

Prof.Dr. İSMAİL HAKKI TUNCER

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Georgia Institute Of Technology, Aerospace Engineering, Amerika Birleşik Devletleri 1984 - 1988

Yüksek Lisans, Purdue University, Mechanical Engineering, Amerika Birleşik Devletleri 1981 - 1983

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Türkiye 1976 - 1981

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Yüksek Lisans, Design of Three-Dimensional Finite Element Grids for Transonic Flows around Wing-body Combinations, Purdue University, Mechanical Engineering, 1983

Doktora, Unsteady Aerodynamics of Oscillating and Rapidly Pitched Airfoils, Georgia Institute Of Technology, Aerospace Engineering, 1983

Araştırma Alanları

Atmosfer Fiziği, Benzetim ve Modelleme, Paralel Algoritmalar , Sayısal Algoritmalar , Rüzgar Enerjisi, Optimizasyon, Sayısal Analiz, Aerodinamik

Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Havacılık ve Uzay Mühendisliği Bölümü, 2005 - Devam Ediyor

Akademik İdari Deneyim

Bölüm Başkanı, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Havacılık ve Uzay Mühendisliği Bölümü, 2018 - Devam Ediyor

Uygulama ve Araştırma Merkezi Müdürü, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Havacılık ve Uzay Mühendisliği Bölümü, 2017 - 2018

Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Havacılık ve Uzay Mühendisliği Bölümü, 2006 - 2009

Yönetilen Tezler

- Tuncer İ. H. , Yücel H., Development of a Discrete Adjoint-Based Aerodynamic Shape optimization for Natural Laminar Flows, Doktora, H.Kaya(Öğrenci), 2020
- Tuncer İ. H. , Numerical simulations of wind turbine wake interactions using actuator line and LES models, Yüksek Lisans, H.CAN(Öğrenci), 2019
- Tuncer İ. H. , Adjoint-based design optimization of a hypersonic inlet, Yüksek Lisans, M.BAŞARAN(Öğrenci), 2019
- TUNCER İ. H. , ÖZGEN S., Ice accretion prediction on wind turbine blades and aerodynamic shape optimization for minimizing power production losses, Doktora, Ö.YIRTICI(Öğrenci), 2018
- TUNCER İ. H. , KAYRAN A., Coupling of a multibody simulation tool for the analysis of rotary systems with a panel based flow solver and a navier-stokes flow solver, Yüksek Lisans, S.SOĞANCI(Öğrenci), 2018
- TUNCER İ. H. , Unsteady atmospheric flow solutions with OpenFOAM coupled with the numerical weather prediction software, WRF, Doktora, E.LEBLEBİCİ(Öğrenci), 2018
- TUNCER İ. H. , KAYA M., Atmosferik akış alanlarının uyumlu dik ayrışım yöntemiyle yeniden oluşturulması, Yüksek Lisans, T.Sevine(Öğrenci), 2017
- TUNCER İ. H. , Reconstruction of the atmospheric flows based on proper orthogonal decomposition method, Yüksek Lisans, T.SEVİNE(Öğrenci), 2017
