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Education Information

Doctorate, Cukurova University, Makina Mühendisliği, Makine Mühendisliği, Turkey 2013 - Continues

Postgraduate, Cukurova University, Makina Mühendisliği, Makine Mühendisliği, Turkey 2009 - 2013

Undergraduate, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, FLOW CONTROL DOWNSTREAM OF A CIRCULAR CYLINDER BY PERFORATED SEMI CIRCULAR CYLINDER IN SHALLOW WATER, Cukurova University, Makina Mühendisliği, Makine Mühendisliği, 2013

Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Cukurova University, Makina Mühendisliği, Makine Mühendisliği, 2011 - Continues

Research Assistant, Gumushane University, Faculty Of Engineering And Natural Sciences, Makine Mühendisliği, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

I. The effect of shroud on vortex shedding mechanism of cylinder

DURHASAN T., PINAR E., ÖZKAN G. M., AKILLI H., ŞAHİN B.

APPLIED OCEAN RESEARCH, vol.84, pp.51-61, 2019 (SCI-Expanded)

II. PIV measurement downstream of perforated cylinder in deep water

DURHASAN T., PINAR E., ÖZKAN G. M., AKSOY M. M., AKILLI H., ŞAHİN B.

- EUROPEAN JOURNAL OF MECHANICS B-FLUIDS, vol.72, pp.225-234, 2018 (SCI-Expanded)
- III. Vortex street suppression of a circular cylinder using perforated semi-circular fairing in shallow water**
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EXPERIMENTAL THERMAL AND FLUID SCIENCE, vol.79, pp.101-110, 2016 (SCI-Expanded)
- IV. Flow structure around perforated cylinders in shallow water**
PINAR E., ÖZKAN G. M., DURHASAN T., AKSOY M. M., AKILLI H., ŞAHİN B.
JOURNAL OF FLUIDS AND STRUCTURES, vol.55, pp.52-63, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. Kavisli Delikli Plaka ile Girdap Kaynaklı Turbülanslı Akışın Kontrolü**
ÖZKAN G. M., DURHASAN T., PINAR E.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.35, no.4, pp.1021-130, 2020 (Peer-Reviewed Journal)
- II. NACA 0015 Kanat Profilinin Etrafındaki Akışın Firar Kenarından Akış Emme ile Kontrol Edilmesi**
DURHASAN T.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.6, pp.153-160, 2019 (Peer-Reviewed Journal)
- III. İkiz Tabliyeler Arasındaki Akışın Dairesel Kesitli Çubuk ile Kontrol Edilmesi**
DURHASAN T.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.34, no.1, pp.193-200, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. Analysis of attack angle effect on flow characteristics around torpedo-like geometry placed near the freesurface via CFD**
KILAVUZ A., ÖZGÖREN M., DURHASAN T., ŞAHİN B., KAVURMACIOĞLU L. A., AKILLI H.
22nd Congress on Thermal Science and Technology, Kocaeli, Turkey, 11 - 14 September 2019, vol.2, pp.718-726
- II. Dairesel Silindir Etrafındaki Akış Yapısının Kontrü İçin Hibrit Control Elementi**
PINAR E., DURHASAN T., ÖZKAN G. M., OLMUŞ U., AKILLI H., ŞAHİN B.
7th International Symposium on Innovative Technologies in Engineering and Science, Turkey, 22 - 24 November 2019, vol.2, pp.905-915
- III. Experimental Investigation of Flow Structures Around side-by-side Yawed Cylinders in Shallow Water**
KÜTÜK E., OLMUŞ U., DURHASAN T., AKILLI H.
7th International Symposium on Innovative Technologies in Engineering and Science, Turkey, 22 - 24 November 2019, vol.2, pp.1138-1151
- IV. Düşük Reynolds Sayısında Kavitenin NACA 4412 Kanat Profili Aerodinamik Performansı üzerine Etkisinin Sayısal olarak Araştırılması**
KARASU İ., DURHASAN T.
1. Ulusal Mühendislik ve Teknoloji Kongresi, Karaman, Turkey, 17 - 19 October 2019, vol.1, pp.819-820
- V. DAİRESEL SİLİNDİRİN YAKIN ARD İZİNİN DELİKLİ İKİ PLAKA YARDIMI İLE KONTROL EDİLMESİ**
PINAR E., DURHASAN T., OLMUŞ U., ÖZKAN G. M., AKILLI H., ŞAHİN B.
International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, vol.1, pp.1422-1512
- VI. Comparison of Flow Structures around a Square Cylinder and a Diamond Cylinder near Wall**
DURHASAN T.
International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 2 - 04 May 2019, vol.1,

