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Education Information

Doctorate, The University Of Birmingham, School Of Mechanical And Manufacturing Engineering, Mechanics, United Kingdom 1990 - 1994

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makina Mühendisliği, Turkey 1985 - 1987

Under Graduate, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, Turkey 1981 - 1985

Foreign Languages

English, C1 Advanced

Research Areas

Technical Sciences, Mechanical Engineering, Mechanical, Solid Mechanics, Fracture Mechanics, Finite Element Methods, Continuous Mechanics, Aeronautical and Space Engineering, Aeronautical Engineering , Structural Technologies, Aeroelasticity

Academic Titles / Tasks

Professor, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, 2004 - Continues

Associate Professor, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, 1998 - 2004

Assistant Professor, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, 1994 - 1998

Research Assistant, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 1985 - 1994

Professional Experience

Vice Rector, Erciyes Üniversitesi, 2016 - Continues

Member of the Senate, Erciyes Üniversitesi, 2016 - Continues

Head of Department, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, 1995 - Continues

Dean, Erciyes Üniversitesi, Havacılık ve Uzay Bilimleri Fakültesi, 2012 - 2016

Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Havacılık ve Uzay Bilimleri Fakültesi, 2012 - 2016

Member of the Senate, Erciyes Üniversitesi, Havacılık ve Uzay Bilimleri Fakültesi, 2012 - 2016

Head of Department, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, 2007 - 2016

Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Sivil Havacılık Yüksekokulu, 2010 - 2015

Director Of Junior College, Erciyes Üniversitesi, Sivil Havacılık Yüksekokulu, 2007 - 2015

Member of the Senate, Erciyes Üniversitesi, Sivil Havacılık Yüksekokulu, 2007 - 2015

Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Sivil Havacılık Yüksekokulu, 2007 - 2010

Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, 2004 - 2010
Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Mühendislik Fakültesi, 2005 - 2008
Assistant Director of the Institute, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, 2004 - 2007
Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Sivil Havacılık Yüksekokulu, 1998 - 2005

Courses

ELASTİSİTE TEORİSİ - I, Post Graduate, 2011 - 2012
ELASTİSİTE TEORİSİ - II, Doctorate, 2011 - 2012
STRENGTH OF MATERIALS - I, Under Graduate, 2011 - 2012
STRENGTH OF MATERIALS - II, Under Graduate, 2011 - 2012
MÜHENDİSLİK MATEMATİĞİ - II, Under Graduate, 2011 - 2012
MÜHENDİSLİK MATEMATİĞİ - I, Under Graduate, 2011 - 2012
STATİK, Under Graduate, 2006 - 2007
KİNETİK (Dinamik), Under Graduate, 2006 - 2007
KİNEMATİK (Dinamik), Under Graduate, 2006 - 2007

Advising Theses

APALAK M. K. , YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ METAL ÇUBUKLARIN BURKULMA ANALİZİ, Post Graduate, K.Gül(Student), 2017
APALAK M. K. , YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ TABAKALI KOMPOZİT ÇUBUKLARIN BURKULMA ANALİZİ, Post Graduate, Y.Erhan(Student), 2017
APALAK M. K. , YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ TEK BİNDİRME BAĞLANTILARIN EĞİK DARBE ALTINDAKİ DAVRANIŞLARININ İNCELENMESİ, Post Graduate, M.Gökhan(Student), 2015
APALAK M. K. , SANDVIÇ KİRİŞLERİN EĞİLME DARBE DAVRANIŞLARININ İNCELENMESİ, Post Graduate, U.ÇALIŞKAN(Student), 2014
APALAK M. K. , FONKSİYONEL KADEMELENDİRİLMİŞ PLAKALARIN BALİSTİK DAVRANIŞLARININ İNCELENMESİ, Doctorate, M.AYDIN(Student), 2014
APALAK M. K. , İKİ BOYUTLU İŞLEVSEL KADEMELENDİRİLMİŞ PLAĞIN SERBEST TİTREŞİM ANALİZİ, Doctorate, O.ÖZARSLAN(Student), 2013
APALAK M. K. , FONKSİYONEL KADEMELENDİRİLMİŞ DAİRESEL SİLİNDİRDE ELASTİK DALGA YAYILIMI, Post Graduate, M.DÖRDÜNCÜ(Student), 2013
APALAK M. K. , DÜZLEM İÇİ ISIL YÜKE MARUZ İKİ YÖNLÜ İŞLEVSEL KADEMELENDİRİLMİŞ DÖRTGEN VE DAİRESEL PLAKALARIN ISIL GERİLME ANALİZİ, Doctorate, M.Didem(Student), 2012
APALAK M. K. , YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ BAĞLANTILARIN DÜŞÜK HIZLI DARBE DAVRANIŞLARI, Doctorate, M.YILDIRIM(Student), 2011
APALAK M. K. , METAL MATRİSLİ KOMPOZİTLERİN BATMA ALTINDA MEKANİK DAVRANIŞLARINA MİKROYAPININ ETKİSİ, Doctorate, R.EKİCİ(Student), 2009
APALAK M. K. , DÜZLEM İÇİ ISIL YÜKE MARUZ TEK YÖNLÜ İŞLEVSEL KADEMELENDİRİLMİŞ PLAKA VE DİSK BAĞLANTILARIN ISIL GERİLME ANALİZİ, Post Graduate, M.Didem(Student), 2009
APALAK M. K. , YAPIŞTIRICIYLA BİRLEŞTİRİLMİŞ ALÜMİNYUM T TİPİ BAĞLANTILARIN MODAL ANALİZİ VE TİTREŞİM KONTROLÜ, Post Graduate, Ş.Murat(Student), 2008
APALAK M. K. , YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ BİNDİRME BAĞLANTILARIN MODAL ANALİZİ VE TİTREŞİM KONTROLÜ, Post Graduate, M.YILDIRIM(Student), 2006
APALAK M. K. , DÜŞÜK HIZLI UÇAKLARDA AERODİNAMİK PERVANE TASARIMI VE OPTİMİZASYONU, Post Graduate, H.DEMİRTAŞ(Student), 2006
APALAK M. K. , YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ TEK YÖNLÜ TABAKALI KOMPOZİT TEK BİNDİRME BAĞLANTILARINDA HASAR OLUŞUMU VE GELİŞİMİ, Post Graduate, M.Serdar(Student), 2005

APALAK M. K. , ÇOK KATMANLI VE FONKSİYONEL KADEMELENDİRİLMİŞ KOMPOZİT PLAKALARDA ISIL ARTIK GERİLMELERİN ANALİZİ, Doctorate, R.GÜNEŞ(Student), 2005
APALAK M. K. , YAPIŞTIRICIYLA BİRLEŞTİRİLMİŞ BİNDİRME BAĞLANTILARINDA HASAR BÖLGESİ OLUŞUMU VE GELİŞİMİNİN İNCELENMESİ, Doctorate, A.ENGİN(Student), 2003
APALAK M. K. , YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ BİR BİNDİRME BAĞLANTISININ LAZER NOKTA KAYNAĞI ESNASINDA ORTAYA ÇIKAN ISI TRANSFERİNİN VE ISIL GERİLMELERİN İNCELENMESİ,, Post Graduate, F.ŞEN(Student), 2001

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

- I. **Experimental study on structure optimization of functionally graded sandwich plates under ballistic impact**
AYDIN M., APALAK M. K. , APALAK Z. G.
JOURNAL OF COMPOSITE MATERIALS, vol.54, pp.3967-3980, 2020 (Journal Indexed in SCI)
- II. **Elastic flexural analysis of adhesively bonded similar and dissimilar beams using refined zigzag theory and peridynamic differential operator**
DÖRDÜNCÜ M., APALAK M. K.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.101, 2020 (Journal Indexed in SCI)
- III. **Thermoelastic analysis of temperature-dependent functionally graded rectangular plates using finite element and finite difference methods**
Demirbaş M. D. , Ekici R., Apalak M. K.
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, vol.27, pp.707-724, 2020 (Journal Indexed in SCI)
- IV. **A study on low-velocity impact performance of notched GFRP composites repaired by different composite patches: Experiment and modeling**
Çalışkan U., Ekici R., Yıldız E., Apalak M. K.
POLYMER COMPOSITES, vol.41, pp.1323-1340, 2020 (Journal Indexed in SCI)
- V. **Thermoelastic analysis of temperature-dependent functionally graded rectangular plates using finite element and finite difference methods**
Demirbaş M. D. , Ekici R., Apalak M. K.
Mechanics Of Advanced Materials And Structures, vol.27, pp.707-724, 2020 (Journal Indexed in SCI Expanded)
- VI. **Flexural impact response and damage detection of composite sandwich beam with various PVC foam cores**
ÇALIŞKAN U., APALAK M. K.
Mechanics of Advanced Materials and Structures, 2020 (Journal Indexed in SCI Expanded)
- VII. **Impact penetration and perforation performance of square sandwich panels with EPS foam core**
ÇALIŞKAN U., APALAK M. K.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.45, 2020 (Journal Indexed in SCI)
- VIII. **Numerical investigation on normal and oblique ballistic impact behavior of functionally graded plates**
GÜNEŞ R., HAKAN M., APALAK M. K. , Reddy J.
Mechanics of Advanced Materials and Structures, 2020 (Journal Indexed in SCI)
- IX. **Thermal stress analysis of one- and two-dimensional functionally graded plates subjected to in-plane heat fluxes**
Demirbaş M. D. , Apalak M. K.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.233, pp.546-562, 2019 (Journal Indexed in SCI)
- X. **Stress wave propagation in adhesively bonded functionally graded cylinders: an improved model**
Dorduncu M., Apalak M. K. , Reddy J. N.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.33, pp.156-186, 2019 (Journal Indexed in SCI)
- XI. **Low speed impact behaviour of adhesively bonded foam-core sandwich T-joints**
ÇALIŞKAN U., APALAK M. K.

- JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.33, pp.217-242, 2019 (Journal Indexed in SCI)
- XII. **Bending impact behaviour of sandwich beams with expanded polystyrene foam core: Analysis**
Çalışkan U., Apalak M. K.
JOURNAL OF SANDWICH STRUCTURES & MATERIALS, vol.21, pp.230-259, 2019 (Journal Indexed in SCI)
- XIII. **Ballistic performance of honeycomb sandwich structures reinforced by functionally graded face plates**
GÜNEŞ R., ARSLAN K., APALAK M. K., REDDY J. N.
JOURNAL OF SANDWICH STRUCTURES & MATERIALS, vol.21, pp.211-229, 2019 (Journal Indexed in SCI)
- XIV. **Investigation of the Thermo-elastic Response of Adhesively Bonded Two-Dimensional Functionally Graded Circular Plates Based on Theory of Elasticity**
DEMİRBAŞ M. D., APALAK M. K.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF MECHANICAL ENGINEERING, vol.42, pp.415-433, 2018 (Journal Indexed in SCI)
- XV. **Stress wave propagation in a functionally graded adhesive layer between two identical cylinders**
DÖRDÜNCÜ M., APALAK M. K., Reddy J.
JOURNAL OF ADHESION, vol.0, pp.1-36, 2018 (Journal Indexed in SCI Expanded)
- XVI. **Thermal stress analysis of in-plane two-directional functionally graded plates subjected to in-plane edge heat fluxes**
APALAK M. K., DEMİRBAŞ M. D.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.232, pp.693-716, 2018 (Journal Indexed in SCI)
- XVII. **Experimental tests and numerical modeling of ballistic impact on honeycomb sandwich structures reinforced by functionally graded plates**
ARSLAN K., GÜNEŞ R., APALAK M. K., REDDY J. N.
JOURNAL OF COMPOSITE MATERIALS, vol.51, pp.4009-4028, 2017 (Journal Indexed in SCI)
- XVIII. **Low-speed bending impact behavior of adhesively bonded single-lap joints**
Atahan M. G., Apalak M. K.
Journal of Adhesion Science and Technology, vol.31, pp.1545-1575, 2017 (Journal Indexed in SCI)
- XIX. **Low velocity bending impact behavior of foam core sandwich beams: Experimental**
Çalışkan U., Apalak M. K.
Composites Part B: Engineering, vol.112, pp.158-175, 2017 (Journal Indexed in SCI)
- XX. **Experimental damage analysis of Al/SiC functionally graded sandwich plates under ballistic impact**
AYDIN M., APALAK M. K.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.671, pp.107-117, 2016 (Journal Indexed in SCI)
- XXI. **Stress wave propagation in adhesively bonded functionally graded circular cylinders**
Dorduncu M., APALAK M. K.
Journal of Adhesion Science and Technology, vol.30, pp.1281-1309, 2016 (Journal Indexed in SCI)
- XXII. **Thermal residual stresses in in-plane functionally graded clamped hollow circular plates subjected to an edge heat flux**
APALAK M. K., DEMİRBAŞ M. D.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, vol.229, pp.236-260, 2015 (Journal Indexed in SCI)
- XXIII. **Elastic wave propagation in functionally graded circular cylinders**
Dorduncu M., APALAK M. K., Cherukuri H. P.
COMPOSITES PART B-ENGINEERING, vol.73, pp.35-48, 2015 (Journal Indexed in SCI)
- XXIV. **Stress wave propagation in adhesively bonded similar and dissimilar circular cylinders**
Dorduncu M., APALAK M. K.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.29, pp.778-806, 2015 (Journal Indexed in SCI)
- XXV. **Experimental investigation on transverse low-speed impact behavior of adhesively bonded similar and dissimilar clamped plates**

- Yildirim M., APALAK M. K.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.28, pp.1219-1242, 2014 (Journal Indexed in SCI)
- XXVI. **Free vibration analysis of an adhesively bonded functionally graded double containment cantilever joint**
 APALAK Z. G. , EKİCİ R., Yildirim M., APALAK M. K.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.28, pp.1117-1139, 2014 (Journal Indexed in SCI)
- XXVII. **Simulated and actual micro-structure models on the indentation behaviors of particle reinforced metal matrix composites**
 EKİCİ R., APALAK M. K. , Yildirim M., NAİR F.
 MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.606, pp.290-298, 2014 (Journal Indexed in SCI)
- XXVIII. **The Artificial Bee Colony algorithm in layer optimization for the maximum fundamental frequency of symmetrical laminated composite plates**
 APALAK M. K. , KARABOĞA D., AKAY B.
 ENGINEERING OPTIMIZATION, vol.46, pp.420-437, 2014 (Journal Indexed in SCI)
- XXIX. **Experimental and numerical investigations of low velocity impact on functionally graded circular plates**
 GÜNEŞ R., AYDIN M., APALAK M. K. , Reddy J. N.
 COMPOSITES PART B-ENGINEERING, vol.59, pp.21-32, 2014 (Journal Indexed in SCI)
- XXX. **Functionally Graded Adhesively Bonded Joints : critical review**
 APALAK M. K.
 REVIEWS OF ADHESION AND ADHESIVES, vol.2, no.1, pp.56-84, 2014 (Journal Indexed in SCI Expanded)
- XXXI. **Thermal residual stresses in adhesively bonded in-plane functionally graded clamped circular hollow plates**
 APALAK M. K. , DEMİRBAŞ M. D.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.27, pp.1590-1623, 2013 (Journal Indexed in SCI)
- XXXII. **Layer Optimization for Maximum Fundamental Frequency of Rigid Point-Supported Laminated Composite Plates**
 APALAK Z. G. , APALAK M. K. , EKİCİ R., YILDIRIM M.
 POLYMER COMPOSITES, vol.32, pp.1988-2000, 2011 (Journal Indexed in SCI)
- XXXIII. **Indentation behavior of functionally graded Al-SiC metal matrix composites with random particle dispersion**
 EKİCİ R., APALAK M. K. , Yildirim M.
 COMPOSITES PART B-ENGINEERING, vol.42, pp.1497-1507, 2011 (Journal Indexed in SCI)
- XXXIV. **The elasto-plastic impact analysis of functionally graded circular plates under low-velocities**
 GÜNEŞ R., AYDIN M., APALAK M. K. , REDDY J. N.
 COMPOSITE STRUCTURES, vol.93, pp.860-869, 2011 (Journal Indexed in SCI)
- XXXV. **Thermal Residual Stresses in Adhesively Bonded In-plane Functionally Graded Clamped Plates Subjected to an Edge Heat Flux**
 APALAK M. K. , Bağcı M. D.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.25, pp.1861-1908, 2011 (Journal Indexed in SCI)
- XXXVI. **Transverse Low-Speed Impact Behavior of Adhesively Bonded Similar and Dissimilar Clamped Plates**
 Yildirim M., APALAK M. K.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.25, pp.69-91, 2011 (Journal Indexed in SCI)
- XXXVII. **THERMAL RESIDUAL STRESSES IN ONE-DIRECTIONAL FUNCTIONALLY GRADED PLATES SUBJECTED TO IN-PLANE HEAT FLUX**
 Bağcı M. D. , APALAK M. K.
 NUMERICAL HEAT TRANSFER PART A-APPLICATIONS, vol.60, pp.50-83, 2011 (Journal Indexed in SCI)
- XXXVIII. **Effect of Adhesive Thickness on Transverse Low-Speed Impact Behavior of Adhesively Bonded Similar and Dissimilar Clamped Plates**
 APALAK M. K. , Yildirim M.

- JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.25, pp.2587-2613, 2011 (Journal Indexed in SCI)
- XXXIX. **Free Vibration Analysis of an Adhesively Bonded Functionally Graded Tubular Single Lap Joint**
GÜNEŞ R., APALAK M. K. , Yildirim M.
JOURNAL OF ADHESION, vol.87, pp.902-925, 2011 (Journal Indexed in SCI)
- XL. **Impact performance of Al/SiC functionally graded circular plates**
APALAK M. K. , GÜNEŞ R., AYDIN M., Reddy J. N.
INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY, vol.42, pp.56-65, 2011 (Journal Indexed in SCI)
- XLI. **Effects of random particle dispersion and size on the indentation behavior of SiC particle reinforced metal matrix composites**
EKİCİ R., APALAK M. K. , Yildirim M., NAİR F.
MATERIALS & DESIGN, vol.31, pp.2818-2833, 2010 (Journal Indexed in SCI)
- XLII. **Free vibration analysis of adhesively bonded single lap joints with wide and narrow functionally graded plates**
GÜNEŞ R., APALAK M. K. , Yildirim M., ÖZKEŞ İ.
COMPOSITE STRUCTURES, vol.92, pp.1-17, 2010 (Journal Indexed in SCI)
- XLIII. **Effects of Random Particle Dispersion and Particle Volume Fraction on the Indentation Behavior of SiC Particle-Reinforced Metal-Matrix Composites**
APALAK M. K. , EKİCİ R., Yildirim M., NAİR F.
JOURNAL OF COMPOSITE MATERIALS, vol.43, pp.3191-3210, 2009 (Journal Indexed in SCI)
- XLIV. **Free Vibration Analysis and Optimal Design of a Clamped-free Single Lap Joint with Unidirectional Laminated Narrow Plates**
APALAK M. K. , Yildirim M.
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.22, pp.183-211, 2009 (Journal Indexed in SCI)
- XLV. **Determination of Structural Damping and Optimal Vibration Control of an Adhesively-Bonded Double Containment Cantilever Joint**
APALAK M. K. , EKİCİ R., Yildirim M., Erkaya S.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.23, pp.339-359, 2009 (Journal Indexed in SCI)
- XLVI. **Free vibration analysis and optimal design of an adhesively bonded double containment cantilever joint**
APALAK M. K. , EKİCİ R., Yildirim M.
JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH, vol.67, pp.797-806, 2008 (Journal Indexed in SCI)
- XLVII. **Layer optimisation for maximum fundamental frequency of laminated composite plates for different edge conditions**
APALAK M. K. , Yildirim M., EKİCİ R.
COMPOSITES SCIENCE AND TECHNOLOGY, vol.68, pp.537-550, 2008 (Journal Indexed in SCI)
- XLVIII. **Non-linear elastic stresses in a thin hard coating/an elastic substrate system subjected to a surface pressure distribution**
Apalak M. K. , Taşdemirci A.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.190, pp.263-281, 2007 (Journal Indexed in SCI)
- XLIX. **The free vibration analysis and optimal design of an adhesively bonded functionally graded single lap joint**
Gunes R., Apalak M. K. , Yildirim M.
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.49, pp.479-499, 2007 (Journal Indexed in SCI)
- L. **Free vibration analysis and design of an adhesively bonded corner joint with double support**
Apalak M. K. , Ekici R., Yildirim M.
JOURNAL OF ADHESION, vol.83, pp.957-986, 2007 (Journal Indexed in SCI)
- LI. **Free vibration analysis and optimal design of a cantilevered adhesively bonded composite tabular single lap joint**
Apalak M. K. , Yildirim M.
POLYMERS & POLYMER COMPOSITES, vol.15, pp.489-506, 2007 (Journal Indexed in SCI)

- LII. **Thermal residual stresses in an adhesively bonded functionally graded tubular single lap joint**
 Apalak M. K. , Gunes R., Eroglu S.
 INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.27, pp.26-48, 2007 (Journal Indexed in SCI)
- LIII. **Progressive damage modeling of an adhesively bonded composite single lap joint under flexural loads at the mesoscale level**
 Apalak Z. G. , Apalak M. K. , Genc M. S.
 JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.26, pp.903-953, 2007 (Journal Indexed in SCI)
- LIV. **Elastic flexural behaviour of an adhesively bonded single lap joint with functionally graded adherends**
 Kemal Apalak M. K. , Gunes R.
 MATERIALS & DESIGN, vol.28, pp.1597-1617, 2007 (Journal Indexed in SCI)
- LV. **Optimal vibration attenuation of an adhesively-bonded cantilevered single-lap joint**
 Apalak M. K. , Yildirim M.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.21, pp.267-286, 2007 (Journal Indexed in SCI)
- LVI. **Progressive damage modeling of an adhesively bonded unidirectional composite single-lap joint in tension at the mesoscale level**
 Apalak Z. G. , Apalak M. K. , Genc M. S.
 JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.19, pp.671-702, 2006 (Journal Indexed in SCI)
- LVII. **Optimal design of an adhesively-bonded corner joint with single support based on the free vibration analysis**
 Apalak M. K. , Ekici R., Yildirim M.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.20, pp.1507-1528, 2006 (Journal Indexed in SCI)
- LVIII. **Elastic stresses in an adhesively-bonded functionally-graded tubular single-lap joint in tension**
 Apalak M. K.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.20, pp.1019-1046, 2006 (Journal Indexed in SCI)
- LIX. **Thermal residual stresses in an adhesively-bonded functionally graded single-lap joint**
 Apalak M. K. , Gunes R.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.20, pp.1295-1320, 2006 (Journal Indexed in SCI)
- LX. **Stress analysis of an adhesively bonded functionally graded tubular single lap joint subjected to an internal pressure**
 Apalak M. K.
 SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.13, pp.183-211, 2006 (Journal Indexed in SCI)
- LXI. **Investigation of elastic stresses in an adhesively bonded single lap joint with functionally graded adherends in tension**
 Apalak M. K. , Gunes R.
 COMPOSITE STRUCTURES, vol.70, pp.444-467, 2005 (Journal Indexed in SCI)
- LXII. **Thermal residual stress analysis of Ni-Al₂O₃, Ni-TiO₂, and Ti-SiC functionally graded composite plates subjected to various thermal fields**
 Apalak M. K. , Gunes R.
 JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.18, pp.119-152, 2005 (Journal Indexed in SCI)
- LXIII. **Thermal and geometrically nonlinear stress analyses of an adhesively bonded composite tee joint with double support**
 Apalak M. K. , Apalak Z. G. , Gunes R.
 JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.17, pp.103-136, 2004 (Journal Indexed in SCI)
- LXIV. **Effect of adhesive free-end geometry on the initiation and propagation of damaged zones in adhesively bonded lap joints**
 Apalak M. K. , Engin A.
 JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.18, pp.529-559, 2004 (Journal Indexed in SCI)
- LXV. **Thermal non-linear stresses in an adhesively bonded and laser-spot welded single-lap joint during laser-metal interaction**
 Apalak M. K. , Aldaş K., Şen F.

- JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, vol.142, pp.1-19, 2003 (Journal Indexed in SCI)
- LXVI. **Steady-state thermal and geometrical adhesively bonded tee joint non-linear stress analysis of an with double support**
Apalak M. K. , Apalak Z. G. , Gunes R., Karakaş E. S.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.23, pp.115-130, 2003 (Journal Indexed in SCI)
- LXVII. **Thermal and geometrically non-linear stress analyses of an adhesively bonded composite tee joint**
Apalak M. K. , Gunes R., Turaman M. Ö. , Cerit A. A.
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, vol.34, pp.135-150, 2003 (Journal Indexed in SCI)
- LXVIII. **Thermal non-linear elastic stress analysis of an adhesively bonded T-joint**
Apalak M. K. , Apalak Z. G. , Gunes R.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.17, pp.995-1016, 2003 (Journal Indexed in SCI)
- LXIX. **Geometrically non-linear thermal stress analysis of an adhesively bonded tubular single lap joint**
Apalak M. K. , Gunes R., Fidancı L.
FINITE ELEMENTS IN ANALYSIS AND DESIGN, vol.39, pp.155-174, 2003 (Journal Indexed in SCI)
- LXX. **An investigation on the initiation and propagation of damaged zones in adhesively bonded lap joints**
Apalak M. K. , Engin A.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.17, pp.1889-1921, 2003 (Journal Indexed in SCI)
- LXXI. **On non-linear thermal stresses in an adhesively bonded single lap joint**
Apalak M. K. , Gunes R.
COMPUTERS & STRUCTURES, vol.80, pp.85-98, 2002 (Journal Indexed in SCI)
- LXXII. **On the non-linear elastic stresses in an adhesively bonded T-joint with double support**
Apalak M. K.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.16, pp.459-491, 2002 (Journal Indexed in SCI)
- LXXIII. **Geometrically non-linear analysis of adhesively bonded corner joints**
Apalak M. K.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.13, pp.1253-1285, 1999 (Journal Indexed in SCI)
- LXXIV. **Geometrically non-linear analysis of adhesively bonded modified double containment corner joints - II**
Apalak M. K.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.12, pp.135-160, 1998 (Journal Indexed in SCI)
- LXXV. **Geometrically non-linear analysis of adhesively bonded double containment cantilever joints**
Apalak M. K. , Engin A.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.11, pp.1153-1195, 1997 (Journal Indexed in SCI)
- LXXVI. **Analysis and design of tee joints with double support**
Apalak Z. G. , Apalak M. K. , Davies R.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.16, pp.187-214, 1996 (Journal Indexed in SCI)
- LXXVII. **Analysis and design of adhesively bonded modified double containment corner joints .2.**
Apalak M. K. , Davies R., Apalak Z. G.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.10, pp.907-937, 1996 (Journal Indexed in SCI)
- LXXVIII. **Analysis and design of adhesively bonded tee joints with a single support plus angled reinforcement**
Gul Apalak Z., Kemal Apalak M. K. , Davies R.
Journal of Adhesion Science and Technology, vol.10, pp.681-724, 1996 (Journal Indexed in SCI)
- LXXIX. **ANALYSIS AND DESIGN OF ADHESIVELY-BONDED DOUBLE-CONTAINMENT CORNER JOINTS**
APALAK M. K. , Davies R., APALAK Z. G.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.9, pp.267-293, 1995 (Journal Indexed in SCI)
- LXXX. **ANALYSIS AND DESIGN OF ADHESIVELY BONDED CORNER JOINTS - FILLET EFFECT**
APALAK M. K. , Davies R.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.14, no.3, pp.163-174, 1994 (Journal Indexed in SCI)
- LXXXI. **ANALYSIS AND DESIGN OF ADHESIVELY BONDED CORNER JOINTS**

APALAK M. K. , Davies R.

INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.13, no.4, pp.219-235, 1993 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Improved Mathematical Models of Thermal Residual Stresses in Functionally Graded Adhesively Bonded Joints: A Critical Review**
APALAK M. K. , DEMİRBAŞ M. D.
Reviews of Adhesion and Adhesives, vol.7, pp.367-416, 2019 (Journal Indexed in ESCI)
- II. **Low Velocity Impact Behaviour of Damaged Composite Plates Repaired by Composite Patches**
Çalışkan U., Ekici R., Apalak M. K.
Mehmet Akif Ersoy Üniversitesi Uygulamalı Bilimler Dergisi, vol.3, pp.47-64, 2019 (Other Refereed National Journals)
- III. **Thermal Stress Analysis of Functionally Graded Modulus Adhesive Joints**
DEMİRBAŞ M. D. , APALAK M. K.
JOURNAL OF POLYTECHNIC-POLİTEKNİK DERGISİ, vol.21, pp.445-456, 2018 (Journal Indexed in ESCI)
- IV. **Thermal residual stresses analyses of two-dimensional functionally graded circular plates with temperature-dependent material properties**
DEMİRBAŞ M. D. , APALAK M. K.
International Journal of Engineering Research and Development, vol.10, pp.202-213, 2018 (International Refereed University Journal)
- V. **Thermal residual stresses analyses of two-dimensional functionally graded circular plates with temperature-dependent material properties**
DEMİRBAŞ M. D. , APALAK M. K.
Uluslararası Muhendislik Arastırma ve Gelistirme Dergisi, vol.10, pp.202-213, 2018 (Other Refereed National Journals)
- VI. **Numerical solution of thermal residual stress analysis with finite difference method of functionally graded circular plates**
DEMİRBAŞ M. D. , APALAK M. K.
Uluslararası Muhendislik Arastırma ve Gelistirme Dergisi, vol.10, pp.172-181, 2018 (Other Refereed National Journals)
- VII. **Numerical solution of thermal residual stress analysis with finite difference method of functionally graded circular plates**
DEMİRBAŞ M. D. , APALAK M. K.
ULUSLARARASI MÜHENDİSLİK ARAŞTIRMA VE GELİŞTİRME DERGISİ, vol.10, pp.172-181, 2018 (International Refereed University Journal)
- VIII. **FEM ANALYSES OF LOW VELOCITY IMPACT BEHAVIOUR OF SANDWICH PANELS WITH EPS FOAM CORE**
ÇALIŞKAN U., APALAK M. K.
JOURNAL OF THERMAL ENGINEERING, vol.3, pp.1544-1552, 2017 (Journal Indexed in ESCI)
- IX. **Effect of Composite Patch Geometry in Notched Plates Under Low Velocity Impact**
Çalışkan U., Ekici R., Apalak M. K.
Uluslararası Muhendislik Arastırma ve Gelistirme Dergisi, vol.9, pp.113-124, 2017 (Refereed Journals of Other Institutions)
- X. **Ballistic Limit of Al-Sic Functionally Graded Armor Plates**
GÜNEŞ R., HAKAN M., APALAK M. K.
International Journal of Mechanical and Production Engineering, 2017 (Refereed Journals of Other Institutions)
- XI. **Thermal stress analysis with finite difference method of functionally graded circular plates**
DEMİRBAŞ M. D. , APALAK M. K.

International Journal of Mechanical And Production Engineering,, vol.5, pp.73-79, 2017 (Refereed Journals of Other Institutions)

- XII. **Thermal stresses in adhesively bonded joints/patches and their modeling: A critical review**
Kemal Apalak M. K.
Reviews of Adhesion and Adhesives, vol.4, pp.223-280, 2016 (Journal Indexed in ESCI)
- XIII. **Ways to Mitigate Thermal Stresses in Adhesively Bonded Joints/Patches: A Critical Review**
APALAK M. K.
REVIEWS OF ADHESION AND ADHESIVES, vol.4, pp.281-333, 2016 (Journal Indexed in ESCI)

Books & Book Chapters

- I. **Ways to Mitigate Thermal Stresses in Adhesively Bonded Joints/Patches**
APALAK M. K.
in: Progress in Adhesion and Adhesives, K.L.Mittal, Editor, Scrivener Publishing Wiley, Beverly, pp.271-333, 2017
- II. **Thermal Stresses in Adhesively Bonded Joints/Patches and Their Modeling**
APALAK M. K.
in: Progress in Adhesion and Adhesives, K.L.Mittal, Editor, Scrivener Publishing Wiley, Beverly, pp.217-270, 2017
- III. **Functionally graded adhesively bonded joints**
APALAK M. K.
in: Progress in Adhesion and Adhesives, Mittal, K.L., Editor, Scrivener Publishing John Wiley & Sons, West Sussex, Uk, Beverly, pp.57-84, 2015
- IV. **Functionally graded adhesively bonded joints**
APALAK M. K.
in: Progress in adhesion and adhesives, K. L. Mittal, Editor, Scrivener Publishing, Massachusetts, pp.57-78, 2015
- V. **Free vibration analysis and optimal design of the adhesively bonded composite single lap and tubular lap joints**
APALAK M. K.
in: Composite Materials Technology : Neural network applications, S.M. Sapuan , I. M. Mujtaba, Editor, Crc Press Taylor & Francis Group, Boca Raton, pp.251-290, 2010
- VI. **Non-linear thermal stresses in adhesive joints**
APALAK M. K.
in: Modeling of Adhesively Bonded Joints, da Silva L.F.M. , Oechsner A. , Editor, Springer-Verlag , Berlin Heidelberg, pp.243-278, 2008
- VII. **Effect of Geometrical Non-linearity on the Stress and Deformation States of Adhesive Joints**
APALAK M. K.
in: Adhesive Joints: Formation, Characteristics and Testing vol. 2, Mittal K.L., Editor, Vsp, Boston, pp.221-256, 2002

Refereed Congress / Symposium Publications in Proceedings

- I. **Thermal stress analysis with finite difference method of functionally graded circular plates**
DEMİRBAŞ M. D. , APALAK M. K.
70th International Conference on Mechanical and Aerospace Engineering (ICMAE), Madrid, Spain, 23 - 24 August 2017, pp.18-24
- II. **LOW VELOCITY IMPACT BEHAVIOUR OF DAMAGED COMPOSITE PLATES REPAIRED BY COMPOSITE PATCHES**
ÇALIŞKAN U., EKİCİ R., APALAK M. K.
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.1418-1427
- III. **Heat transfer analyses of in-plane functionally graded hollow circular plates with two numerical methods**

DEMİRBAŞ M. D. , EKİCİ R., APALAK M. K.