- TUNCER İ. H. , Investigation of missiles with strake fins and reduction of aerodynamic cross coupling effects by optimization, Yüksek Lisans, E.USTA(Öğrenci), 2015
- TUNCER İ. H. , Development of an all speed navier-stokes preconditioner for two and three dimensional flows on hybrid grids, Doktora, O.BAŞ(Öğrenci), 2015
- TUNCER İ. H. , Implementation of K-epsilon turbulence models in a two dimensional parallel Navier-Stokes solver on hybrid grids, Yüksek Lisans, O.OZAN(Öğrenci), 2014
- TUNCER İ. H. , Micro-siting of wind turbines using Navier-Stokes solutions coupled with a numerical weather prediction model, Doktora, G.AHMET(Öğrenci), 2014
- TUNCER İ. H. , UZOL O., Experimental and numerical investigation of pressure swirl atomizers, Doktora, B.SÜMER(Öğrenci), 2014
- TUNCER İ. H. , Roll characteristics and shape optimization of the free-to-rotate tail-fins on a canard-controlled missile, Yüksek Lisans, E.FEYZİOĞLU(Öğrenci), 2014
- TUNCER İ. H. , UZOL O., Detached eddy simulation of turbulent flow on 2D hybrid grids, Yüksek Lisans, Ö.YIRTICI(Öğrenci), 2012
- TUNCER İ. H. , Terrain modeling and atmospheric turbulent flow solutions based on meteorological weather forecast data, Yüksek Lisans, E.LEBLEBİCİ(Öğrenci), 2012
- TUNCER İ. H. , SEZER UZOL N., Genetic algorithm based aerodynamic shape optimization of wind turbine rotor blades using a 2-d panel method with a boundary layer solver, Yüksek Lisans, Ö.POLAT(Öğrenci), 2011
- TUNCER İ. H. , Implementation of turbulence models on 2d hybrid grids using an explicit/implicit multigrid algorithm, Yüksek Lisans, A.EMRE(Öğrenci), 2011
- TUNCER İ. H. , Kanat kesidi üzerine yerleştirilen sentetik jetin sayısal olarak incelenmesi ve optimizasyonu, Yüksek Lisans, E.Akçayöz(Öğrenci), 2008
- TUNCER İ. H. , Bir eliptik profil üzerinde aktif akış kontrolü çalışmaları, Yüksek Lisans, E.Erler(Öğrenci), 2008
- TUNCER İ. H. , Path optimization of flapping airfoils based on unsteady viscous flow solutions, Doktora, M.KAYA(Öğrenci), 2008
- SELÇUK N., TUNCER İ. H. , A non-iterative pressure based algorithm for the computation of reacting radiating flows, Doktora, A.BİLGE(Öğrenci), 2007
- TUNCER İ. H. , Development of an incompressible Navier-Stokes solver with alternating cell direction implicit method on structured and unstructured quadrilateral grids, Yüksek Lisans, O.BAŞ(Öğrenci), 2007
- TUNCER İ. H. , Gas-kinetic methods for 3-D inviscid and viscous flow solutions on unstructured/hybrid grids, Doktora, M.ILGAZ(Öğrenci), 2007
- TUNCER İ. H. , Numerical and experimental investigation of flow through a cavitating venturi, Yüksek Lisans, B.YAZICI(Öğrenci), 2006
- TUNCER İ. H. , Computation of viscous flows over flapping airfoils and parallel optimization of flapping parameters,

