

Prof. MEHMET ZÜLFÜ AŞIK

Personal Information

Email: azulfu@metu.edu.tr

Web: <https://avesis.metu.edu.tr/azulfu>

Education Information

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

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

Undergraduate, 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

Postgraduate, 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, Postgraduate, H.JODATI(Student), 2015

AŞIK M. Z. , Experimental analysis of curved laminated beam, Postgraduate, T.Uzhan(Student), 2010

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

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

- I. 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)

II. 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, no.3, 2013 (Journal Indexed in SCI)

III. 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)

IV. Non-linear response of a layered medium

Asik M. Z. , Isbuga V.

JOURNAL OF VIBRATION AND CONTROL, vol.13, pp.1313-1320, 2007 (Journal Indexed in SCI)

V. Laminated glass beams: Strength factor and temperature effect

Asik M., Tezcan S.

COMPUTERS & STRUCTURES, vol.84, pp.364-373, 2006 (Journal Indexed in SCI)

VI. 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)

VII. Laminated glass plates: revealing of nonlinear behavior

Asik M.

COMPUTERS & STRUCTURES, vol.81, pp.2659-2671, 2003 (Journal Indexed in SCI)

VIII. 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, no.31, pp.2717-2726, 2001 (Journal Indexed in SCI)

IX. Dynamic response analysis of the machine foundations on a nonhomogeneous soil layer

Asik M.

COMPUTERS AND GEOTECHNICS, vol.24, no.2, pp.141-153, 1999 (Journal Indexed in SCI)

X. Analysis of structural glazing systems

Vallabhan C., Asik M., Kandil K.

COMPUTERS & STRUCTURES, vol.65, no.2, pp.231-239, 1997 (Journal Indexed in SCI)

XI. On the convergence of nonlinear plate solutions

Asik M., Vallabhan C.

COMPUTERS & STRUCTURES, vol.65, no.2, pp.225-229, 1997 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Effect of Delamination on the Strength of Laminated Glass Plate Structures

AŞIK M. Z. , DURAL E.

Applied Mechanics and Materials, 2014 (Refereed Journals of Other Institutions)

II. Comparison of stress distribution around vertical and angled implants with finite element analysis

CANAY R. Ş. , HERSEK N. E. , AKPINAR İ., AŞIK M. Z.

Journal of Practical Dentistry: Quintessence International, 1996 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. Mathematical Modeling for the analysis of Laminated Glass Plates with Simple Free Boundary Conditions

AŞIK M. Z.

Shanghai International Conference on "Engineering & Technology, Computer , Basic & Applied Sciences, 21 - 22 December 2015

II. 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

III. 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):208

h-index (WOS):6