

## Asst. Prof. AHMAD RESHAD NOORI

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Turkey 2014 - 2019

Undergraduate, Anadolu University, İşletme Fakültesi, İşletme Bölümü, Turkey 2014 - 2019

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 2011 - 2013

Undergraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2007 - 2011

Undergraduate Double Major, Cukurova University, Mühendislik-Mimarlık Fakültesi, Çevre Mühendisliği Bölümü, Turkey 2007 - 2011

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Axisymmetric bending and flexural vibration analysis of heterogeneous (FGM) circular plates, Cukurova University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), 2019

Postgraduate, Eksenel dönel simetrik kabuk problemlerinin dinamik analizi için alternatif çözüm metodu, Cukurova University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), 2013

### Research Areas

Mechanics of Solid Bodies, Mechanical, Structural Mechanics, Building Dynamics

### Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, FACULTY OF ENGINEERING AND ARCHITECTURE, CIVIL ENGINEERING (ENGLISH), 2019 - Continues

## Academic and Administrative Experience

Istanbul Gelisim University, 2021 - Continues

Istanbul Gelisim University, 2021 - 2021

## Courses

Structural Analysis I, Undergraduate, 2020 - 2021

YAPI STATİĞİ II, Undergraduate, 2020 - 2021, 2019 - 2020

STEEL STRUCTURES, Undergraduate, 2020 - 2021

Yapı Mekaniğinde Nümerik Metotlar, Doctorate, 2020 - 2021

STRUCTURAL ANALYSIS II, Undergraduate, 2020 - 2021, 2019 - 2020

ÇELİK YAPILAR, Undergraduate, 2020 - 2021

Computer Aided Technical Drawing, Undergraduate, 2020 - 2021

Yapı Statiği 1, Undergraduate, 2020 - 2021, 2019 - 2020

Bilgisayar Destekli Teknik Resim, Undergraduate, 2020 - 2021

İLERİ YAPI DİNAMİĞİ, Postgraduate, 2019 - 2020

DİNAMİK, Undergraduate, 2019 - 2020

STATICS, Undergraduate, 2019 - 2020

SONLU ELEMENLAR METODU, Doctorate, 2019 - 2020

STATİK, Undergraduate, 2019 - 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Static Response of Functionally Graded Porous Circular Plates via Finite Element Method**  
Doori S. G. M., NOORI A. R., Etemadi A.  
Arabian Journal for Science and Engineering, vol.49, no.10, pp.14167-14181, 2024 (SCI-Expanded)
- II. **Static analysis of functionally graded porous beam-column frames by the complementary functions method**  
Rasooli H., NOORI A. R., TEMEL B.  
Structures, vol.62, 2024 (SCI-Expanded)
- III. **An efficient approach for free vibration analysis of functionally graded sandwich beams of variable cross-section**  
ASLAN T. A., NOORI A. R., TEMEL B.  
Structures, vol.58, 2023 (SCI-Expanded)
- IV. **A powerful numerical approach for the axisymmetric bending response of shear deformable two-directional functionally graded (2D-FG) plates with variable thickness**  
NOORI A. R., TEMEL B.  
Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, vol.235, no.22, pp.6370-6387, 2021 (SCI-Expanded)
- V. **On the static analysis of laminated composite frames having variable cross section**  
Rasooli H., Noori A. R., TEMEL B.  
Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol.43, no.5, 2021 (SCI-Expanded)
- VI. **Dynamic Analysis of Functionally Graded Porous Beams Using Complementary Functions Method in the Laplace Domain**  
Noori A. R., ASLAN T. A., TEMEL B.  
Composite Structures, vol.256, 2021 (SCI-Expanded)
- VII. **On the vibration analysis of laminated composite parabolic arches with variable cross-section of various ply stacking sequences**  
NOORI A. R., TEMEL B.  
Mechanics of Advanced Materials and Structures, vol.27, no.19, pp.1658-1672, 2020 (SCI-Expanded)