Yüksek Lisans, M.KAYA(Öğrenci), 2003

TUNCER İ. H. , Tuncer İ., Yüksek hızlardaki akışlar için 1 boyutlu Euler denklemlerinin sonlu kimyasal denklemler ile sonlu hacimsel çözümleri, Yüksek Lisans, B.Erdem(Öğrenci), 2003

SELÇUK N., TUNCER İ. H. , Parallelization of a transient Navier-Stokes code based on method of lines solution, Yüksek Lisans, C.ERŞAHİN(Öğrenci), 2001

TUNCER İ. H. , Application of turbulence models to unsteady cascade flows in a parallel environment, Yüksek Lisans, N.AÇIKGÖZ(Öğrenci), 2001

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Aerodynamic shape optimization of wind turbine blades for minimizing power production losses due to icing**
Yirtici O., TUNCER İ. H.
COLD REGIONS SCIENCE AND TECHNOLOGY, cilt.185, 2021 (SCI İndekslerine Giren Dergi)
- II. **Investigation of wind turbine wakes and wake recovery in a tandem configuration using actuator line model with LES**
ÖNEL H. C. , TUNCER İ. H.
Computers and Fluids, cilt.220, 2021 (SCI Expanded İndekslerine Giren Dergi)
- III. **Numerical investigation of vortical flows over a close-coupled delta canard-wing configuration**
Yutuk K., Tikenogullari A., TUNCER İ. H.
COMPUTERS & FLUIDS, cilt.216, 2021 (SCI İndekslerine Giren Dergi)
- IV. **Aerodynamic validation studies on the performance analysis of iced wind turbine blades**
YIRTICI Ö., Cengiz K., ÖZGEN S., TUNCER İ. H.
COMPUTERS & FLUIDS, cilt.192, 2019 (SCI İndekslerine Giren Dergi)
- V. **Predictions of ice formations on wind turbine blades and power production losses due to icing**
YIRTICI Ö., ÖZGEN S., TUNCER İ. H.
WIND ENERGY, cilt.22, sa.7, ss.945-958, 2019 (SCI İndekslerine Giren Dergi)
- VI. **A Novel Alternating Cell Directions Implicit Method for the Solution of Incompressible Navier Stokes Equations on Unstructured Grids**
Bas O., ÇETE A. R. , Mengi S., TUNCER İ. H. , Kaynak U.
JOURNAL OF APPLIED FLUID MECHANICS, cilt.10, sa.6, ss.1561-1570, 2017 (SCI İndekslerine Giren Dergi)
- VII. **A Mach-uniform preconditioner for incompressible and subsonic flows**
Bas O., TUNCER İ. H. , Kaynak U.
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, cilt.74, sa.2, ss.100-112, 2014 (SCI İndekslerine Giren Dergi)
- VIII. **Optimization of Flapping Motion Parameters for Two Airfoils in a Biplane Configuration**
Kaya M., TUNCER İ. H. , Jones K. D. , Platzer M. F.
JOURNAL OF AIRCRAFT, cilt.46, sa.2, ss.583-592, 2009 (SCI İndekslerine Giren Dergi)
- IX. **A parallel gas-kinetic Bhatnagar-Gross-Krook method for the solution of viscous flows on two-dimensional hybrid grids**
İlgaz M., TUNCER İ. H.
INTERNATIONAL JOURNAL OF COMPUTATIONAL FLUID DYNAMICS, cilt.23, sa.10, ss.699-711, 2009 (SCI İndekslerine Giren Dergi)
- X. **A non-iterative pressure based scheme for the computation of reacting radiating flows**
Uygur A. B. , SELÇUK N., TUNCER İ. H.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, cilt.47, sa.3, ss.209-220, 2008 (SCI İndekslerine Giren Dergi)
- XI. **Nonsinusoidal path optimization of a flapping airfoil**
Kaya M., Tuncer I. H.
AIAA JOURNAL, cilt.45, sa.8, ss.2075-2082, 2007 (SCI İndekslerine Giren Dergi)
- XII. **Optimization of flapping airfoils for maximum thrust and propulsive efficiency**