- pp.194-200
- VII. **Effect of Gurney Flap on the Aerodynamic Performance of NACA 0018 Airfoil at Low Reynolds Number**
DURHASAN T., KARASU İ.
4TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2018, İstanbul, Turkey, 19 - 21 December 2018, pp.677-686
- VIII. **Control of the Flow Structure of a Circular Cylinder Using Concentrically Installed Perforated Cylinder and Splitter Plate**
PINAR E., YENİÇUN A., ÖZKAN G. M., DURHASAN T., OLMUŞ U., AKILLI H., ŞAHİN B.
6th International Symposium on Innovative Technologies in Engineering and Science, Antalya, Turkey, 9 - 11 November 2018, pp.761-777
- IX. **Dairesel Silindirin Etrafindaki Akişin Delikli Plaka Yardımı ile Kontrol Edilmesi**
PINAR E., DURHASAN T., ÖZKAN G. M., OLMUŞ U., ÇETİN A., AKILLI H., ŞAHİN B.
International Science and Research Congress, Girne, Cyprus (Kktc), 4 - 06 September 2018, pp.55-56
- X. **Vortex Street Suppression of Circular Cylinder by Perforated Cylinder in Deep Water**
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International Congress on Natural and Engineering Sciences, Belgrade, Serbia, 21 - 25 July 2017, pp.32
- XI. **Control of the flow in the annular region of a shrouded cylinder with splitter plate**
ÖZKAN G. M., DURHASAN T., PINAR E., YENİÇUN A., AKILLI H., ŞAHİN B.
11th International Conference on Experimental Fluid Mechanics (EFM), Marienbad, Czech Republic, 15 - 18 November 2016, vol.143
- XII. **The effects of perforated cylinders on the vortex shedding on the suppression of a circular cylinder**
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11th International Conference on Experimental Fluid Mechanics (EFM), Marienbad, Czech Republic, 15 - 18 November 2016, vol.143
- XIII. **Vortex shedding control of circular cylinder by perforated shroud in deep water**
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- XXII. **Effect of perforated fairing on the flow control of a circular cylinder in deep water**
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1. international mediterranean science and engineering congress, Adana, Turkey, 26 - 28 October 2016, pp.3960-3964
- XXIII. **Effect of perforated fairing on the flow control of a circular cylinder in deep water**
PINAR E., ÖZKAN G. M., AKSOY M. M., AKILLI H., ŞAHİN B., DURHASAN T.
1. international mediterranean science and engineering congress, Adana, Turkey, 26 October - 28 November 2016, pp.3960-3964
- XXIV. **The Vortex Shedding Control of Circular Cylinder by Perforated Fairing in Shallow Water**
DURHASAN T., PINAR E., AKSOY M., ÖZKAN G. M., AKILLI H., ŞAHİN B.
2ND International Symposium on Innovative Technologies in Engineering and Science, Karabük, Turkey, 18 - 20 June 2014, pp.1-10
- XXV. **THE PASSIVE CONTROL OF UNSTEADY FLOW STRUCTURE DOWNSTREAM OF A CIRCULAR CYLINDER IN SHALLOW WATER**
DURHASAN T., PINAR E., AKSOY M., ÖZKAN G. M., AKILLI H., ŞAHİN B.
ASME International Mechanical Engineering Congress and Exposition (IMECE2013), California, United States Of America, 15 - 21 November 2013
- XXVI. **The Passive Control of Flow Structure Downstream of Circular Cylinder in Shallow Water**
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International Mechanical Engineering Congress & Exposition, San Diego, United States Of America, 15 - 21 November 2013, pp.1-10
- XXVII. **The Passive Control of Flow Structure Downstream of Circular Cylinder in Shallow Water**
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- XXVIII. **Şıg suda dairesel silindir arkasındaki daimi olmayan girdapların delikli yarıml silindir ile kontrol edilmesi**
DURHASAN T., AKSOY M., PINAR E., ÖZKAN G. M., AKILLI H., ŞAHİN B.
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- XXIX. **Şıg Suda İç Silindir ile Dış Silindir arasında kalan bölgenin araştırılması**
PINAR E., DURHASAN T., ÖZKAN G. M., AKSOY M., AKILLI H., ŞAHİN B.
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- XXXI. **Şıg suda dairesel silindir arkasındaki daimi olmayan girdapların delikli yarıml silindir ile kontrol edilmesi**
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19. Ulusal Isı Bilim ve Tekniği Kongresi, Samsun, Turkey, 9 - 12 September 2013, pp.1-6
- XXXII. **Derin Suda Delikli Silindir ile Yalın Silindirin Akış Yapısının Kiyaslanması**
AKSOY M., PINAR E., ÖZKAN G. M., DURHASAN T., AKILLI H., ŞAHİN B.
19. Ulusal Isı Bilim ve Tekniği Kongresi, Samsun, Turkey, 9 - 12 September 2013, pp.1-10
- XXXIII. **Şıg Suda İç Silindir ile Dış Silindir arasında kalan bölgenin araştırılması**
PINAR E., DURHASAN T., ÖZKAN G. M., AKSOY M., AKILLI H., ŞAHİN B.
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- XXXIV. **Derin Suda Delikli Silindir ile Yalın Silindirin Akış Yapısının Kiyaslanması**
AKSOY M., PINAR E., ÖZKAN G. M., DURHASAN T., AKILLI H., ŞAHİN B.
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- XXXV. **Şıg suda dairesel silindir arkasındaki daimi olmayan girdapların delikli yarıml silindir ile kontrol**