- VIII. **A unified solution for the vibration analysis of two-directional functionally graded axisymmetric Mindlin–Reissner plates with variable thickness**  
TEMEL B., NOORI A. R.  
International Journal of Mechanical Sciences, vol.174, 2020 (SCI-Expanded)
- IX. **Out-of-plane vibrations of shear-deformable AFG cycloidal beams with variable cross section**  
TEMEL B., NOORI A. R.  
Applied Acoustics, vol.155, pp.84-96, 2019 (SCI-Expanded)
- X. **Transient analysis of laminated composite parabolic arches of uniform thickness**  
TEMEL B., NOORI A. R.  
Mechanics Based Design of Structures and Machines, vol.47, no.5, pp.546-554, 2019 (SCI-Expanded)
- XI. **An efficient approach for in-plane free and forced vibrations of axially functionally graded parabolic arches with nonuniform cross section**  
NOORI A. R., ASLAN T. A., TEMEL B.  
Composite Structures, vol.200, pp.701-710, 2018 (SCI-Expanded)
- XII. **Dynamic response of viscoelastic tapered cycloidal rods**  
ASLAN T. A., NOORI A. R., TEMEL B.  
Mechanics Research Communications, vol.92, pp.8-14, 2018 (SCI-Expanded)
- XIII. **Damped transient response of in-plane and out-of-plane loaded stepped curved rods**  
NOORI A. R., ASLAN T. A., TEMEL B.  
Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol.40, no.1, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A study on the influence of material gradient index on bending and stress responses of FGM rectangular plates using the Finite Element Method**  
Noori M., Bilgin A., Diallo H., Al Rousan M. O., Noori A. R.  
Journal of Sustainable Construction Materials and Technologies, vol.9, no.3, pp.239-254, 2024 (Scopus)
- II. **UNDAMPED FORCED VIBRATION ANALYSIS OF CASTELLATED STEEL BEAM WITH CIRCULAR, SQUARE AND PENTAGONAL WEB OPENINGS**  
Hashm M., Noori M., NOORI A. R., Doori S. G. M.  
Adıyaman Üniversitesi Mühendislik Bilimleri Dergisi, vol.11, 2024 (Peer-Reviewed Journal)
- III. **FORCED VIBRATION ANALYSIS OF FUNCTIONALLY GRADED POROUS SANDWICH BEAMS**  
CHOPAN A., Noori A. R.  
KSÜ Mühendislik Bilimleri Dergisi, vol.26, no.4, pp.909-921, 2023 (Peer-Reviewed Journal)
- IV. **ANALYSIS OF ELASTIC LATERAL TORSIONAL BUCKLING OF CANTILEVER I SECTIONS BY THE COMPLEMENTARY FUNCTIONS METHOD**  
SİVRİ B., NOORI A. R., TEMEL B.  
Konya mühendislik bilimleri dergisi (Online), vol.11, pp.32-41, 2023 (Peer-Reviewed Journal)
- V. **Winkler Tipi Elastik Zemine Oturan Fonksiyonel Derecelenmiş Malzemeli Kirişlerin Statik Analizi**  
ASLAN T. A., NOORI A. R., SİVRİ B., TEMEL B.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.38, pp.955-965, 2023 (Peer-Reviewed Journal)
- VI. **Farklı geometrik boşluklu eğri eksenli petek kirişlerin sonlu elemanlar yöntemi ile serbest titreşim analizi**  
ERTÜRKMEN D., NOORI A. R.  
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.13, no.4, pp.1019-1032, 2023 (Peer-Reviewed Journal)
- VII. **Influence of the web opening shapes on the bending and free vibration responses of castellated steel beams**  
MEZHER N. A. M., NOORI A. R., ERTÜRKMEN D.  
International Journal of Engineering Technologies, vol.8, no.2, pp.83-100, 2023 (Peer-Reviewed Journal)
- VIII. **Bending Analysis of Curved Castellated Beams Via the Finite Element Method**

