

Asst. Prof. Osman Taha Şen

Personal Information

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Education Information

Doctorate, The Ohio State University, United States Of America 2008 - 2012

Post Graduate, The Ohio State University, United States Of America 2008 - 2011

Post Graduate, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 2005 - 2007

Under Graduate, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 2000 - 2005

Foreign Languages

English

Dissertations

Doctorate, Dynamic analysis of speed-dependent friction-induced torque in a nonlinear brake system, The Ohio State University, 2012

Post Graduate, Mixed lubrication analysis of laser textured cylinder bores, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, 2007

Research Areas

Technical Sciences, Mechanical Engineering, Machine Theory and Dynamics, Vehicle Systems Dynamics, Acoustics and Noise Control, Modeling and Simulation of Dynamic Systems, Mechanical Vibrations

Academic Titles / Tasks

Assistant Professor, İstanbul Teknik Üniversitesi, Makina Fakültesi, Makina Mühendisliği, 2018 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, Makina Fakültesi, Makina Mühendisliği, 2018 - 2018

Lecturer PhD, İstanbul Teknik Üniversitesi, Makina Fakültesi, Makina Mühendisliği, 2013 - 2018

Research Assistant, İstanbul Teknik Üniversitesi, Makina Fakültesi, Makina Mühendisliği, 2006 - 2013

Research Assistant, The Ohio State University, Mechanical And Aerospace Engineering, Mechanical And Aerospace Engineering, 2008 - 2012

Jury Memberships

Award, Uluslar Young Professional Award, International Institute of Noie Control Engineering, August, 2017

Supported Projects

Şen O. T. , Project Supported by Higher Education Institutions, INSİGHT İNTO BRAKE SQUEAL SOURCE MECHANİSM CONSIDERİNG KİNEMATIC NONLINEARİTY AND PAD-DİSC SEPARATİON, 2015 - 2018

Şen O. T. , Project Supported by Higher Education Institutions, Suppression of multiple order friction torque fluctuations with modulated actuation pressure, 2013 - 2018

Şen O. T. , Project Supported by Higher Education Institutions, Forced Response of a Nonlinear Translating Brake Band in the Presence of Friction Guides, 2013 - 2018

Şen O. T. , Project Supported by Higher Education Institutions, Dynamic Analysis of Stick-Slip Oscillations on a Translating Friction Band, 2015 - 2016

Scientific Refereeing

Journal of Sound and Vibration, SCI Journal, December 2017

TUBITAK Project, November 2017

TUBITAK Project, November 2017

TUBITAK Project, July 2017

Nonlinear Dynamics, SCI Journal, April 2017

Noise Control Engineering Journal, SCI Journal, January 2017

Mechanical Systems and Signal Processing, SCI Journal, August 2016

TUBITAK Project, June 2016

TUBITAK Project, May 2016

Journal of Sound and Vibration, SCI Journal, April 2016

TUBITAK Project, April 2016

TUBITAK Project, December 2015

TUBITAK Project, December 2015

TUBITAK Project, November 2015

TUBITAK Project, November 2015

TUBITAK Project, September 2015

Noise Control Engineering Journal, SCI Journal, July 2015

TUBITAK Project, June 2015

TUBITAK Project, May 2015

TUBITAK Project, March 2015

Journal of Sound and Vibration, SCI Journal, December 2014

Noise Control Engineering Journal, SCI Journal, September 2014

TUBITAK Project, August 2014

TUBITAK Project, August 2014

Journal of Sound and Vibration, SCI Journal, July 2014

TUBITAK Project, July 2014

TUBITAK Project, June 2014

TUBITAK Project, March 2014

Journal of Sound and Vibration, SCI Journal, December 2013

Noise Control Engineering Journal, SCI Journal, November 2013

Noise Control Engineering Journal, SCI Journal, February 2013

Scientific Consultations

Mercedes-Benz TÜRK, Project Consultancy, İstanbul Teknik Üniversitesi, Makina Fakültesi, Makina Mühendisliği, Turkey, 2016 - 2017

Invited Congress and Symposium Activities

INTER-NOISE 2017, Attendee, Victoria-City, Hong Kong, 2017

11. Ulusal Akustik Kongresi, Attendee, İstanbul, Turkey, 2015

INTER-NOISE 2015, Attendee, California, United States Of America, 2015

Interntational Congress on Advanced Railway Engineering, Attendee, İstanbul, Turkey, 2015

5th Conference on Nonlinear Vibrations, Attendee, İstanbul, Turkey, 2014

IMAC XXXII, Attendee, Florida, United States Of America, 2014

10. Ulusal Akustik Kongresi, Attendee, İstanbul, Turkey, 2013

INTER-NOISE 2013, Attendee, Innsbruck, Austria, 2013

IMAC XXXI, Attendee, California, United States Of America, 2013

INTER-NOISE 2012, Attendee, New-York, United States Of America, 2012

Citations

Total Citations (WOS):29

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