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DURHASAN T., AKSOY M., PINAR E., ÖZKAN G. M., AKILLI H., ŞAHİN B.

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XXXVI. Flow Structure around Shrouded Cylinders in Shallow Water

ÖZKAN G. M., PINAR E., AKSOY M., DURHASAN T., AKILLI H., ŞAHİN B.

ISITES 2013, 1 st International Symposium On Innovative Technologies In Engineering And Science, Sakarya, Turkey, 7 - 09 June 2013, pp.1-2

XXXVII. Flow Structure around Shrouded Cylinders in Shallow Water

ÖZKAN G. M., PINAR E., AKSOY M., DURHASAN T., AKILLI H., ŞAHİN B.

ISITES 2013, 1 st International Symposium On Innovative Technologies In Engineering And Science, Sakarya, Turkey, 7 - 09 June 2013, pp.1-2

XXXVIII. Silindir Arkasındaki Akışın Delikli Yarım Silindir Yardımıyla Kontrolü

DURHASAN T., PINAR E., ÖZKAN G. M., AKILLI H., ŞAHİN B.

IV. Ulusal Havacılık ve Uzay Konferansı, İstanbul, Turkey, 12 - 14 September 2012, pp.1-9

Supported Projects

AKILLI H., AKSOY M., GEREN N., DURHASAN T., BOZTEPE M. H., UZAY Ç., ÖZKAN G. M., Project Supported by Higher Education Institutions, Yerli Elektrikli Hafif Otomobil Tasarım ve İmalatı, 2016 - 2019

PINAR E., ÖZKAN G. M., DURHASAN T., AKSOY M. M., ŞAHİN B., AKILLI H., Project Supported by Higher Education Institutions, The Use of Perforated Shroud for Controlling the Flow around a Circular Cylinder, 2017 - 2017

PINAR E., ŞAHİN B., AKILLI H., DURHASAN T., ÖZKAN G. M., AKSOY M. M., Project Supported by Higher Education Institutions, THE EFFECTS OF PERFORATED CYLINDERS ON THE VORTEX SHEDDING SUPPRESSION OF A CIRCULAR CYLINDER, 2016 - 2017

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ÖZKAN G. M., DURHASAN T., AKILLI H., Project Supported by Higher Education Institutions, Delikli Yarım Silindir ile Küt Cisim Art İzinin Kontrol Edilmesi, 2016 - 2016

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Metrics

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