- Tuncer I., Kaya M.
AIAA JOURNAL, cilt.43, sa.11, ss.2329-2336, 2005 (SCI İndekslerine Giren Dergi)
- XIII. **Viscous flow solutions over CN-235 cargo aircraft**
Uygun M., Tuncer I.
JOURNAL OF AIRCRAFT, cilt.41, sa.4, ss.940-944, 2004 (SCI İndekslerine Giren Dergi)
- XIV. **Parallelization of a transient method of lines Navier-Stokes code**
Ersahin C., Tarhan T., Tuncer I., Selcuk N.
INTERNATIONAL JOURNAL OF COMPUTATIONAL FLUID DYNAMICS, cilt.18, sa.1, ss.81-92, 2004 (SCI İndekslerine Giren Dergi)
- XV. **Thrust generation caused by flapping airfoils in a biplane configuration**
Tuncer I., Kaya M.
JOURNAL OF AIRCRAFT, cilt.40, sa.3, ss.509-515, 2003 (SCI İndekslerine Giren Dergi)
- XVI. **Computational investigation of flow through a louvered inlet configuration**
Tuncer I., Platzer M.
JOURNAL OF AIRCRAFT, cilt.39, sa.5, ss.903-906, 2002 (SCI İndekslerine Giren Dergi)
- XVII. **Computational study of flapping airfoil aerodynamics**
Tuncer I., Platzer M.
JOURNAL OF AIRCRAFT, cilt.37, sa.3, ss.514-520, 2000 (SCI İndekslerine Giren Dergi)
- XVIII. **Investigation of periodic boundary conditions in multipassage cascade flows using overset grids**
Tuncer İ. H. , Weber S., Sanz W.
JOURNAL OF TURBOMACHINERY-TRANSACTIONS OF THE ASME, cilt.121, sa.2, ss.341-347, 1999 (SCI İndekslerine Giren Dergi)
- XIX. **Computational study of subsonic flow over a delta canard-wing-body configuration**
Tuncer İ. H. , Platzer M.
JOURNAL OF AIRCRAFT, cilt.35, sa.4, ss.554-560, 1998 (SCI İndekslerine Giren Dergi)
- XX. **Potential flow solutions with wakes over an ogive cylinder**
Tuncer İ. H. , Platzer M.
JOURNAL OF SPACECRAFT AND ROCKETS, cilt.35, sa.3, ss.273-277, 1998 (SCI İndekslerine Giren Dergi)
- XXI. **Navier-Stokes analysis of subsonic flowfields over a missile configuration**
Tuncer İ. H. , Platzer M., VanDyken R.
JOURNAL OF SPACECRAFT AND ROCKETS, cilt.35, sa.2, ss.127-131, 1998 (SCI İndekslerine Giren Dergi)
- XXII. **Two-dimensional unsteady Navier-Stokes solution method with moving overset grids**
Tuncer İ. H.
AIAA JOURNAL, cilt.35, sa.3, ss.471-476, 1997 (SCI İndekslerine Giren Dergi)
- XXIII. **Thrust generation due to airfoil flapping**
Tuncer İ. H. , Platzer M.
AIAA JOURNAL, cilt.34, sa.2, ss.324-331, 1996 (SCI İndekslerine Giren Dergi)
- XXIV. **Viscous-inviscid interaction method for unsteady low-speed airfoil flows**
Tuncer İ. H. , Ekaterinaris J. A. , Platzer M. F.
AIAA Journal, cilt.33, sa.1, ss.151-153, 1995 (SCI İndekslerine Giren Dergi)
- XXV. **UNSTEADY AERODYNAMIC CHARACTERISTICS OF A DUAL-ELEMENT AIRFOIL**
TUNCER İ. H. , SANKAR L.
JOURNAL OF AIRCRAFT, cilt.31, sa.3, ss.531-537, 1994 (SCI İndekslerine Giren Dergi)
- XXVI. **NUMERICAL-SIMULATION OF 3-DIMENSIONAL SUPERSONIC FREE SHEAR LAYERS**
TUNCER İ. H. , SANKAR L.
AIAA JOURNAL, cilt.30, sa.4, ss.871-872, 1992 (SCI İndekslerine Giren Dergi)
- XXVII. **THEORETICAL AND NUMERICAL-STUDIES OF OSCILLATING AIRFOILS**
TUNCER İ. H. , WU J., WANG C.
AIAA JOURNAL, cilt.28, sa.9, ss.1615-1624, 1990 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **A comparative study of wake interactions between wind-aligned and yawed wind turbines using LES and actuator line models**
ÖNEL H. C. , TUNCER İ. H.
Journal of Physics: Conference Series, cilt.1618, 2020 (Diğer Kurumların Hakemli Dergileri)
- II. **Parallel processing of two-dimensional euler equations for compressible flows**
Doğru K., Aksel M., TUNCER İ. H.
Modelling, Measurement and Control B, cilt.77, ss.50-70, 2008 (Diğer Kurumların Hakemli Dergileri)

Kitap & Kitap Bölümleri

- I. **Transition Modeling for Low to High Speed Boundary Layer Flows with CFD Applications**
TUNCER İ. H. , BAŞ O., KAYNAK Ü., Çakmakcioğlu S. C.
Boundary Layer Flows - Theory, Applications and Numerical Methods, Vallampati Ramachandra Prasad, Editör, IntechOpen, London, ss.1-21, 2020
- II. **Non-sinusoidal Path Optimization of Flapping Airfoils in Biplane Configuration,**
KAYA M., TUNCER İ. H.
Lecture Notes in Computational Science and Engineering, Ismail H. Tuncer, Ulgen Gulcat, David Emerson, Kenichi Matsuno, Editör, Springer, Berlin, ss.59-66, 2009

