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International Researcher IDs

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Publons / Web Of Science ResearcherID: E-7468-2018

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Education Information

Doctorate, Cukurova University, Mühendislik Mimarlık, İnşaat Mühendisliği, Turkey 1996 - 1999

Postgraduate, Cukurova University, Mühendislik Mimarlık, İnşaat Mühendisliği, Turkey 1994 - 1996

Undergraduate, Middle East Technical University, Faculty Of Engineering, İnşaat Mühendisliği, Turkey 1987 - 1992

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Kesit Değişikliği Olan Güçlendirilmiş Boşluklu Deprem Perdelerinin Dinamik Analizi. , Cukurova University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, 1999

Postgraduate, Boşluklu Deprem Perdelerinin Yatay Yüklere Karşı Güçlendirilmesi, Cukurova University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, 1996

Research Areas

Mechanics of Solid Bodies, Civil Engineering, Mechanical, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Applied element method and Finite element method for progressive collapse assessment: A comparative study on the influence of slab types, thicknesses, and damping via three incremental**

column removals

YÜZBAŞI J., ARSLAN H. M.

Structures, vol.73, 2025 (SCI-Expanded)

- II. **Dynamic analysis of non-planar coupled shear walls with stiffening beams using Continuous Connection Method**
Aksogan O., Turkozer C. D., Emsen E., Resatoglu R.
THIN-WALLED STRUCTURES, vol.82, pp.95-104, 2014 (SCI-Expanded)
- III. **Investigation of the effect of shell plan-form dimensions on mode-shapes of the laminated composite cylindrical shallow shells using SDSST and FEM**
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STEEL AND COMPOSITE STRUCTURES, vol.12, no.4, pp.303-324, 2012 (SCI-Expanded)
- IV. **Static analysis of laterally arbitrarily loaded non-planar non-symmetrical coupled shear walls**
Resatoglu R., Aksogan O., Emsen E.
THIN-WALLED STRUCTURES, vol.48, no.9, pp.696-708, 2010 (SCI-Expanded)
- V. **Effects of anisotropy and curvature on free vibration characteristics of laminated composite cylindrical shallow shells**
Doğan A., Arslan H. M., Yerli H. R.
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- VI. **EFFECT OF CIRCULAR HOLES ON CROSS-PLY LAMINATED COMPOSITE PLATES**
ARSLAN H. M., Kaltakci M. Y., YERLİ H. R.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.34, pp.301-315, 2009 (SCI-Expanded)
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SCIENTIFIC RESEARCH AND ESSAYS, vol.4, no.4, pp.328-345, 2009 (SCI-Expanded)
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DOĞAN A., ARSLAN H. M.
SCIENTIFIC RESEARCH AND ESSAYS, vol.4, no.4, pp.226-238, 2009 (SCI-Expanded)
- IX. **A simplified dynamic analysis of multi-bay stiffened coupled shear walls**
AKSOGAN O., BIKCE M., EMSEN E., Arslan H. M.
ADVANCES IN ENGINEERING SOFTWARE, vol.38, pp.552-560, 2007 (SCI-Expanded)
- X. **Stress concentrations in fiber reinforced composite plates containing circular holes subjected to shear stress**
Arslan H. M.
KUWAIT JOURNAL OF SCIENCE & ENGINEERING, vol.34, pp.1-18, 2007 (SCI-Expanded)
- XI. **Stress concentrations of symmetrically laminated composite plates containing circular holes**
KALTAKCI M. Y., Arslan H. M.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION B-ENGINEERING, vol.30, pp.447-460, 2006 (SCI-Expanded)
- XII. **Sulfate resistance of plain and blended cement**
Binici H., Aksogan O.
CEMENT & CONCRETE COMPOSITES, vol.28, no.1, pp.39-46, 2006 (SCI-Expanded)
- XIII. **Effect of anisotropy on laminated composite plates containing circular holes**
Arslan H. M.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.12, no.3, pp.207-213, 2005 (SCI-Expanded)
- XIV. **A study on cement mortars incorporating plain Portland cement (PPC), ground granulated blast-furnace slag (GGBFS) and basaltic pumice**
Binici H., Aksogan O., Kaplan H.
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- XV. **Investigation of fibre reinforced mud brick as a building material**
Binici H., Aksogan O., Shah T.

