1990 - 2004

## Advising Theses

Sarioğlu M., Uçak kanadı üzerinde kullanılan girdap üreteçlerinin aerodinamik karakteristikleri üzerine etkilerinin

incelenmesi, Postgraduate, M.ALGAN(Student), 2023

Sarioğlu M., Doğadan esinlenen kanatlarda dalgalı hücum kenarının aerodinamik karakteristiklerinin incelenmesi, Postgraduate, A.ÇOLAK(Student), 2023

Sarioğlu M., Genlik modülasyonlu dalgalı geometriye sahip uçak kanadının aerodinamik performansının deneysel incelenmesi, Doctorate, M.SEYHAN(Student), 2022

Sarioğlu M., Thesis, Postgraduate, M.Yusuf(Student), 2021

Sarioğlu M., Thesis, Postgraduate, T.Merve(Student), 2019

Sarioğlu M., Thesis, Postgraduate, H.Ahmet(Student), 2017

## **Jury Memberships**

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, October, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Tarsus Üniversitesi, October, 2021

Post Graduate, Post Graduate, Başkent Üniversitesi, September, 2021

Doctorate, Doctorate, Niğde Ömer Halisdemir Üniversitesi, February, 2021

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, April, 2017

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, December, 2015

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, July, 2014

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, August, 2011

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

- I. **Optimization of aerodynamic drag reduction for truck trailer model via machine learning**  
SEYHAN M., ES H. A., SARIOĞLU M.  
MEASUREMENT, vol.240, 2025 (SCI-Expanded)
- II. **Overall aerodynamic performance of the airfoils with different amplitudes via a fuzzy decision making based Taguchi methodology**  
SEYHAN M., ES H. A., SARIOĞLU M.  
Applied Soft Computing, vol.165, 2024 (SCI-Expanded)
- III. **Effect of aero-shaped vortex generators on NACA 4415 airfoil**  
Algan M., Seyhan M., Sarioğlu M.  
OCEAN ENGINEERING, vol.291, 2024 (SCI-Expanded)
- IV. **Investigation of aerodynamic performance of Clark-Y airfoil with more realistic tubercle model and internal slots**  
Demirci V., Seyhan M., Sarioglu M.  
PHYSICS OF FLUIDS, vol.35, no.8, 2023 (SCI-Expanded)
- V. **Leading-edge tubercle modifications to the biomimetic wings**  
Çolak A., Seyhan M., Sarioğlu M.  
PHYSICS OF FLUIDS, vol.35, no.1, 2023 (SCI-Expanded)
- VI. **The effect of leading-edge tubercle on a tapered swept-back SD7032 airfoil at a low Reynolds number**  
Seyhan M., Akbiyik H., Sarioğlu M., Kececioğlu S. C.  
OCEAN ENGINEERING, vol.266, 2022 (SCI-Expanded)
- VII. **Influence of Leading-Edge Tubercle with Amplitude Modulation on NACA 0015 Airfoil**  
Seyhan M., Sarioğlu M., Akansu Y. E.  
AIAA JOURNAL, vol.59, no.10, pp.3965-3978, 2021 (SCI-Expanded)
- VIII. **Investigation of drag reduction performance of half NACA 0009 and 0012 airfoils placed over a trailer on the flow around truck-trailer**

SEYHAN M., SARIOĞLU M.

JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.35, no.7, pp.2971-2979, 2021 (SCI-Expanded)