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Adjoint Based Multi-Objective Optimization of Submerged Subsonic Intake**
Ahmed A., TUNCER İ. H.
18th International Bhurban Conference on Applied Sciences and Technologies, IBCAST 2021, Virtual, Islamabad, Pakistan, 12 - 16 Ocak 2021, ss.788-795
- II. **Estimation of Wake Induced Power Loss in Wind Turbines Using Actuator Line Model**
ÖNEL H. C. , TUNCER İ. H.
AIAA AVIATION 2020 FORUM, Nevada, Amerika Birleşik Devletleri, 15 - 19 Haziran 2020
- III. **Aerodynamic Performance Analyses of Iced Wind Turbine Blade Profile with Transitional DDES**
YALÇIN Ö., YIRTICI Ö., ÖZYÖRÜK Y., TUNCER İ. H.
10th Ankara International Aerospace Conference, 18 - 20 Eylül 2019
- IV. **DEVELOPMENT OF A 2D DISCRETE TURBULENT ADJOINT SOLVER USING AUTOMATIC DIFFERENTIATION**
Kaya H., TUNCER İ. H. , Tiftikci H.
10th ANKARA INTERNATIONAL AEROSPACE CONFERENCE, 18 - 20 Eylül 2019
- V. **OPENFOAM SIMULATION OF DUAL IN-LINE WIND TURBINES BASED ON ACTUATOR LINE**
ÖNEL H. C. , TUNCER İ. H.
10th ANKARA INTERNATIONAL AEROSPACE CONFERENCE, 18 - 20 Eylül 2019
- VI. **WIND FIELD SIMULATION IN A WIND FARM USING OPENFOAM AND ACTUATOR LINE MODEL**
ÖNEL H. C. , TUNCER İ. H.
31. International Conference on Parallel Computational Fluid Dynamics, 14 - 17 Mayıs 2019
- VII. **DESIGN OPTIMIZATION OF A 2-D SCRAMJET INLET**
başaran M., LEBLEBİCİ E., TUNCER İ. H.
31st International Conference on Parallel Computational Fluid Dynamics, 14 - 17 Mayıs 2019
- VIII. **Aerodynamic Shape Optimization for Reducing Ice Induced Losses on Wind Turbine Blades**
YIRTICI Ö., TUNCER İ. H.
31st International Conference on Parallel Computational Fluid Dynamics, 14 - 17 Mayıs 2019

