

Prof. TEKİN GÜLTOP

Personal Information

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Education Information

Doctorate, University of Cape Town, İnşaat Mühendisliği Bölümü, South Africa 2010 - 2014

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 1978 - 1982

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, A Finite Strain Theory of Elastoplasticity and its Application to Wave Propagation, University of Cape Town, İnşaat Mühendisliği Bölümü, 1993

Postgraduate, An Experimental Investigation of Dowel Action in Reinforced Concrete Beams, Middle East Technical University, Türk Halk Bilimi, Toplumsal Uygulamalar, 1985

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2016 - Continues

Professor, Cankaya University, Faculty Of Engineering, Department Of Civil Engineering, 2013 - Continues

Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2003 - 2013

Associate Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1997 - 2003

Assistant Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1993 - 1997

Research Assistant, University of Cape Town, Fen Fakültesi, Uygulamalı Matematik Bölümü, 1989 - 1991

Research Assistant, University of Cape Town, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1985 - 1988

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, 1983 - 1985

Academic and Administrative Experience

Gazi University, Tusaş - Kazan Meslek Yüksek Okulu, 2017 - Continues

Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2003 - 2010

Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1999 - 2000

Courses

MEKANİK II (DİNAMİK), Undergraduate, 2017 - 2018

ENGINEERING MECHANICS: DYNAMICS, Undergraduate, 2017 - 2018, 2016 - 2017

MEKANİK I (STATİK), Undergraduate, 2017 - 2018

Advising Theses

GÜLTOP T., A Comparison The Mechanical Response Of Tubular Structures And Shear Frames, Postgraduate, R.BAĞDAT(Student), 2020

GÜLTOP T., Comparison Of The Last 5-Year Change In Building Cost Estimation Made With Public Unit Prices By Different Market Parameters, Postgraduate, M.SAĞIR(Student), 2019

GÜLTOP T., Taşıyıcı sistem malzemesi olarak camın incelenmesi ve hafif taşıyıcılı sistem malzemeleri ile kıyaslanması, Postgraduate, B.BURAM(Student), 2018

GÜLTOP T., The Criteria Of Architectural Design Against Explosive Terrorist Attacks On Buildings, Postgraduate, M.HATİPOĞLU(Student), 2018

GÜLTOP T., Examination Of Working Scaffoldings Within Occupational Health And Safety In Construction Sector And Optimum Solution, Postgraduate, Y.TAKVA(Student), 2018

ANIL Ö., GÜLTOP T., Experimental and analytic investigation of the behaviour of reinforced concrete beams under impact loading, Doctorate, M.CEM(Student), 2014

GÜLTOP T., ALYAVUZ B., Seepage analysis at embankment dams, Postgraduate, O.SAĞLICA(Student), 2013

GÜLTOP T., Dynamic analysis of shear frames subjected to ground motion, Postgraduate, M.BÖCEK(Student), 2011

GÜLTOP T., Dynamic analysis of rectangular elastic and elastoplastic plates under hydrodynamic loading, Doctorate, F.RASOULI(Student), 2010

GÜLTOP T., The analysis of plates under impact loading, Postgraduate, U.KOÇ(Student), 2008

GÜLTOP T., WAVE PROPAGATION AND SHEAR BAND FORMATION IN FINITE DEFORMABLE CONSTRAINED THERMOELASTIC SOLIDS, Doctorate, B.ALYAVUZ(Student), 2008

GÜLTOP T., Sonlu şekil değiştirebilen kısıtlı termoelastik cisimlerde dalga yayılması ve kayma bandı oluşumu, Doctorate, B.ALYAVUZ(Student), 2008

GÜLTOP T., DYNAMIC ANALYSIS OF RECTANGULAR ELASTOPLASTIC COMPOSITE PLATES, Doctorate, C.TOLUN(Student), 2008

GÜLTOP T., Düzlem çerçeve yapıların dinamik yükler altında analizi, Postgraduate, A.ÜNER(Student), 2006

GÜLTOP T., Boşluklu perde-çerçeve sistemlerin sonlu elemanlar metodu ile gerilme analizi, Postgraduate, B.ALYAVUZ(Student), 2003

GÜLTOP T., Dairesel delikli dikdörtgen bir levhada gerilme dağılımının sonlu elemanlar yöntemiyle hesaplanması, Postgraduate, B.SERDAR(Student), 2002

GÜLTOP T., Elastoplastik zeminlerdeki konsol girişlerin dinamik analizi, Postgraduate, Ş.ÇEVİKBAŞ(Student), 1998

GÜLTOP T., Elastik plakların sayısal metodlarla statik ve dinamik analizi, Postgraduate, A.DEMİRARSLAN(Student), 1995

Published journal articles indexed by SCI, SSCI, and AHCI

I. Optimum cost design of facade scaffoldings

Takva Y., İlerisoy Z. Y., Gültop T., Tuna M. E.

SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.48, no.2, 2023 (SCI-Expanded)

Articles Published in Other Journals

I. Numerical Solution of Seepage Problem Using Quad-Tree Based Triangular Finite Elements

ALYAVUZ B., KOÇYİĞİT Ö., GÜLTOP T.

International Journal of Engineering and Applied Sciences, vol.1, no.1, pp.43-56, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **YAPI STATİĞİ**
SOYLUK K., GÜLTOP T.
PALME, Ankara, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **TÜP Yapılar ve Kayma Çerçevelerinin Mekanik Açından Karşılaştırılması**
BAĞDAT R., GÜLTOP T.
International Symposium on Academic Studies in Science, Engineering and Architecture, Ankara, Turkey, 15 - 17 November 2019
- II. **Thermal Effects in the Propagation of Longitudinal and Transverse Waves**
GÜLTOP T., ALYAVUZ B.
8. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 14 - 15 May 2015, pp.291-295
- III. **Plastic Collapse of Beam Under Impact Loading**
GÜLTOP T., ALYAVUZ B., YILMAZ M. C.
6. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 25 - 26 April 2013, pp.63-66
- IV. **Termoelastik Kısıtlı Cisimlerde Şok Dalgası Yayılması ve Kayma Bandı Oluşumu**
GÜLTOP T., ALYAVUZ B.
15. Ulusal Mekanik Kongresi, Isparta, Turkey, 3 - 07 September 2007, pp.465-475
- V. **Existence of Shear Bands in Thermoelastic Solids**
GÜLTOP T., ALYAVUZ B.
6th European Solid Mechanics Conference, Budapest, Hungary, 28 August - 01 September 2006
- VI. **Plakların Sayısal Bir Yöntemle Elasto-Plastik Dinamik Analizi**
GÜLTOP T., TOLUN C.
15. Ulusal Mekanik Kongresi, Isparta, Turkey, 03 December 2007 - 08 September 2006
- VII. **Propagation of Acceleration Waves in Elastic-Plastic Solids**
GÜLTOP T.
5th European Conference on Structural Dynamics, Munich, Germany, 2 - 05 September 2002, pp.1297-1302
- VIII. **Formation of Shear Bands in St Venant-Kirchhoff Materials**
GÜLTOP T.
10th Year Symposium of the Faculty of Engineering and Architecture of European University of Lefke, Lefke, Cyprus (Kkct), 9 - 10 April 2000
- IX. **Kısıtlı Termoelastik Malzemelerde Zayıf Şok Dalgalarının Yayılması**
GÜLTOP T.
9. Ulusal Mekanik Kongresi, ÜRGÜP, Turkey, 4 - 08 September 1995

Episodes in the Encyclopedia

- I. **Encyclopedia of Thermal Stresses**
Gültop T., Alyavuz B.
Springer, London/Berlin , pp.4046-4052, 2014

Supported Projects

GÜLTOP T., Project Supported by Higher Education Institutions, Katlılarda Dalga Yayılması Ve Kayma Bandı Oluşumunun Teorik Ve Sayısal Analizi, 2006 - 2007

GÜLTOP T., Project Supported by Higher Education Institutions, İnşaat Mühendisliđi Bölümü Eğitim Aracı İmkanlarının Geliştirilmesi, 2004 - 2006

Metrics

Publication: 13

Citation (WoS): 2

H-Index (WoS): 1

Non Academic Experience

Northwestern University Evanston Chicago Illinois

Dođu Akdeniz Üniversitesi

Güneydođu Avrupa Müttefik Kara Kuvvetleri Komutanlığı

Zürich Teknik Üniversitesi