II. International Scientific and Vocational Studies Congress (BILMES 2018), Nevşehir, Turkey, 5 - 08 July 2018, pp.555-556

- IV. **Thermal-stress analyses of in-plane functionally graded hollow circular plates with finite element and finite difference methods**
DEMİRBAŞ M. D. , EKİCİ R., APALAK M. K.
II. International Scientific and Vocational Studies Congress (BILMES 2018), Nevşehir, Turkey, 5 - 08 July 2018, pp.557-558
- V. **Effects of temperature-dependent material properties on thermo-mechanical analysis of in-plane two-dimensional functionally graded circular plates**
DEMİRBAŞ M. D. , APALAK M. K.
First International Conference on Mechanics of Advanced Materials and Structures (ICMAMS), Torino, Italy, 17 - 20 June 2018, pp.1
- VI. **Heat transfer analysis of two-dimensional functionally graded rectangular plates with two numerical methods**
DEMİRBAŞ M. D. , EKİCİ R., APALAK M. K.
4th International Conference on Engineering and Natural Sciences (ICENS), KİEV, Ukraine, 2 - 06 May 2018, pp.84
- VII. **Thermal residual stress analysis of two-dimensional functionally graded plates with finite element and finite difference methods**
DEMİRBAŞ M. D. , EKİCİ R., APALAK M. K.
4th International Conference on Engineering and Natural Sciences (ICENS), KİEV, Ukraine, 2 - 06 May 2018, pp.85
- VIII. **Effect of Composite Patch Geometry in Notched Plates Under Low Velocity Impact**
ÇALIŞKAN U., EKİCİ R., APALAK M. K.
I.Uluslararası Bilimsel ve Mesleki Çalışmalar Kongresi, Nevşehir, Turkey, 5 - 07 October 2017
- IX. **Thermal residual stresses analyses of one-dimensional functionally graded circular plates**
DEMİRBAŞ M. D. , APALAK M. K.
I. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 October 2017, pp.386
- X. **Heat transfer analyses of one-dimensional functionally graded plates**
DEMİRBAŞ M. D. , APALAK M. K.
I. International Scientific and Vocational Studies Congress, 5 - 08 October 2017, pp.387
- XI. **Heat transfer analysis of functionally graded materials with two numerical methods**
Demirbaş M. D. , Ekici R., Apalak M. K.
9th International Conference on Tribology (Balkan Trib'17), Nevşehir, Turkey, 13 - 15 September 2017, pp.595-600
- XII. **Comparison of thermal-stress analysis of functionally graded rectangular plates with finite element and finite difference methods**
Demirbaş M. D. , Ekici R., Apalak M. K.
9th International Conference on Tribology (Balkan Trib'17), Nevşehir, Turkey, 13 - 15 September 2017, pp.601-609
- XIII. **YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ ALÜMİNYUM TEK BİNDİRME BAĞLANTILARIN DÜŞÜK HIZLI EĞİLME DARBE DAVRANIŞININ İNCELENMESİ**
ATAHAN M. G. , APALAK M. K.
20. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017
- XIV. **Heat transfer analysis of the circular plates with finite difference method**
DEMİRBAŞ M. D. , APALAK M. K.
1th International Conference on Applied Analysis and Mathematical Modeling (ICAAMM2017), İstanbul, Turkey, 3 - 07 June 2017, pp.1
- XV. **Numerical investigation of single and repeated impacts for foam core sandwich structures**
ÇALIŞKAN U., APALAK M. K.
3rd International Conference on Engineering and Natural Sciences (ICENS 2017), Budapeşte, Hungary, 3 - 07 May 2017, pp.1-6

- XVI. **Low velocity impact response on steel sandwich panels: An experimental and numerical study**
ÇALIŞKAN U., APALAK M. K.
3rd International Conference on Engineering and Natural Sciences (ICENS 2017), Budapeşte, Hungary, 3 - 07 May 2017, pp.1-7
- XVII. **Ballistic limit of Al-SiC Functionally Graded Armor Plates**
GÜNEŞ R., HAKAN M., APALAK M. K.
234. International Conference on Mechanical and Aerospace Engineering, Madrid, Spain, 3 - 07 May 2017, pp.15-19
- XVIII. **SANDVIÇ L, T, ve Pİ ŞEKİLLİ BAĞLANTILARIN DÜŞÜK HIZLI DARBE YÜKLERİ ALTINDAKİ ANALİZLERİ**
ÇALIŞKAN U., APALAK M. K.
VI. ULUSAL HAVACILIK VE UZAY KONFERANSI, Kocaeli, Turkey, 28 September 2016 - 30 March 2017, pp.1-10
- XIX. **SANDVIÇ L T ve Pİ ŞEKİLLİ BAĞLANTILARIN DÜŞÜK HIZLI DARBE YÜKLERİ ALTINDAKİ ANALİZLERİ**
ÇALIŞKAN U., APALAK M. K.
VI. ULUSAL HAVACILIK VE UZAY KONFERANSI, Kocaeli, Turkey, 28 - 30 September 2016, pp.768-777
- XX. **Investigation on Ballistic Limit of Functionally Graded Plates**
GÜNEŞ R., HAKAN M., APALAK M. K. , REDDY J.
14th Internayional Symposium on Functionally Graded Materials, Bayreuth, Germany, 18 - 21 September 2016, pp.1-5
- XXI. **Stress Wave Propagation in a Functionally Graded Cylinder**
APALAK M. K. , DÖRDÜNCÜ M.
14 th International Symposium Functionally Graded Materials Multiscale & Multifunctional Structures, Bayreuth, Germany, 18 - 21 September 2016, pp.173-177
- XXII. **Effect of Number of Layers on the Ballistics Performance of Functionally Graded Sandwich Plates**
AYDIN M., APALAK M. K. , APALAK Z. G.
14th International Symposium on Functionally Graded Materials, Bayreuth, Germany, 18 - 21 September 2016, pp.215-218
- XXIII. **Low Velocity Impact Performance of Honeycomb Sandwich Structures Reinforced by Functionally Graded Face Plates**
ARSLAN K., GÜNEŞ R., APALAK M. K. , REDDY J.
14th Internayional Symposium on Functionally Graded Materials, Bayreuth, Germany, 10 - 21 September 2016, pp.126-130
- XXIV. **Investigation on the Ballistic Limit of Functionally Graded Plates**
GÜNEŞ R., HAKAN M., APALAK M. K. , REDDY J. N.
ISFGMs 2016, 14th International Symposium on Functionally Graded Materials, Multiscale and Multifunctional Structures, 18 - 21 September 2016
- XXV. **YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ SANDVIÇ T TİPİ BAĞLANTILARIN DÜŞÜK HIZLI DARBE DAVRANIŞI**
ÇALIŞKAN U., APALAK M. K. , ARSLAN K.
XIX. ULUSAL MEKANİK KONGRESİ, Trabzon, Turkey, 24 - 28 August 2016, pp.292-301
- XXVI. **Progressive Failure Analysis of Laminated Composite Plates Under Low Velocity Impact**
Güneş R., Alçı M., Hakan M., Apalak M. K.
The 17th International Conference on Machine Design and Production, Bursa, Turkey, 12 - 15 July 2016, pp.1-11
- XXVII. **The Thermal Stress Analysis of One- and Two-Dimensional Functionally Graded Circular Plates for In-Plane Sinusoidal Heat Flux**
DEMİRBAŞ M. D. , APALAK M. K.
İNTERNATİONAL CONFERENCE ON ENGINEERİNG AND NATURAL SCİENCE, Saray Bosna, Bosnia And Herzegovina, 24 - 28 May 2016, pp.1-5
- XXVIII. **Prediction of the Dynamic Response of Repeated Low Velocity Impact on Adhesively Bonded Plates**
ÇALIŞKAN U., APALAK M. K.
International Conference on Engineering and Natural Sciences, Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, pp.2594-2598
- XXIX. **Numerical simulations of composite sandwich panels under low velocity impact**

ÇALIŞKAN U., APALAK M. K.

