

## Prof. Dr. HACI MURAT ARSLAN

### Kişisel Bilgiler

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

Yoksis Araştırmacı ID: 101960

### Eğitim Bilgileri

Doktora, Çukurova Üniversitesi, Mühendislik Mimarlık, İnşaat Mühendisliği, Türkiye 1996 - 1999

Yüksek Lisans, Çukurova Üniversitesi, Mühendislik Mimarlık, İnşaat Mühendisliği, Türkiye 1994 - 1996

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, Türkiye 1987 - 1992

### Yabancı Diller

İngilizce, B1 Orta

### Yaptığı Tezler

Doktora, Kesit Değişikliği Olan Güçlendirilmiş Boşluklu Deprem Perdelerinin Dinamik Analizi, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, 1999

Yüksek Lisans, Boşluklu Deprem Perdelerinin Yatay Yüklere Karşı Güçlendirilmesi, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, 1996

### Araştırma Alanları

Katı Cisimler Mekaniği, İnşaat Mühendisliği, Mekanik, Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Prof. Dr., Çukurova Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2013 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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**

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- II. **Dynamic analysis of non-planar coupled shear walls with stiffening beams using Continuous Connection Method**  
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THIN-WALLED STRUCTURES, cilt.82, ss.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**  
Dogan A., ARSLAN H. M.  
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- IV. **Static analysis of laterally arbitrarily loaded non-planar non-symmetrical coupled shear walls**  
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THIN-WALLED STRUCTURES, cilt.48, sa.9, ss.696-708, 2010 (SCI-Expanded)
- V. **Effects of anisotropy and curvature on free vibration characteristics of laminated composite cylindrical shallow shells**  
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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, cilt.34, ss.301-315, 2009 (SCI-Expanded)
- VII. **Non-planar coupled shear walls with stiffening beams**  
Emsen E., Turkozer C. D., Aksogan O., Resatoglu R., Bikce M.  
SCIENTIFIC RESEARCH AND ESSAYS, cilt.4, sa.4, ss.328-345, 2009 (SCI-Expanded)
- VIII. **Effects of curvature on free vibration characteristics of laminated composite cylindrical shallow shells**  
DOĞAN A., ARSLAN H. M.  
SCIENTIFIC RESEARCH AND ESSAYS, cilt.4, sa.4, ss.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, cilt.38, ss.552-560, 2007 (SCI-Expanded)
- X. **Stress concentrations in fiber reinforced composite plates containing circular holes subjected to shear stress**  
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- 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, cilt.30, ss.447-460, 2006 (SCI-Expanded)
- XII. **Sulfate resistance of plain and blended cement**  
Binici H., Aksogan O.  
CEMENT & CONCRETE COMPOSITES, cilt.28, sa.1, ss.39-46, 2006 (SCI-Expanded)
- XIII. **Effect of anisotropy on laminated composite plates containing circular holes**  
Arslan H. M.  
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- 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, cilt.19, sa.4, ss.313-318, 2005 (SCI-Expanded)
- XVI. **An integral transform technique applied to unbonded contact problems of a layer**  
AKSOĞAN O., AKAVCI S., Arslan H. M.  
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- XVII. **Stiffened multi-bay coupled shear walls on elastic foundation**  
BIKCE M., AKSOĞAN O., Arslan H. M.  
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- XVIII. **Free vibrations of flexibly connected elastically supported stiffened coupled shear walls with stepwise changes in width**  
Arslan H. M., AKSOĞAN O., CHOO B.  
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- XIX. **Buckling of a conical thin shell with variable thickness under a dynamic loading**  
Sofiyev A., Aksogan O.  
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- XX. **Forced vibration analysis of stiffened coupled shear walls using continuous connection method**  
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- XXI. **Stiffened coupled shear walls on elastic foundation with flexible connections and stepwise changes in width**  
AKSOĞAN O., Arslan H. M., AKAVCI S.  
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- XXII. **Non-linear free vibration analysis of laminated non-homogeneous orthotropic cylindrical shells**  
Sofiyev A., Aksogan O.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART K-JOURNAL OF MULTI-BODY DYNAMICS, cilt.217, sa.4, ss.293-300, 2003 (SCI-Expanded)
- 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.  
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- XXIV. **The non-linear analysis of flexibly connected space frames**  
ERDEM H., AKSOĞAN O., Arslan H. M.  
COMMUNICATIONS IN NUMERICAL METHODS IN ENGINEERING, cilt.18, sa.7, ss.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.  
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- 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, cilt.13, sa.3, ss.329-343, 2002 (SCI-Expanded)
- XXVII. **A SPECIMEN FOR DETERMINING FRACTURE PROPERTIES UNDER COMBINED MODES, I, II, AND III CRACK-TIP CONDITIONS**  
HYDE T., AKSOĞAN O.  
JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN, cilt.29, sa.1, ss.1-6, 1994 (SCI-Expanded)

## **Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler**

- 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, Çek Cumhuriyeti, 5 - 08 Eylül 2011, ss.44-50

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

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**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.

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**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, Türkiye, 11 - 13 Eylül 2000, ss.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, Türkiye, 24 - 26 Mayıs 1995, ss.231-238

## **Desteklenen Projeler**

ARSLAN H. M., Oluğ H. B., Yükseköğretim Kurumları Destekli Proje, Riskli Yapı Tespit Yönetmeliği ve TDY2007 Karşılaştırılması NAMIK KEMAL İLKÖĞRETİM OKULU, 2018 - 2019

## **Metrikler**

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