

Onur Cem Namli



Yar. Doç. Dr.

onur.namli@yeditepe.edu.tr

Ofis: A-714

Tel: 5780000-1408

Araştırma Alanları

Katı mekaniği, Kompozit malzemeler, Şekil hafızalı malzemeler, Enerji dönüştürücü sistemler ve cihazlar, Piezoelektrik kompozitler

Biyografi

PhD: University of Washington - 2012

MS: Marmara Üniversitesi – 2005

BS: Marmara Üniversitesi- 2002

Yayımlar

“New fastener system for laminated composites by Fe-based Shape Memory Alloy” Yasuda, Hiromi; Namli, Onur C; Liang, Yuanchang and Taya, Minoru, Proceedings of the 34th Risø International Symposium on Materials Science: Processing of fibre composites, challenges for maximum materials performance, 2013

“Design of two-way reversible bending actuator based on a shape memory alloy/shape memory polymer composite” Taya, Minoru; Liang, Yuanchang; Namli, Onur C; Tamagawa, Hirohisa and Howie, Tucker, Smart Materials and Structures, 2013, v 22, issue 10, 105003

“Fatigue Properties of NiTi Shape Memory Alloy Thin Plates” Yamamoto, Hiroshi; Taya, Minoru; Liang, Yuanchang; Namli, Onur C.; Saito Makoto, Proc. SPIE 8689, Behavior and Mechanics of Multifunctional Materials and Composites 2013, 86890S,

“Design of piezo-SMA composite for thermal energy harvester under fluctuating temperature” Namli, Onur C. and Taya, Minoru, Journal of Applied Mechanics, v 78, n 3, p 031001 (8 pp.), May 2011

“Analytical modeling of piezo-SMA composite for thermal energy harvesting” Taya, Minoru and Namli, Onur C., 8th International Congress on Thermal Stresses, University of Illinois at Urbana-Champaign, Illinois, USA, 2009

“Design of Active Composites”, Taya, Minoru; Namli, Onur C.; Howie, Tucker, “Design of Active Composites”, Final report for AFOSR, Defense Technical Information Center (DTIC), March 2009

“Modeling of piezo-SMA composites for thermal energy harvester” Namli, Onur C. (Dept. of Mech. Eng., Washington Univ., Seattle, WA, USA); Jae-Kon Lee; Taya, Minoru, Proceedings of the SPIE - The International Society for Optical Engineering, v 6526, p 65261L (12 pp.), 2007

“Design of active composites” Taya, Minoru; Gururaja, Shuasini; Namli, Onur C. and Lee, Jae Kon. Proceedings of the SPIE - The International Society for Optical Engineering, v 6526, p 652614 (7 pp.), 2007

Dersler

Güz: ME 101 Makine Mühendisliğine Giriş, ME 241 Statik, ME 371 Makine Mühendisliğinde Sayısal Yöntemler, ME 446 Kompozit Malzemelerin Mekaniği, ES 272 Sayısal Yöntemler

Bahar: ME 246 Malzemelerin Mukavemeti, ME 264 Makine Mühendisliği için Malzeme Bilimi, ME 266 Katı Mekaniği Laboratuvarı

Web

<http://me.yeditepe.edu.tr/>