International Conference on Engineering and Natural Science, Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, pp.2599-2606

- XXX. **FEM ANALYSES OF LOW VELOCITY IMPACT BEHAVIOUR OF SANDWICH PANELS WITH EPS FOAM CORE**
ÇALIŞKAN U., APALAK M. K.
CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2016 – ICAME2016, 11 - 13 May 2016
- XXXI. **Stiffness Degradation on Low Speed Impact of Adhesively Bonded Metal Plates**
Yıldırım M., Ekici R., Apalak M. K.
International Conference on Natural Science and Engineering, Kilis, Turkey, 19 - 20 March 2016, pp.1872-1877
- XXXII. **Fonksiyonel Kademelendirilmiş Sandviç Plakaların Balistik Darbe Yükü Altındaki Davranışı Üzerinde Farklı Seramik Bileşenlerinin Etkisinin İncelenmesi**
AYDIN M., APALAK M. K., GÜNEŞ R., Reddy J.
XIX. Ulusal Mekanik Kongresi, Trabzon, Turkey, 24 August - 28 November 2015
- XXXIII. **Yapıştırıcı ile Birleştirilmiş Sandviç T Tipi Bağlantıların Düşük Hızlı Darbe Davranışı**
ÇALIŞKAN U., APALAK M. K., ARSLAN K.
XIX. Ulusal Mekanik Kongresi, Turkey, 24 - 28 August 2015
- XXXIV. **Fonksiyonel Kademelendirilmiş Plakalar ile Desteklenmiş Bal Peteği Sandviç Yapıların Düşük Hızlı Darbe Davranışlarının İncelenmesi**
ARSLAN K., GÜNEŞ R., APALAK M. K., Reddy J.
XIX. Ulusal Mekanik Kongresi, Trabzon, Turkey, 24 - 28 August 2015
- XXXV. **Alüminyum Plakaların Balistik Performansının Araştırılması**
Hakan M., Güneş R., Apalak M. K.
XIX. Ulusal Mekanik Kongresi, Trabzon, Turkey, 24 - 28 August 2015, pp.525-535
- XXXVI. **Numerical Investigations On The Ballistic Performance Of Honeycomb Sandwich Structures Reinforced By Functionally Graded Plates**
GÜNEŞ R., ARSLAN K., APALAK M. K., Reddy J.
13th International Symposium on Multiscale, Multifunctional and Functionally Graded Materials, Sao Paulo, Brazil, 19 - 22 October 2014, pp.16-20
- XXXVII. **An Experimental Study On Ballistics Performance: Functionally Graded Sandwich Plate Impacted By A 9 Mm Parabellum Projectile**
AYDIN M., APALAK M. K., GÜNEŞ R., Reddy J.
13th International Symposium on Multiscale, Multifunctional and Functionally Graded Materials, Sao Paulo, Brazil, 19 - 22 October 2014, pp.21-24
- XXXVIII. **Numerical Investigations on the Ballistic Performance of Honeycomb Sandwich Structures Reinforced by Functionally Graded Plates**
GÜNEŞ R., ARSLAN K., APALAK M. K., JN R.
Proceedings of the 13th International Symposium on Multiscale, Multifunctional and Functionally Graded Materials, Sao-Paulo, Brazil, 19 - 22 October 2014, vol.1, pp.9-13
- XXXIX. **Alüminyum Plakalar ile Takviyelendirilmiş Alüminyum Bal Peteği Sandviç Yapıların Düşük Hızlı Darbe Davranışlarının İncelenmesi**
ARSLAN K., GÜNEŞ R., APALAK M. K.
V. Ulusal Havacılık ve Uzay Konferansı, Kayseri, Turkey, 8 - 10 September 2014, pp.1-10
- XL. **IN-PLANE THERMAL RESIDUAL STRESSES IN FUNCTIONALLY GRADED PLATES**
APALAK M. K., DEMİRBAŞ M. D.
12th ASME Biennial Conference on Engineering Systems Design and Analysis (ESDA2014), Copenhagen, Denmark, 25 - 27 June 2014
- XLI. **IN-PLANE THERMAL RESIDUAL STRESSES IN ADHESIVELY BONDED FUNCTIONALLY GRADED PLATES**
APALAK M. K., DEMİRBAŞ M. D.
The sixteenth European Conference for Composite Materials (ECCM16), Seville, Spain, 22 - 26 June 2014, pp.1-10
- XLII. **Plaklı Bir Damar İle Nitinol Stent Etkileşiminin Sonlu Elemanlar Yöntemiyle İncelenmesi**

GÜNEŞ R., ÇAM Ö., APALAK M. K.

Uluslararası Katılımlı 6. Biyomekanik Kongresi, Sakarya, Turkey, 28 - 30 September 2012

- XLIII. **Plaklı Bir Damar İle Nitinol Stent Etkileşiminin Sonlu Elemanlar Yöntemiyle İncelenmesi Investigation Of Interaction Between Nitinol Stent And A Vascular Plaque Using Finite Element Method**
GÜNEŞ R., ÇAM Ö., APALAK M. K.
6. Biyomekanik Uluslararası Katılımlı Kongre, Sakarya, Turkey, 28 - 30 September 2012, vol.16, no.3, pp.319-329
- XLIV. **Effect of Volume Fraction and Microstructure on the Indentation Behavior of Metal Matrix Composites**
Ekici R., Apalak M. K. , Yıldırım M.
, International Symposium on Advances in Applied Mechanics and Modern Information Technology (ISAAM-MIT-11), Baku, Azerbaijan, Baku, Azerbaijan, 1 - 04 September 2011, pp.156-160
- XLV. **Nitinol Stentin Süperelastik Davranışının Analizi**
GÜNEŞ R., APALAK M. K. , Gölgeci H.
Uluslararası Katılımlı V. Ulusal Biyomekanik Kongresi, İzmir, Turkey, 23 - 25 September 2010
- XLVI. **Low-Velocity Impact Behaviour Of Functionally Graded Circular Plates**
GÜNEŞ R., APALAK M. K. , AYDIN M., Reddy J. N.
11th International Symposium on Multiscale, Multifunctional and Functionally Graded Materials, Guimarães, Portugal, Portugal, 1 - 04 September 2010, pp.1
- XLVII. **Alüminyum Plakaların Düşük Hızlı Darbe Davranışlarının Deneysel ve Sayısal Olarak İncelenmesi**
GÜNEŞ R., APALAK M. K. , AYDIN M.
16.Ulusal Mekanik Kongresi, Kayseri, Turkey, 1 - 04 July 2009
- XLVIII. **Fonksiyonel Kademelendirilmiş Dairesel Plakaların Düşük Hızlı Darbe Analizi**
GÜNEŞ R., APALAK M. K. , AYDIN M.
16.Ulusal Mekanik Kongresi, Kayseri, Turkey, 1 - 04 May 2009
- XLIX. **Fonksiyonel Kademelendirilmiş Tek Bindirme Bağlantılı Silindirik Plakaların Burkulma Sonrası Davranışları**
GÜNEŞ R., APALAK M. K. , AYDIN M.
Kayseri VII. Havacılık Sempozyumu, Kayseri, Turkey, 1 - 04 July 2008
- L. **Elastic stresses in adhesively bonded functionally graded single lap joints subjected to mechanical and thermal loads**
APALAK M. K.
ACE-X 2008 International Conference on Advanced Computational Engineering and Experimenting, Special Session: Adhesive Bonding, Barcelona, Spain, Spain, 1 - 04 July 2008, pp.1
- LI. **Al/SiC partikül takviyeli metal matrisli kompozitlerin batma davranışları üzerine partikül hacim oranının etkileri**
EKİCİ R., APALAK M. K. , YILDIRIM M.
HaSeM'08 Kayseri VII. Havacılık Sempozyumu, Kayseri, Turkey, 15 - 16 May 2008, pp.206-212
- LII. **Yapıştırıcı ile birleştirilmiş alüminyum-çelik sandviç bağlantılarının düşük hızlı darbe davranışlarının incelenmesi**
YILDIRIM M., APALAK M. K. , EKİCİ R.
HaSeM'08 Kayseri VII. Havacılık Sempozyumu, Kayseri, Turkey, 15 - 16 May 2008, pp.134-137
- LIII. **Free vibration analysis and design of an adhesively bonded composite single lap joint**
APALAK M. K. , Ekici R., Yıldırım M.
ASME International Mechanical Engineering Congress and Exposition, Washington, United States Of America, 11 - 15 November 2007, pp.211-220
- LIV. **Post-buckling of Functionally Graded Cylindrical Shells**
GÜNEŞ R., APALAK M. K. , Taşdemir H. A.
2007 ASME International Mechanical Engineering Congress and Exposition, Seattle, Washington, United States Of America, 1 - 04 November 2007, pp.1
- LV. **Fonksiyonel Kademelendirilmiş Küresel Kabukların Burkulma Sonrası Davranışları**
GÜNEŞ R., APALAK M. K. , Taşdemir H. A.