- IX. **Control of flow around a square cylinder at incidence by using a splitter plate**  
SARIOĞLU M.  
FLOW MEASUREMENT AND INSTRUMENTATION, vol.53, pp.221-229, 2017 (SCI-Expanded)
- X. **AERODYNAMIC CHARACTERISTICS OF THE FLOW AROUND AN AIRFOIL AND A CIRCULAR CYLINDER**  
SARIOĞLU M.  
Nigde Üniversitesi Mühendislik Bilimleri Dergisi, vol.6, pp.191-202, 2017 (SSCI)
- XI. **Flow field and heat transfer characteristics in an oblique slot jet impinging on a flat plate**  
Akansu Y. E., SARIOĞLU M., Kuvvet K., YAVUZ T.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.35, no.7, pp.873-880, 2008 (SCI-Expanded)
- XII. **Flow around a rotatable square cylinder-plate body**  
Sarioglu M., Akansu Y., Yavuz T.  
AIAA JOURNAL, vol.44, no.5, pp.1065-1072, 2006 (SCI-Expanded)
- XIII. **Control of flow around square cylinders at incidence by using a rod**  
Sarioglu M., Akansu Y., Yavuz T.  
AIAA JOURNAL, vol.43, no.7, pp.1419-1426, 2005 (SCI-Expanded)
- XIV. **Flow around a rotatable circular cylinder-plate body at subcritical Reynolds numbers**  
Akansu Y., Sarioglu M., Yavuz T.  
AIAA JOURNAL, vol.42, no.6, pp.1073-1080, 2004 (SCI-Expanded)
- XV. **Subcritical flow around bluff bodies**  
Sarioglu M., Yavuz T.  
AIAA JOURNAL, vol.40, no.7, pp.1257-1268, 2002 (SCI-Expanded)
- XVI. **Vortex Shedding From Circular and Rectangular Cylinders Placed Horizontally in a Turbulent Flow**  
SARIOĞLU M., YAVUZ T.  
Turkish Journal of Engineering and Environmental Sciences, vol.2, pp.217-228, 2000 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The effect of Clark-Y airfoil vortex generators on tapered NACA 0020 wing**  
SEYHAN M., ÇOLAK A., Sarioglu M.  
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.13, no.3, pp.776-784, 2024 (Peer-Reviewed Journal)
- II. **Effect of attack angle on the flow around adjacent circular and rectangular prisms**  
SEYHAN M., SARIOĞLU M., AKANSU Y. E.  
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.10, no.2, pp.833-839, 2021 (Peer-Reviewed Journal)
- III. **Control of flow around Side by Side Square Prisms Using Control Rods**  
Seyhan M., Sarioğlu M.  
Afyon Kocatepe University Journal of Science and Engineering, vol.20, no.3, pp.543-550, 2020 (Peer-Reviewed Journal)
- IV. **Effect of Attack Angle on Flow around A Square Prism with A Splitter Plate**  
Seyhan M., Sarioğlu M., Akansu Y. A.  
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.23, pp.233-240, 2018 (Peer-Reviewed Journal)
- V. **AERODYNAMIC CHARACTERISTICS OF THE FLOW AROUND AN AIRFOIL AND A CIRCULAR CYLINDER**  
SARIOĞLU M.  
Ömer Halisdemir University Journal of Engineering Sciences, vol.6, no.1, pp.191-202, 2017 (Peer-Reviewed Journal)
- VI. **Aerodynamic Drag Force Estimation of a Truck Trailer Model Using Artificial Neural Network**

Sarioğlu M., Seyhan M., Akansu Y. E.

International Journal of Automotive Engineering and Technologies, vol.5, no.4, pp.168-175, 2016 (Peer-Reviewed Journal)

**VII. Aerodynamic forces acting on a circular cylinder with splitter plate at incidence**

SARIOĞLU M., SEYHAN M., AKANSU Y. E.

KSU Journal of Engineering Sciences, vol.19, no.3, pp.1-6, 2016 (Peer-Reviewed Journal)

**VIII. Vortex Shedding on Combined Bodies at Incidence to a Uniform Air Stream**

YAVUZ T., AKANSU Y. E., SARIOĞLU M., ÖZMERT M.

INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, vol.3, pp.673-677, 2009 (Peer-Reviewed Journal)

**IX. Silindirik Boru İçerisine Yerleştirilen Konik Silindirik Boru İçerisine Yerleştirilen Konik Türbülatorlerin Akım Ortamına Etkilerinin Deneysel Olarak İncelenmesi**

SARIOĞLU M., Durmuş A., AYHAN T.

Isı Bilimi ve Tekniği Dergisi, vol.15, no.3, pp.15-19, 1992 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. The Effect of Backward Counter-Rotating Triangular Type Vortex Generators on NACA 4415 Airfoil**

Algan M., Seyhan M., Sarioğlu M.