- CONSTRUCTION AND BUILDING MATERIALS, vol.19, no.4, pp.313-318, 2005 (SCI-Expanded)
- XVI. **An integral transform technique applied to unbonded contact problems of a layer**
AKSOGAN O., AKAVCI S., Arslan H. M.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY, vol.28, pp.1-8, 2004 (SCI-Expanded)
- XVII. **Stiffened multi-bay coupled shear walls on elastic foundation**
BIKCE M., AKSOGAN O., Arslan H. M.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY, vol.28, pp.43-52, 2004 (SCI-Expanded)
- XVIII. **Free vibrations of flexibly connected elastically supported stiffened coupled shear walls with stepwise changes in width**
Arslan H. M., AKSOGAN O., CHOO B.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY, vol.28, pp.605-614, 2004 (SCI-Expanded)
- XIX. **Buckling of a conical thin shell with variable thickness under a dynamic loading**
Sofiyev A., Aksogan O.
JOURNAL OF SOUND AND VIBRATION, vol.270, pp.903-915, 2004 (SCI-Expanded)
- XX. **Forced vibration analysis of stiffened coupled shear walls using continuous connection method**
AKSOGAN O., Arslan H. M., CHOO B.
ENGINEERING STRUCTURES, vol.25, no.4, pp.499-506, 2003 (SCI-Expanded)
- XXI. **Stiffened coupled shear walls on elastic foundation with flexible connections and stepwise changes in width**
AKSOGAN O., Arslan H. M., AKAVCI S.
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- XXII. **Non-linear free vibration analysis of laminated non-homogeneous orthotropic cylindrical shells**
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- XXIII. **Dynamic buckling of a cylindrical shell with variable thickness subject to a time-dependent external pressure varying as a power function of time**
Aksogan O., Sofiyev A.
JOURNAL OF SOUND AND VIBRATION, vol.254, no.4, pp.693-702, 2002 (SCI-Expanded)
- XXIV. **The non-linear analysis of flexibly connected space frames**
ERDEM H., AKSOGAN O., Arslan H. M.
COMMUNICATIONS IN NUMERICAL METHODS IN ENGINEERING, vol.18, no.7, pp.529-535, 2002 (SCI-Expanded)
- XXV. **The dynamic stability of a laminated truncated conical shell with variable elasticity moduli and densities subject to a time-dependent external pressure**
Aksogan O., Sofiyev A.
JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN, vol.37, no.3, pp.201-210, 2002 (SCI-Expanded)
- XXVI. **The dynamic stability of a nonhomogeneous orthotropic elastic truncated conical shell under a time dependent external pressure**
Sofiyev A., Aksogan O.
STRUCTURAL ENGINEERING AND MECHANICS, vol.13, no.3, pp.329-343, 2002 (SCI-Expanded)
- XXVII. **A SPECIMEN FOR DETERMINING FRACTURE PROPERTIES UNDER COMBINED MODES, I, II, AND III CRACK-TIP CONDITIONS**
HYDE T., AKSOGAN O.
JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN, vol.29, no.1, pp.1-6, 1994 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. **Dynamic Analysis of 3-D Coupled Shear Walls with Changes in Cross-Section Using Continuous Connection Method**
Turkozer C. D., Emsen E., Aksogan O.

10th Biennial International Conference on Vibration Problems (ICOVP), Prague, Czech Republic, 5 - 08 September 2011, pp.44-50

II. Dynamic Analysis of Non-Planar Coupled Shear Walls with Stiffeners using a Continuous Connection Method

Turkozer C. D., Aksogan O., Emsen E., Resatoglu R.

10th International Conference on Computational Structures Technology, Valencia, Spain, 14 - 17 September 2010, vol.93

III. A comparative study on the dynamic analysis of multi-bay stiffened coupled shear walls with semi-rigid connections

Aksogan O., Choo B. S., Bikce M., Emsen E., Resatoglu R.

7th International Conference on Vibration Problems (ICOVP 2005), İstanbul, Turkey, 5 - 09 September 2005, vol.111, pp.15-16

IV. The dynamic stability of a laminated nonhomogeneous elastic cylindrical shell

Aksogan O., Sofiyev A., Zerin Z.

International Conference on Steel Structures of the 2000's, İstanbul, Turkey, 11 - 13 September 2000, pp.221-226

V. ULTIMATE CAPACITIES OF FRAMES WITH STRAIN-SOFTENING CONNECTIONS

AKSOGAN O., MISTIKOGLU G., AKAVCI S.

3rd International Conference on Steel and Aluminium Structures (ICSAS 95), İstanbul, Turkey, 24 - 26 May 1995, pp.231-238

Supported Projects

ARSLAN H. M., Oluğ H. B., Project Supported by Higher Education Institutions, Riskli Yapı Tespit Yönetmeliği ve TDY2007 Karşılaştırılması NAMIK KEMAL İLKÖĞRETİM OKULU, 2018 - 2019

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