XV: Ulusal Mekanik Kongresi, Isparta, Turkey, 3 - 07 September 2007

- LVI. **Fonksiyonel Kademelendirilmiş Dairesel Plakaların Lineer Olmayan Termomekanik Analizleri**
GÜNEŞ R., APALAK M. K. , Reddy J.

XV. Ulusal Mekanik Kongresi, Isparta, Turkey, 3 - 07 September 2007

- LVII. **Thermal Residual Stresses in an Adhesively Bonded Functionally Graded Single Lap Joint Subjected to Uniform Temperature Field**

GÜNEŞ R., APALAK M. K.

12nd International Conference on Machine Design and Production, UMTIK'2006, Kuşadası, Turkey, Turkey, 1 - 04 September 2006, pp.1

- LVIII. **Failure analysis of an adhesively bonded carbon fiber reinforced polymeric (CFRP) composite single lap joint under flexure loads**

APALAK Z. G. , GENÇ M. S. , APALAK M. K.

7th International Fracture Conference IFC 2005, Kocaeli, Turkey, Turkey, 1 - 04 October 2005, pp.1

- LIX. **Investigation of Thermal Residual Stresses in an Adhesively Bonded Functionally Graded Single Lap Joint**

APALAK M. K. , GÜNEŞ R.

The Sixth International Congress on Thermal Stresses THERMAL STRESSES 2005, TS-2005, Vienna, Austria, Austria, 1 - 04 May 2005, pp.1

- LX. **Damage zone growth in an adhesively bonded composite single lap joint**

APALAK Z. G. , GENÇ M. S. , APALAK M. K.

The 11th International Conference on Machine Design and Production UMTIK 2004, METU, Antalya, Turkey, Turkey, 1 - 04 October 2004, pp.1

- LXI. **Stress analysis of an adhesively bonded functionally graded single lap joint**

GÜNEŞ R., APALAK M. K.

The 11th International Conference on Machine Design and Production UMTIK 2004, METU, Antalya, Turkey, Turkey, 1 - 04 October 2004, pp.1

- LXII. **Thermal residual stress analysis of functionally graded plates**

APALAK M. K. , GÜNEŞ R.

SEMC 2004 : The Second International Conference on Structural Engineering, Mechanics and Computation, Cape Town, South Africa, South Africa, 1 - 04 July 2004, pp.1

- LXIII. **, Thermal Residual Stresses in Multilayered Plates Subjected to Uniform, Linear and Parabolic Temperature Distributions**

APALAK M. K. , GÜNEŞ R.

The Fifth International Congress on Thermal Stresses THERMAL STRESSES 2003, Blacksburg, VA, USA, United States Of America, 1 - 04 June 2003, pp.1

- LXIV. **Investigation of Thermal Residual Stresses in Multi-layered Plates with Different Material Combinations**

GÜNEŞ R., APALAK M. K.

The 10th International Conference on Machine Design and Production UMTIK 2002, METU, Cappadocia, Turkey, Turkey, 1 - 04 September 2002, pp.1

- LXV. **Elasto-plastic Stress Analysis of an Adhesively Bonded Single Lap Joint Subjected to a Bending Moment**

APALAK M. K. , Engin A.

The 10th International Conference on Machine Design and Production UMTIK 2002, METU, Cappadocia, Turkey, Turkey, 1 - 04 September 2002, pp.1

- LXVI. **Geometrically Non-linear Thermal Stress Analysis of an Adhesively Bonded Tee Joint with Single Support plus Angled Reinforcement**

APALAK M. K. , GÜNEŞ R.

The Fourth International Congress on Thermal Stresses THERMAL STRESSES 2001, Japan, 1 - 04 June 2001, pp.1

- LXVII. **Geometrically Non-linear Thermal Stress Analysis of an Adhesively Bonded Tee Joint with Double Support**

- APALAK M. K. , GÜNEŞ R., Karakaş E. S.
SEMC 2001 : The International Conference on Structural Engineering, Mechanics and Computation, South Africa, 1 - 04 March 2001, pp.1
- LXVIII. **Elasto-plastic Stress Analysis of an Adhesively Bonded Single Lap Joint**
APALAK M. K. , Engin A.
The 9th International Conference on Machine Design and Production UMTIK 2000, Turkey, 1 - 04 September 2000, pp.1
- LXIX. **On Elastic Contact Stresses in a Thin Hard Coating/an Elastic Substrate System**
Taşdemirci A., APALAK M. K.
The 9th International Conference on Machine Design and Production UMTIK 2000, Turkey, 1 - 04 September 2000, pp.1
- LXX. **Effect of Geometrical Non-linearity on the Stress and Deformation States of Adhesive Joints**
APALAK M. K.
Second International Symposium on Adhesive Joints : Formation, Characteristics and Testing, United States Of America, 1 - 04 March 2000, pp.221-256
- LXXI. **Zonlu Toprak Dolgu Barajlarda Sızmanın ve Boşluk Suyu Basınçlarının Belirlenmesi**
ARDIÇLIOĞLU M., KARA H. B. , APALAK M. K.
Su Yapılarında Karşılaşılan Zemin mekaniği Problemleri, DSİ XXV. Bölge Müdürlüğü, Balıkesir, Turkey, 1 - 04 December 1998
- LXXII. **Uçaklarda Pist Pürüzlülüğüyle Meydana Gelen Titreşimlerin Nümerik Analizi**
TAPLAK H., SU Ş., APALAK M. K.
8. Ulusal Makine Teorisi Sempozyumu, Elazığ, Turkey, 17 - 19 September 1997
- LXXIII. **Effect of Tapering Adherend Ends of Adhesive Single Lap Joints between Circular Tubes Loaded in Tension**
APALAK M. K. , Davies R., APALAK Z. G.
The 2nd National Computational Mechanics Conference UHEM 96, Karadeniz Technical University, Trabzon, Turkey, Trabzon, Turkey, 1 - 04 September 1996, pp.1
- LXXIV. **Analysis and Design of Bonded Double Containment Cantilever Joints**
APALAK M. K. , Engin A.
The 7th International Conference on Machine Design and Production UMTIK 96, Turkey, 1 - 04 September 1996, pp.517-528
- LXXV. **Stress Analysis of Adhesive Single Lap Joints between Circular Tubes Loaded in Tension**
APALAK M. K. , APALAK Z. G. , Davies R.
The 2nd National Computational Mechanics Conference UHEM 96, Trabzon, Turkey, 1 - 04 September 1996, pp.1

Other Publications

- I. **DAMAGE ANALYSIS OF LOW-VELOCITY IMPACT ON COMPOSITE SANDWICH PANELS USING 3D SOLID FINITE ELEMENT**
ÇALIŞKAN U., APALAK M. K.
Technical Report, pp.1-10, 2017
- II. **Fonksiyonel olarak kademelendirilmiş partikül takviyeli metal matrisli kompozit malzemelerin batma davranışlarının incelenmesi, Türkiye ABAQUS Kullanıcılar Toplantısı**
EKİCİ R., APALAK M. K.
Presentation, pp.1-7, 2009
- III. **Alüminyum esaslı SiC partikül takviyeli metal matrisli kompozitlerin batma davranışına hacim oranının etkisinin incelenmesi, Türkiye ABAQUS Kullanıcılar Toplantısı**
EKİCİ R., YILDIRIM M., APALAK M. K.
Presentation, pp.25-34, 2007
- IV. **Yapıştırıcı ile birleştirilmiş sandviç bağlantılarının düşük hızlı darbe davranışlarının incelenmesi,**

Türkiye ABAQUS Kullanıcılar Toplantısı

YILDIRIM M., EKİCİ R., APALAK M. K.

Presentation, pp.249-254, 2007

V. Yapıştırıcı ile birleştirilmiş bindirme bağlantıların lineer serbest titreşim altında optimum titreşim kontrolü, Türkiye ABAQUS Kullanıcılar Toplantısı

YILDIRIM M., EKİCİ R., APALAK M. K.

Presentation, pp.207-221, 2006

VI. Yapıştırıcı ile birleştirilmiş tabakalı kompozit bindirme bağlantıların lineer serbest titreşim altında optimum tasarımı, Türkiye ABAQUS Kullanıcılar Toplantısı

EKİCİ R., YILDIRIM M., APALAK M. K.

