

Prof. MEHMET ZÜLFÜ AŞIK

Personal Information

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Education Information

Doctorate, Texas Tech University, United States Of America 1989 - 1993

Post Graduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1982 - 1985

Under Graduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1977 - 1982

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Vertical Vibration Analysis of Rigid Footings on a Soil Layer with a Rigid Base,, Texas Tech University, 1993

Post Graduate, Dynamic Analysis of Framed Off-Shore Structures, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1985

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 2007 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 1999 - 2007

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 1994 - 1999

Advising Theses

AŞIK M. Z. , Three layer mathematical modelling of an elastic artery without and with aneurysm to predict the behavior, Post Graduate, H.JODATI(Student), 2015

AŞIK M. Z. , Modeling of seismically excited structures using neural networks, Post Graduate, A.ERSİN(Student), 1998

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **A mathematical model for the behavior of laminated uniformly curved glass beams**
AŞIK M. Z. , DURAL E., YETMEZ M., Uzhan T.
COMPOSITES PART B-ENGINEERING, vol.58, pp.593-604, 2014 (Journal Indexed in SCI)

- **ASSESSMENT OF RPIM SHAPE PARAMETERS FOR SOLUTION ACCURACY OF 2D GEOMETRICALLY NONLINEAR PROBLEMS**
BOZKURT Ö. Y. , KANBER B., AŞIK M. Z.
INTERNATIONAL JOURNAL OF COMPUTATIONAL METHODS, vol.10, 2013 (Journal Indexed in SCI)
- **Effect of support conditions on the vibration of laminated composite beams**
Asik M. Z. , Dural E.
JOURNAL OF VIBRATION AND CONTROL, vol.13, pp.1361-1368, 2007 (Journal Indexed in SCI)
- **Non-linear response of a layered medium**
Asik M. Z. , Isbuga V.
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- **Laminated glass beams: Strength factor and temperature effect**
Asik M., Tezcan S.
COMPUTERS & STRUCTURES, vol.84, pp.364-373, 2006 (Journal Indexed in SCI)
- **A mathematical model for the behavior of laminated glass beams**
Asik M., Tezcan S.
COMPUTERS & STRUCTURES, vol.83, pp.1742-1753, 2005 (Journal Indexed in SCI)
- **Laminated glass plates: revealing of nonlinear behavior**
Asik M.
COMPUTERS & STRUCTURES, vol.81, pp.2659-2671, 2003 (Journal Indexed in SCI)
- **A simplified model for the analysis of machine foundations on a nonsaturated, elastic and linear soil layer**
Asik M., Vallabhan C.
COMPUTERS & STRUCTURES, vol.79, pp.2717-2726, 2001 (Journal Indexed in SCI)
- **Dynamic response analysis of the machine foundations on a nonhomogeneous soil layer**
Asik M.
COMPUTERS AND GEOTECHNICS, vol.24, pp.141-153, 1999 (Journal Indexed in SCI)
- **Analysis of structural glazing systems**
Vallabhan C., Asik M., Kandil K.
COMPUTERS & STRUCTURES, vol.65, pp.231-239, 1997 (Journal Indexed in SCI)
- **On the convergence of nonlinear plate solutions**
Asik M., Vallabhan C.
COMPUTERS & STRUCTURES, vol.65, pp.225-229, 1997 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Effect of Delamination on the Strength of Laminated Glass Plate Structures**
AŞIK M. Z. , DURAL E.
International Conference on Mechanical Structures and Smart Materials (ICMSSM 2013), Xiamen, China, 16 - 17 November 2013, vol.487, pp.181-182
- **3-D model for the analysis of rectangular machine foundations on a soil layer**
Asik M.
6th International Symposium on Numerical Models in Geomechanics (NUMOG VI), Montreal, Canada, 2 - 04 July 1997, pp.549-554

Citations

Total Citations (WOS):197

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