- Erturkmen D., NOORI A. R.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.38, no.1, pp.73-83, 2023 (Peer-Reviewed Journal)
- IX. **EFFECT OF THE FINITE ELEMENT MODELING TECHNIQUES ON THE DYNAMIC ANALYSIS OF BEAMS**  
NOORI A. R., YILDIRIM S.  
Adıyaman Üniversitesi Mühendislik Bilimleri Dergisi, vol.9, no.18, pp.581-590, 2022 (Peer-Reviewed Journal)
- X. **Influence of Porosity on the Free Vibration Response of Sandwich Functionally Graded Porous Beams**  
AL-ITBI S. K. A., NOORI A. R.  
Journal of sustainable construction materials and technologies (Online), vol.7, no.4, 2022 (Peer-Reviewed Journal)
- XI. **Tamamlayıcı Fonksiyonlar Yöntemi ile Fonksiyonel Derecelenmiş Sandviç Dairesel Plakların Eğilme Analizi**  
NOORI A. R.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.37, no.3, pp.673-683, 2022 (Peer-Reviewed Journal)
- XII. **Finite Element Analysis for the Static Response of Functionally Graded Porous Sandwich Beams**  
AL-ITBI S. K. A., NOORI A. R.  
International Journal of Engineering Technologies IJET, vol.8, 2022 (Peer-Reviewed Journal)
- XIII. **In-plane vibration analysis of parabolic arches having a variable thickness**  
TEMEL B., ASLAN T. A., Noori A. R.  
International Journal of Dynamics and Control, vol.9, no.3, pp.910-921, 2021 (Scopus)
- XIV. **Finite Element Approach for the Bending analysis of Castellated Steel Beams with Various Web openings**  
DOORI S. G., NOORI A. R.  
ALKÜ Fen Bilimleri Dergisi, vol.3, no.2, pp.38-49, 2021 (Peer-Reviewed Journal)
- XV. **Static Analysis of Functionally Graded Sandwich Beams by the Complementary Functions Method**  
NOORİ A. R., RASOOLİ H., ASLAN T. A., TEMEL B.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.35, no.4, pp.1091-1101, 2020 (Peer-Reviewed Journal)
- XVI. **Damped and Undamped Forced Vibration Analysis of Beams Made of Functionally Graded Materials**  
ASLAN T. A., TEMEL B., NOORI A. R.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.35, no.2, pp.497-509, 2020 (Peer-Reviewed Journal)
- XVII. **Static Analysis of FG Beams via Complementary Functions Method**  
NOORI A. R., ASLAN T. A., TEMEL B.  
European Mechanical Science, vol.4, no.1, pp.1-6, 2020 (Peer-Reviewed Journal)
- XVIII. **Birinci Mertebe Kayma Deformasyon Teorisine Dayalı FD DüzEksenli Kirişlerin Serbest Titreşim Analizi**  
ASLAN T. A., NOORI A. R., TEMEL B.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 2019 (Peer-Reviewed Journal)
- XIX. **DAİRESEL PLAKLARIN SONLU ELEMENLAR YÖNTEMİ İLE LAPLACE UZAYINDA DİNAMİK ANALİZİ**  
NOORI A. R., ASLAN T. A., TEMEL B.  
ENGINEERING SCIENCES, vol.8, no.1, 2019 (Peer-Reviewed Journal)
- XX. **ÇİFT YÖNLÜ FONKSİYONEL DERECELENMİŞ MALZEMELİ TIMOSHENKO KİRİŞLERİNİN SERBEST TİTREŞİM ANALİZİ**  
ASLAN T. A., NOORI A. R., TEMEL B.  
ENGINEERING SCIENCES, vol.8, no.3, 2019 (Peer-Reviewed Journal)
- XXI. **In-Plane Free Vibration Frequencies of Stepped Circular Beams**  
ASLAN T. A., TEMEL B., NOORI A. R.  
ALKÜ Fen Bilimleri Dergisi, vol.1, pp.1-7, 2019 (Peer-Reviewed Journal)
- XXII. **Out-of-Plane Vibration Analysis of Multiple-Stepped Circular Beam**  
ASLAN T. A., TEMEL B., NOORI A. R.  
European Mechanical Science, vol.2, no.4, pp.111-114, 2018 (Peer-Reviewed Journal)