- IX. Buzlanmış Rüzgar Türbini Palasında Performans Kayıp Analizi**
YIRTICI Ö., ÖZGEN S., TUNCER İ. H.
7. Ulusal Havacılık ve Uzay Konferansı, Samsun, Türkiye, 12 - 14 Eylül 2018
- X. OTOMATİK TÜREV ARAÇLARI İLE AYRIK ADJOINT ÇÖZÜCÜ GELİŞTİRİLMESİ**
Tuncer İ. H. , Kaya H., Tiftikçi H.
7. Havacılık ve Uzay Konferansı, Samsun, Türkiye, 12 - 14 Eylül 2018, ss.1-12
- XI. AKTÜATÖR ÇİZGİ METODU İLE BİR RÜZGAR TÜRBİNİNİN MODELLENMESİ VE HESAPLAMALI AKIŞ ÇÖZÜMÜ SONUÇLARININ DOĞRULANMASI**
Tuncer İ. H. , Önel H. C.
7. Ulusal Havacılık ve Uzay Konferansı, Samsun, Türkiye, 12 - 14 Eylül 2018, ss.0-8
- XII. Wind Turbine Performance Losses Due to the Ice Accretion on the Turbine Blades**
YIRTICI Ö., SEVİNE T., ÖZGEN S., TUNCER İ. H.
AIAA 2018 Joint Thermophysics and Heat Transfer Conference, Atlanta, Amerika Birleşik Devletleri, 25 - 29 Haziran 2018
- XIII. Aerodynamic Shape Optimization of Wind Turbine Blades for Reducing Icing Related Power Losses**
YIRTICI Ö., ÖZGEN S., TUNCER İ. H.
26th Annual Conference of the CFD Society of Canada, Winnipeg, Kanada, 10 - 12 Haziran 2018
- XIV. Performance Degradation Analysis of an Iced Turbine Blade by Using Detached-Eddy Simulation**
YIRTICI Ö., Cengiz K., TUNCER İ. H.
Parallel CFD 2018, Indianapolis, Amerika Birleşik Devletleri, 14 - 17 Mayıs 2018
- XV. WIND POTENTIAL/POWER ESTIMATION BASED ON UNSTEADY OpenFOAM SOLUTIONS COUPLED WITH WRF**
TUNCER İ. H.
15th International Bhurban Conference on Applied Sciences Technology - IBCAST, Islamabad, Pakistan, 9 - 12 Ocak 2018
- XVI. GRADIENT BASED AERODYNAMIC SHAPE OPTIMIZATION**
TUNCER İ. H.
15th International Bhurban Conference on Applied Sciences Technology - IBCAST, Islamabad, Pakistan, 9 - 12 Ocak 2018
- XVII. The Effect of Static Stability on the Short Range Flight Trajectory of a Countermunition**
Bent M., Dikbaş E., Tuncer İ. H.
2018 AIAA Atmospheric Flight Mechanics Conference, Florida, Amerika Birleşik Devletleri, 8 - 12 Ocak 2018
- XVIII. Wind turbine power production losses due to ice accretion on turbine blades**
Yirtici O., Sevine T., ÖZGEN S., TUNCER İ. H.
12th AIAA/ASME Joint Thermophysics and Heat Transfer Conference, 2018, [state] GA, Amerika Birleşik Devletleri, 25 - 29 Haziran 2018
- XIX. Coupling of a multibody simulation tool for rotary systems with an unsteady viscous flow solver**
Soğancı S., KAYRAN A., TUNCER İ. H.
AIAA Aerospace Sciences Meeting, 2018, Florida, Amerika Birleşik Devletleri, 8 - 12 Ocak 2018
- XX. ICING ON WIND TURBINE BLADE UNDER VARIOUS ATMOSPHERIC CONDITIONS**
YIRTICI Ö., ÖZGEN S., TUNCER İ. H.
9th Ankara International Aerospace Conference, Ankara, Türkiye, 20 - 22 Eylül 2017
- XXI. RECONSTRUCTION OF WINDSIM FLOWFIELDS BASED ON PROPER ORTHOGONAL DECOMPOSITION METHOD**
SEVİNE T., TUNCER İ. H.
9th Ankara International Aerospace Conference, Ankara, Türkiye, 20 - 22 Eylül 2017
- XXII. Validation of Parallel WRF Downscaling Methodology using OpenFOAM**
LEBLEBİCİ E., TUNCER İ. H.
Wind Energy Science Conference 2017, Lyngby, Danimarka, 26 - 29 Haziran 2017
- XXIII. Reconstruction of Atmospheric Flow Field and Wind Resource Estimation based on Proper Orthogonal Decomposition Method**