2nd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 15 - 18 October 2022, pp.1-5

**II. THE EFFECTS OF A SYNTHETIC JET WITH VARIOUS JET TO PLATE DISTANCES ON IMPINGING JET HEAT TRANSFER**

Akbıyık H., Seyhan M., Kocabıyık O., Sarioğlu M., Akansu Y. E.

2nd International Conference on Engineering and Applied Natural Sciences, Kayseri, Turkey, 1 - 03 September 2022, pp.1-5

**III. AN EXPERIMENTAL STUDY ON FLOW AROUND NACA 0020 AIRFOIL WITH DIFFERENT SWEEP BACK ANGLE**

Seyhan M., Sarioğlu M., Akansu Y. E.

17th international conference of young scientists on energy and natural sciences issues, Kaunas, Lithuania, 24 - 28 May 2021, pp.1-6

**IV. INVESTIGATION OF LEADING-EDGE TUBERCLE FOR TAPERED SWEEP-BACK AIRFOIL AT LOW REYNOLDS NUMBER**

Seyhan M., Çolak A., Sarioğlu M.

17th international conference of young scientists on energy and natural sciences issues, Kaunas, Lithuania, 24 - 28 May 2021, pp.1-6

**V. AERODYNAMIC PERFORMANCE OF LEADING-EDGE TUBERCLE OF TAPERED SWEEP-BACK NACA 0020 AIRFOIL**

Seyhan M., Sarioğlu M., Çolak A.

17th international conference of young scientists on energy and natural sciences issues, Kaunas, Lithuania, 24 - 28 May 2021, pp.1-8

**VI. AERODYNAMIC CHARACTERISTICS OF NACA 0015 AIRFOIL HAVING DIFFERENT ASPECT RATIO WITH END PLATES**

Seyhan M., Sarioğlu M.

17th international conference of young scientists on energy and natural sciences issues , Kaunas, Lithuania, 24 - 28 May 2021, pp.1-7

**VII. Investigation Of Flow Field Characteristics Of Synthetic Jet Driven By Half Sinusoidal Signal**

Bayat M. Y., Sarioğlu M., Akansu Y. E.

5th International Anatolian Energy Symposium AES2021 , Trabzon, Turkey, 24 - 25 March 2021, pp.115-121

**VIII. THE EFFECTS OF LEADING EDGE TUBERCLES ON FLOW AROUND A SEMI SPAN NACA 0020 AIRFOIL**

Çolak A., Seyhan M., Sarioğlu M.

International Conference on Engineering Technologies, Konya, Turkey, 19 - 21 November 2020, pp.132