- XXIII. **A Unified Approach for Out-of-Plane Forced Vibration of Axially Functionally Graded Circular Rods**  
TEMEL B., NOORI A. R., ASLAN T. A.  
European Mechanical Science, vol.2, no.2, pp.37-45, 2018 (Peer-Reviewed Journal)
- XXIV. **Dikdörtgen Kesitli Viskoelastik Sikloid Çubukların Zorlanmış Titreşimi**  
TEMEL B., ASLAN T. A., NOORI A. R.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.33, no.1, pp.151-162, 2018 (Peer-Reviewed Journal)
- XXV. **An Efficient Dynamic Analysis of Planar Arches**  
TEMEL B., NOORI A. R., ASLAN T. A.  
European Mechanical Science, vol.1, no.3, pp.82-88, 2017 (Peer-Reviewed Journal)
- XXVI. **Daire Eksenli Yapı Elemanlarının Tamamlayıcı Fonksiyonlar Yöntemi ile Statik Analizi**  
ASLAN T. A., NOORI A. R., TEMEL B.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.32, no.1, pp.23-30, 2017 (Peer-Reviewed Journal)
- XXVII. **Eksenel Dönel Simetrik Kabuk Problemlerinin Dinamik Analizi İçin Alternatif Çözüm Metodu**  
NOORI A. R., TEMEL B.  
Ç.Ü. Fen ve Mühendislik Bilimleri Dergisi, vol.32, pp.119-130, 2015 (Peer-Reviewed Journal)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Optimizing mesh size for static response analysis of vault structures via finite element method**  
Sugün E., Noori A. R., Yıldırım S. G.  
5th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 25 - 27 September 2024
- II. **Importance of Finite Element Modeling Approach on the Bending Response of Continuous Beams**  
AL ROUSAN M. O., NOORI A. R., HADIDANE A. C.  
5th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 25 September 2024
- III. **Effect of Porosity on Natural Frequencies of the Functionally Graded Porous Sandwich Pipes**  
NOORI A. R., ÖZER A. P., HALAT O. M., BALOV M. N.  
International Conference on Engineering Technologies (ICENTE'23), Konya, Turkey, 23 - 25 November 2023
- IV. **Effect of Mesh Size on Finite Element Analysis of Functionally Graded Porous Domes**  
ÖZER A. P., NOORI A. R., AYGÖRMEZ Y.  
International Conference on Engineering Technologies (ICENTE'23), Konya, Turkey, 23 - 25 November 2023
- V. **Static responses of sandwich domes with a functionally graded porous (FGP) core via the Finite Element Method**  
ÖZER A. P., NOORI A. R.  
4th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 28 September 2022
- VI. **Influence of the step numbers on the static response of multi-stepped curved beams; Finite Element Approach**  
ALHASAN A. M. W., NOORI A. R.  
4th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 28 September 2022
- VII. **Static responses of sandwich domes with a functionally graded porous (FGP) core via the Finite Element Method**  
ÖZER A. P., NOORI A. R.  
4th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 28 - 30 September 2022
- VIII. **STATIC RESPONSE OF STEEL BEAMS WITH RECTANGULAR WEB OPENINGS**  
KURAN F., NOORI A. R.  
International Conference on Engineering Technologies (ICENTE'21), İstanbul, Turkey, 18 - 20 November 2021, pp.535-538
- IX. **STATIC RESPONSE OF STEEL BEAMS WITH RECTANGULAR WEB OPENINGS**  
KURAN F., NOORI A. R.

5th International Conference on Engineering Technologies (ICENTE 2021), Konya, Turkey, 18 November 2021