- SEVİNE T., LEBLEBİCİ E., KAYA M., TUNCER İ. H.
Wind Energy Science Conference, Lyngby, Danimarka, 26 - 29 Haziran 2017
- XXIV. **OpenFOAM Solutions Coupled with WRF for Wind Power Estimation**
LEBLEBİCİ E., TUNCER İ. H.
AIAA Aviation Forum, Denver, Amerika Birleşik Devletleri, 5 - 09 Haziran 2017
- XXV. **Parallel OpenFOAM - WRF Coupling Methodology and Comparison with Wind Mast Data**
LEBLEBİCİ E., TUNCER İ. H.
5th Symposium on OpenFOAM in Wind Energy, Pamplona, İspanya, 26 - 28 Nisan 2017
- XXVI. **Aerodynamic Shape Optimization of Wind Turbine Blades for Reducing Power Production Losses due to Ice Accretion**
YIRTICI Ö., TUNCER İ. H., ÖZGEN S.
AIAA Scitech Conference, Dallas, Amerika Birleşik Devletleri, 9 - 13 Ocak 2017
- XXVII. **Ice Accretion Prediction on Wind Turbines and Consequent Power Losses**
YIRTICI Ö., TUNCER İ. H., ÖZGEN S.
Conference on Science of Making Torque from Wind (TORQUE), Munich, Almanya, 5 - 07 Ekim 2016, cilt.753
- XXVIII. **RANS VE PAL ELEMENLARI YÖNTEMİ İLE YATAY EKSENLİ RÜZGAR TÜRBİNİ PERFORMANS ANALİZİ**
YIRTICI Ö., TUNCER İ. H.
6. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Türkiye, 28 - 30 Eylül 2016
- XXIX. **OPENFOAM'UN WRF İLE AKUPLE EDİLMESİ VE RÜZGAR POTANSİYELİ TAHMİNİ**
LEBLEBİCİ E., TUNCER İ. H.
6. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Türkiye, 28 - 30 Eylül 2016
- XXX. **SES-ÜSTÜ KANARD KONTROLLÜ FÜZELER İÇİN SERBEST DÖNEN KUYRUĞUN ŞEKİL OPTİMİZASYONU**
Feyzioğlu E., TUNCER İ. H.
6. Ulusal Havacılık ve Uzay Konferansı, Türkiye, 28 - 30 Eylül 2016
- XXXI. **ATMOSFERİK AKIŞLARIN NÜMERİK ÇÖZÜMÜ VE POD YÖNTEMİYLE YENİDEN OLUŞTURULMASI**
SEVİNE T., LEBLEBİCİ E., KAYA M., TUNCER İ. H.
6. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Türkiye, 28 - 30 Eylül 2016
- XXXII. **HELİKOPTER PALLERİNİN ÇOKLU KÜTLELİ BENZETİM ARACI VE İKİ BOYUTLU PANEL TABANLI AKIŞ ÇÖZÜCÜSÜ İLE ETKİLEŞİMLİ ANALİZİ**
Soğancı S., KAYRAN A., TUNCER İ. H.
6. Ulusal Havacılık ve Uzay Konferansı, Kocaeli, Türkiye, 28 - 30 Eylül 2016
- XXXIII. **Development of OpenFOAM - WRF Coupling Methodology for Wind Power Production Estimations**
LEBLEBİCİ E., TUNCER İ. H.
SOWE 2016 The Fourth Symposium on OpenFOAM in Wind Energy, Delft, Hollanda, 2 - 05 Mayıs 2016
- XXXIV. **Ice Accretion Prediction on Wind Turbine Blades Under Atmospheric Icing Conditions**
Yırtıcı Ö., ÖZGEN S., TUNCER İ. H.
11. EAWE PhD Seminar on Wind Energy in Europe, Stuttgart, Almanya, 23 - 25 Eylül 2015
- XXXV. **AERODYNAMIC SHAPE OPTIMIZATION OF WIND TURBINE BLADES BASED ON BEM METHODOLOGY AND GENETIC ALGORITHM**
TUNCER İ. H.
IBCAST 2016 - 13th International Bhurban Conference on Applied Sciences and Technology, Islamabad, Pakistan, 12 - 16 Ocak 2016
- XXXVI. **MICRO-SCALE ATMOSPHERIC FLOW SOLUTIONS COUPLED WITH A MESO-SCALE WEATHER PREDICTION MODEL**
TUNCER İ. H.
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- XXXVII. **Wind Power Estimations using OpenFOAM Coupled with WRF**
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Atıflar

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Davetli Konuşmalar

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