- IX. **INVESTIGATION OF EFFECTS OF WAVY LEADING EDGE ON FLOW AROUND A NACA 0020 AIRFOIL**  
Seyhan M., Sarioğlu M., Akansu Y. E.  
International Conference on Engineering Technologies, Konya, Turkey, 19 - 21 November 2020, pp.99
- X. **Effect of Leading-Edge Tubercles on Flow around NACA 0015 Airfoil at  $Re = 1 \times 10^5$**   
Seyhan M., Sarioğlu M., Akansu Y. E.  
5th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 21 - 23 October 2020, pp.237-239
- XI. **The Investigation of Leading-Edge Tubercles on Flow Around A Semi-Span NACA 634-021 Airfoil**  
Seyhan M., Çolak A., Sarioğlu M., Akansu Y. E.  
5th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 21 - 23 October 2020, pp.335-338
- XII. **DESIGN AND EXPERIMENTAL INVESTIGATION OF BIO-INSPIRED SPOILER FOR TRUCK-TRAILER**  
KESAT T. M., SARIOĞLU M., SEYHAN M.  
The Internatinonal Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in Cappadocia/TURKEY (IMSMATEC'19), Nevşehir, Turkey, 21 - 23 June 2019, pp.531-534
- XIII. **Heat Transfer Characteristic of a Synthetic Jet Actuator with Varied Driven Signal Type**  
KOCABIYIK O., AKBIYIK H., SEYHAN M., AKANSU Y. E., SARIOĞLU M.  
1st International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Turkey, 8 - 09 November 2018
- XIV. **INVESTIGATION OF HALF NACA 0018 AIRFOIL ON TRUCK-TRAILER**  
SARIOĞLU M., SEYHAN M., AKANSU Y. A.  
1 st International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Turkey, 8 - 09 November 2018, vol.1, no.1, pp.499-503
- XV. **INVESTIGATION OF LEADING EDGE TUBERCLES ON NACA 0015 AIRFOIL**  
SEYHAN M., SARIOĞLU M., AKANSU Y. A.  
1 st International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Turkey, 8 - 09 November 2018, pp.413-416
- XVI. **HEAT TRANSFER CHARACTEHERISTICS OF A SYNTHETIC JET ACTUATOR WITH VARIED DRIVEN SIGNAL TYPE**  
KOCABIYIK O., AKBIYIK H., SEYHAN M., SARIOĞLU M., AKANSU Y. A.  
1 st International Conference on Advances in Mechanical and Mechatronics Engineering, Ankara, Turkey, 8 - 09 November 2018, pp.476-479
- XVII. **DRAG REDUCTION OF TRUCK-TRAILER USING HALF OF NACA 0006 AIRFOIL**  
SARIOĞLU M., SEYHAN M., AKANSU Y. A.  
OTEKON 2018 ULUSLARARASI 9. OTOMOTİV TEKNOLOJİLERİ KONGRESİ, Bursa, Turkey, 7 - 08 May 2018, pp.714-719
- XVIII. **Effect of Synthetic Jet with Duty Cycle over Heat Transfer Enhancement**  
SEYHAN M., AKBIYIK H., SARIOĞLU M., ERDURCAN E. F., AKANSU Y. E.  
Proceedings of the 3rd World Congress on Momentum, Heat and Mass Transfer (MHMT'18), Budapest, Hungary, 12 - 14 April 2018
- XIX. **FLOW AROUND A SQUARE CYLINDER WITH WAVY SPLITTER PLATE PLACED UPSTREAM**  
SEYHAN M., SARIOĞLU M., AKANSU Y. E.  
9th ANKARA INTERNATIONAL AEROSPACE CONFERENCE, Ankara, Turkey, 20 - 22 September 2017, pp.1-8
- XX. **Investigation of Flow Characteristics of Synthetic Jet Driven by Duty Cycle Signal**  
AKANSU Y. E., SARIOĞLU M., SEYHAN M., AKBIYIK H.  
10th International Conference on Sustainable Energy & Environmental Protection, Bled, Slovenia, 27 June - 30 July 2017, vol.1, no.1, pp.345-354
- XXI. **Investigation of flow characteristics of synthetic jet driven by duty cycle signal**  
AKANSU Y. E., SARIOĞLU M., SEYHAN M., AKBIYIK H.