- X. **Fonksiyonel Derecelenmiş Sandviç Kirişlerin Serbest Titreşim Analizi**  
TEMEL B., NOORI A. R., ASLAN T. A.  
22. Ulusal Mekanik Kongresi, Adana, Turkey, 06 September 2021
- XI. **, Çok Açıklıklı Kompozit Kemer Sistemlerin Tamamlayıcı Fonksiyonlar Yöntemi ile Statik Analiz**  
Rasooli H., TEMEL B., NOORI A. R.  
22. Ulusal Mekanik Kongresi, Adana, Turkey, 06 September 2021
- XII. **INVESTIGATION OF ELEMENT TYPE ON THE VIBRATION PROBLEMS OF BEAMS FOR THE FINITE ELEMENT METHOD**  
NOORI A. R., YILDIRIM S.  
4th International Conference on Engineering Technologies, 19 - 21 November 2020
- XIII. **In-plane Free Vibration Analysis of Horseshoe Arches**  
NOORI A. R.  
5th International Mediterranean Science and Engineering Congress (IMSEC 2020), ALANYA, Turkey, 21 - 23 October 2020
- XIV. **Çift Yönlü Fonksiyonel Derecelenmiş Malzemeli Timoshenko Kirişlerinin Serbest Titreşim Analizi**  
ASLAN T. A., TEMEL B., NOORI A. R.  
21. ULUSAL MEKANİK KONGRESİ, Niğde, Turkey, 2 - 06 September 2019
- XV. **Çift Yönlü Fonksiyonel Derecelenmiş Malzemeli Dairesel Plakların Çeşitli İmpulsif Yükler Altında Zorlanmış Titreşim Analizi**  
TEMEL B., NOORI A. R.  
21. ULUSAL MEKANİK KONGRESİ, Niğde, Turkey, 2 - 06 September 2019
- XVI. **Çift Yönlü Fonksiyonel Derecelenmiş Malzemeli Dairesel Plakların Eğilme Analizi**  
TEMEL B., NOORI A. R.  
21. ULUSAL MEKANİK KONGRESİ, Niğde, Turkey, 2 - 06 September 2019
- XVII. **In-Plane Free Vibration Frequencies of Stepped Circular Beams**  
ASLAN T. A., TEMEL B., NOORI A. R.  
3rd. International Conference on Advances in Natural and Applied Sciences (ICANAS 2018), Antalya, Turkey, 9 - 12 May 2018
- XVIII. **Out-of-Plane Vibration Analysis of Multiple-Stepped Circular Beam**  
ASLAN T. A., TEMEL B., NOORI A. R.  
3rd. International Conference on Advances in Natural and Applied Sciences (ICANAS 2018), Antalya, Turkey, 9 - 12 May 2018
- XIX. **Free Vibration Characteristics of Radially Functionally Graded Circular Plates**  
TEMEL B., NOORI A. R.  
3rd. International Conference on Advances in Natural and Applied Sciences (ICANAS 2018), 9 - 12 May 2018
- XX. **Investigation on The Static Response of Radially Functionally Graded Circular Plates**  
TEMEL B., NOORI A. R.  
3rd. International Conference on Advances in Natural and Applied Sciences (ICANAS 2018), Antalya, Turkey, 9 - 12 May 2018
- XXI. **A Unified Approach for Out-of-Plane Forced Vibration of Axially Functionally Graded Circular Rods**  
ASLAN T. A., NOORI A. R., TEMEL B.  
2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017
- XXII. **In-Plane Forced Vibration of Axially Functionally Graded Circular Arches**  
NOORI A. R., ASLAN T. A., TEMEL B.  
nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017
- XXIII. **TABAKALI KOMPOZİT PARABOLİK KEMERLERİN TAMAMLAYICI FONKSİYONLAR YÖNTEMİ İLE LAPLACE UZAYINDA DİNAMİK ANALİZİ**  
TEMEL B., ASLAN T. A., NOORI A. R.  
XX. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017
- XXIV. **YAYILI YÜK ETKİSİNDEKİ DAİRESEL KESİTLİ SİKLOİD ÇUBUKLARIN SÖNÜMLÜ DİNAMİK ANALİZİ**

ASLAN T. A., NOORI A. R., TEMEL B.

XX. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017

**XXV. Transient Analysis of In-Plane Loaded Elastic Stepped Circular Arches**

NOORI A. R., ASLAN T. A., TEMEL B.

INTERNATIONAL CONFERENCE ON ADVANCE AND INNOVATIONS IN ENGINEERING, Elazığ, Turkey, 10 - 12 May 2017

**XXVI. Forced Vibration of Out of Plane Loaded Stepped Circular Rods**

ASLAN T. A., NOORI A. R., TEMEL B.

2nd International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, 8 - 10 May 2017

**XXVII. Dynamic analysis of axisymmetric shells in the laplace domain**

NOORI A. R., TEMEL B.

1st International Mediterranean SCIENCE AND ENGINEERING CONGRESS, Adana, Turkey, 26 - 28 October 2016