- 10th International Conference on Sustainable Energy and Environmental Protection, Bled, Slovenia, 27 - 30 June 2017, pp.345-354
- XXII. **Aerodynamic Force Estimation of A NACA 0015 Airfoil with DBD Plasma Actuator Using Artificial Neural Network**  
AKBIYIK H., SEYHAN M., AKANSU Y. E., YAVUZ H., SARIOĞLU M.  
3 rd INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Konya, Turkey, 24 - 26 May 2017, pp.1
- XXIII. **Vortex Shedding Frequency Estimation of a Circular Cylinder with Splitter Plate at Incidence Using Artificial Neural Network**  
SEYHAN M., SARIOĞLU M., AKANSU Y. E., AKBIYIK H.  
3 rd INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Konya, Turkey, 24 - 26 May 2017, pp.1
- XXIV. **Effect of Length of the Wavy Shaped Splitter Plate on Flow around a Circular Cylinder**  
SARIOĞLU M., SEYHAN M., AKANSU Y. E.  
8th International Exergy, Energy and Environment Symposium (IEEES-8), Antalya, Turkey, 1 - 04 May 2016, pp.589-592
- XXV. **Effect of length of the wavy shaped splitter plate on flow around a circular cylinder**  
SARIOĞLU M., SEYHAN M., AKANSU Y. E.  
IEEES8 - 8th International Exergy, Energy and Environmental Symposium, Antalya, Turkey, 1 - 04 May 2016, pp.1-4
- XXVI. **Effect of the wavy shaped splitter plate on flow around a circular cylinder**  
SARIOĞLU M., SEYHAN M., AKANSU Y. E.  
13th International Conference on Fluid Control, Measurements and Visualization, Doha, Qatar, 15 - 18 November 2015
- XXVII. **Effect of a Wavy Shaped Splitter Plate on Flow around a Circular Cylinder**  
SARIOĞLU M.  
FLUCOME2015, The 13th International Symposium on Fluid Control, Measurement and Visualization, Doha, Qatar, 15 - 18 November 2015, pp.168-175
- XXVIII. **Flow Around A Square Prism and a Circular Cylinder In Tandem Arrangement**  
AKANSU Y. E., YAVUZ T., SARIOĞLU M.  
Experimental Fluid Mechanics 2010 Proceeding of the Internatioanl Conference, Liberec, Czech Republic, 24 - 26 November 2010, pp.30-40
- XXIX. **FLOW AROUND A SQUARE PRISM AND A CIRCULAR CYLINDER IN TANDEM ARRANGEMENT**  
Akansu Y. E., YAVUZ T., SARIOĞLU M.  
International Conference on Experimental Fluid Mechanics, Liberec, Czech Republic, 24 - 26 November 2010, pp.30-40
- XXX. **Vortex Shedding on Combined Bodies at Incidence to a Uniform Air Stream**  
YAVUZ T., AKANSU Y. E., SARIOĞLU M., ÖZMERT M.  
World Academy of Science, Engineering and Technology, Tokyo, Japan, 15 - 17 May 2009, pp.1095-1099
- XXXI. **Dairesel-Konik Silindirler Düzeneği Etrafında Vortex Dinamiği**  
SARIOĞLU M.  
ULIBTK07 16. Ulusal Isı Bilimi ve Tekniği Kongresi, Kayseri, Turkey, 30 May - 02 June 2007, pp.873-879
- XXXII. **Bir Kanat Profili ile Onun iz Bölgesinde Bulunan Dairesel Kesitli bir Küt Cismin Aerodinamik Karakteristiklerinin İncelenmesi**  
SARIOĞLU M.  
UHUK 2006, I. Ulusal Havacılık ve Uzay Konferansı, Ankara, Turkey, 21 - 23 September 2006, pp.1-8
- XXXIII. **Bir Uçak Kanadı Profili ile Onun İz Bölgesinde Bulunan Kare Kesitli bir Küt Cismin Aerodinamik Karakteristiklerinin Belirlenmesi**  
AKANSU Y. E., SARIOĞLU M., YAVUZ T.  
HaSeM'06 Kayseri VI. Havacılık Sempozyumu, Nevşehir, Turkey, 12 - 14 May 2006, pp.340-344
- XXXIV. **Farklı Kesit Alanlarına Sahip Çubukların Kare Kesitli bir Prizma Etrafındaki Akışa Etkilerinin Deneysel İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

HaSeM'06 Kayseri VI. Havacılık Sempozyumu, Nevşehir, Turkey, 12 - 14 May 2006, pp.644-648

XXXV. **FARKLI KESİT ALANLARINA SAHİP ÇUBUKLARIN KARE KESİTLİ BİR PRİZMA ETRAFINDAKİ AKIŞA ETKİLERİNİN DENEYSEL İNCELENMESİ**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

Kayseri VI. Havacılık Sempozyumu, Nevşehir, Turkey, 12 - 14 May 2006, pp.344-648

XXXVI. **Heat Transfer Characteristics of a Slot Jet Impinging on a Flat Plate at Angle of Incidence**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

ICERD-3, Third International Conference on Energy Research and Development, State Of Kuwait, Kuwait, 21 - 23 November 2005, pp.636-647

XXXVII. **Yüzeye Yerleştirilen bir Engelin Dairesel Silindir Üzerindeki Basınç Dağılımına ve Girdap Kopması Olayına Etkisi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

ULIBTK05 15. Ulusal Isı Bilimi ve Tekniği Kongresi, Trabzon, Turkey, 8 - 09 September 2005, pp.741-746

XXXVIII. **Akışa Dik Doğrultuda Yan-Yana Konumlandırılan Kare ve Dairesel Kesitli Küt Cisimler Etrafındaki Akış Karakteristiklerinin Deneysel İncelenmesi**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

ULIBTK05 15. Ulusal Isı Bilimi ve Tekniği Kongresi, Trabzon, Turkey, 7 - 09 September 2005, pp.747-753

XXXIX. **Aerodynamic Characteristics of Flow Around a Circular Cylinder and a Square Prism in a Tandem Arrangement**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

AIAC-2005-Ankara International Aerospace Conference, Ankara, Turkey, 22 - 25 August 2005, pp.1-7

XL. **Flow around a Rotatable Square Cylinder-Plate Body At A Subcritical Reynolds Number**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

CMES-04, Proceedings of the First Cappadocia International Mechanical Engineering Symposium, Niğde, Turkey, 14 - 16 July 2004, pp.449-454

XLI. **Farklı Geometrilik Temas Halindeki Cisimler Etrafındaki Akışta Hücum Açısına Bağlı Olarak Girdap Kopma Olayının İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

Kayseri V. Havacılık Sempozyumu, Kayseri, Turkey, 13 - 14 May 2004, pp.131-135

XLII. **Akış Ortamındaki Kare Kesitli Bir Küt Cismin Bir Yüzeyinden Açılan Kanaldan Yapılan Üfleminin Cisim Yüzeylerindeki Basınç Dağılımlarına Etkisi**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

Kayseri V. Havacılık Sempozyumu, Kayseri, Turkey, 13 - 14 May 2004, pp.119-123

XLIII. **Dairesel Kesitli Bir Silindirin Kare Prizmadaki Akış Karakteristiklerine Etkileri**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

ULIBTK03 14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.273-278

XLIV. **Düzlem Plaka-Dairesel Silindir Sistemi Etrafındaki Akışın Deneysel İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

ULIBTK03 14. Ulusal Isı Bilimi ve Tekniği Kongresi, Isparta, Turkey, 3 - 05 September 2003, pp.279-284

XLV. **Kare Kesitli Bir Küt Cisim Etrafındaki Akışta Hücum Açısının Basınç Dağılımı ve Girdap Kopması Olayına Etkisinin Deneysel İncelenmesi**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

Kayseri 4. Havacılık Sempozyumu, Kayseri, Turkey, 13 - 15 May 2002, pp.178-182

XLVI. **Kare Kesitli Silindir Önüne Yerleştirilen Bir Plakanın Basınç Dağılımı ve Girdap Kopma Olayına Etkisinin Deneysel İncelenmesi**

SARIOĞLU M., AKANSU Y. E., YAVUZ T.

Kayseri 4. Havacılık Sempozyumu, Kayseri, Turkey, 13 - 15 May 2002, pp.127-131

XLVII. **Hücum Açısının 45° Olduğu Bir Kare Prizmanın Arkasına Yerleştirilen Ayırıcı Plakanın Vorteks Kopma Olayına Etkisinin Deneysel İncelenmesi**

AKANSU Y. E., SARIOĞLU M., YAVUZ T.

- ULIBTK01. 13. Ulusal Isı Bilimi ve Tekniđi Kongresi, Konya, Turkey, 5 - 07 September 2001, pp.117-121
- XLVIII. **Dairesel Kesitli Silindirler Etrafındaki Akıřta Blokaj Oranının Vorteks Kopma Olayına Etkilerinin Deneysel İncelenmesi**  
SARIOĐLU M., AKANSU Y. E., YAVUZ T.  
ULIBTK01. 13. Ulusal Isı Bilimi ve Tekniđi Kongresi, Konya, Turkey, 5 - 07 September 2001, pp.122-126
- XLIX. **Kare Kesitli Ardıřık Silindirler Etrafında Girdap Kopma Olayının Deneysel İncelenmesi**  
SARIOĐLU M., AKANSU Y. E., YAVUZ T.  
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## Metrics



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## **Non Academic Experience**

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