Presentation, pp.191-203, 2006

Supported Projects

GÜNEŞ R., APALAK M. K. , TUBITAK Project, Statik ve Düşük Hızlı Çarpma Yükleri Altında Fonksiyonel Kademelendirilmiş Plakaların ve Silindirik Kabukların Lineer Olmayan Termo-Mekanik Analizleri, 2007 - Continues

APALAK M. K. , GÜNEŞ R., AYDIN M., ARSLAN K., ÇALIŞKAN U., Project Supported by Higher Education Institutions, Fonksiyonel Kademelendirilmiş Malzemelerin Yüksek Şekil Değiştirme Hızlarındaki Mekanik Özelliklerinin Karakterizasyonu ve Sayısal Modelinin Geliştirilmesi, 2017 - 2019

APALAK M. K. , DÖRDÜNCÜ M., REDDY J. N. , Project Supported by Higher Education Institutions, İşlevsel Kademelendirilmiş Dairesel Silindirlerde Elastik Dalga Yayılımı, 2016 - 2019

APALAK M. K. , ALKEFLAWI D., Project Supported by Higher Education Institutions, Buckling And Postbuckling Behaviors Of Metal Sandwich Beams With Polymeric Foam, 2017 - 2018

APALAK M. K. , ÇALIŞKAN U., Project Supported by Higher Education Institutions, KOMPOZİT SANDVIÇ KİRİŞLERİN EĞİLME DARBE DAVRANIŞININ İNCELENMESİ, 2016 - 2018

APALAK M. K. , ÇIKLAÇANDIR K., Project Supported by Higher Education Institutions, YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ METAL ÇUBUKLARIN BURKULMA ANALİZİ, 2017 - 2017

APALAK M. K. , ARSLAN Y. E. , Project Supported by Higher Education Institutions, YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ TABAKALI KOMPOZİT ÇUBUKLARIN BURKULMA ANALİZİ, 2017 - 2017

APALAK Z. G. , APALAK M. K. , AYDIN M., Project Supported by Higher Education Institutions, Fonksiyonel Kademelendirilmiş Sandviç Plakaların Üretim Süreçlerinin En İyileştirilerek Balistik Performanslarının İncelenmesi, 2016 - 2017

GÜNEŞ R., APALAK M. K. , ARSLAN K., Project Supported by Higher Education Institutions, Fonksiyonel Kademelendirilmiş Plakalar ile Desteklenmiş Bal Peteği Sandviç Yapıların Üretim Şartlarının İyileştirilerek Balistik Performanslarının Araştırılması, 2016 - 2017

APALAK M. K. , ÇALIŞKAN U., Project Supported by Higher Education Institutions, Sandviç Kirişlerin Eğilme Darbe Davranışlarının İncelenmesi, 2014 - 2016

GÜNEŞ R., APALAK M. K. , TUBITAK Project, FONKSİYONEL KADEMELENDİRİLMİŞ SANDVIÇ PLAKALARIN BALİSTİK DARBE ETKİSİ ALTINDA LİNEER OLMAYAN MEKANİK ANALİZLERİ, 2013 - 2016

APALAK M. K. , YILMAZ I., GÜNEŞ R., Project Supported by Higher Education Institutions, V. ULUSAL HAVACILIK VE UZAY KONFERANSI, 8-10 EYLÜL 2014, SİVİL HAVACILIK YÜKSEKOKULU, ERCİYES ÜNİVERSİTESİ, KAYSERİ, 2014 - 2015

APALAK M. K. , ATAHAN M. G. , Project Supported by Higher Education Institutions, Yapıştırıcı ile Birleştirilmiş Tek Bindirme Bağlantıların Eğik Darbe Altındaki Davranışlarının İncelenmesi, 2014 - 2015

APALAK M. K. , AYDIN M., Project Supported by Higher Education Institutions, Fonksiyonel Kademelendirilmiş Sandviç Plakaların Balistik Davranışlarının İncelenmesi, 2012 - 2015

APALAK M. K. , DEMİRBAŞ M. D. , Project Supported by Higher Education Institutions, DÜZLEM İÇİ ISIL YÜKE MARUZ İKİ YÖNLÜ İŞLEVSEL KADEMELENDİRİLMİŞ DÖRTGEN VE DAİRESEL PLAKALARIN ISIL GERİLME ANALİZİ, 2012 - 2014

APALAK M. K. , APALAK Z. G. , EKİCİ R., YILDIRIM M., Project Supported by Higher Education Institutions, KATLANMAMIŞ KOMPOZİT YAPILARDA PERİODİK YÜKLER ALTINDA HASAR OLUŞUMU VE GELİŞİMİNİN DOĞRUSAL OLMAYAN BÜNYE MODELLERİ İLE BELİRLENMEİ, 2006 - 2013

APALAK M. K. , YILDIRIM M., Project Supported by Higher Education Institutions, YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ BİNDİRME BAĞLANTILARIN DÜŞÜK HIZLI DARBE DAVRANIŞLARI, 2009 - 2011

APALAK M. K. , BAĞCI M. D. , Project Supported by Higher Education Institutions, DÜZLEM İÇİ ISIL YÜKE MARUZ TEK YÖNLÜ İŞLEVSEL KADEMELENDİRİLMİŞ PLAKALARDA ISIL ARTIK GERİLMELERİN ANALİZİ, 2009 - 2010

GÜNEŞ R., APALAK M. K. , KARAMAN İ., YILDIRIM M., Project Supported by Higher Education Institutions, ŞEKİL HAFIZALI ALAŞIMLARIN LİNEER OLMAYAN ANALİZLERİ, 2007 - 2010

NAİR F., KARAMIŞ M. B. , GÜNEŞ R., APALAK M. K. , Project Supported by Higher Education Institutions, FONKSİYONEL KADEMELENDİRİLMİŞ KOMPOZİT PLAKALARIN YÜKSEK HIZLI ÇARPMA YÜKLERİ ALTINDA TERMO-MEKANİK DAVRANIŞLARININ İNCELENMESİ, 2000 - 2010

APALAK M. K. , ÜNLÜ Ş. M. , EKİCİ R., Project Supported by Higher Education Institutions, YAPIŞTIRICIYLA BİRLEŞTİRİLMİŞ T BAĞLANTILARIN MODAL ANALİZİ VE TİTREŞİM KONTROLÜ, 2007 - 2008

APALAK M. K. , EKİCİ R., Project Supported by Higher Education Institutions, TEMAS YÜKLERİNİN METAL MATRİSLİ KOMPOZİTLERİN YÜZEYLERİNDE NEDEN OLDUĞU GERİLME VE DEFORMASYONLARDA MALZEME ÖZELLİKLERİNİN TESİRLERİNİN ARAŞTIRILMASI VE OPTİMUM YAPININ ELDE EDİLMESİ, 2006 - 2008

APALAK M. K. , YILDIRIM M., Project Supported by Higher Education Institutions, YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ TABAKALI KOMPOZİT BİNDİRME BAĞLANTILARIN LİNEER SERBEST TİTREŞİM VE ELASTİK GERİLEME ANALİZİ, 2005 - 2006

APALAK M. K. , APALAK Z. G. , GÜNEŞ R., Project Supported by Higher Education Institutions, ÇOK KATMANLI YADA FONKSİYONEL OLARAK KADEMELENDİRİLMİŞ KOMPOZİT PLAKALARDA ISIL ARTIK GERİLMELERİN ANALİZİ, 2004 - 2006

APALAK M. K. , GENÇ M. S. , APALAK Z. G. , DEMİRTAŞ H., Project Supported by Higher Education Institutions, YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ FİBER DESTEKLİ KOMPOZİT BİNDİRME BAĞLANTILARININ HASAR BÖLGESİ MODELİNE BAĞLI OPTİMUM TASARIMI, 2004 - 2005

APALAK M. K. , Project Supported by Higher Education Institutions, YAPIŞTIRICI İLE BİRLEŞTİRİLMİŞ BİNDİRME VE ANKASTRE BAĞLANTILARIN ELASTİK-PLASTİK ANALİZİ VE TASARIMI, 2002 - 2004

Activities in Scientific Journals

International Journal of Adhesion and Adhesives, Advisory Committee Member, 2013 - Continues

Journal of Structures, Editor, 2013 - Continues

The Journal of Adhesion Science and Technology, Advisory Committee Member, 2009 - Continues

Citations

Total Citations (WOS):964

h-index (WOS):19

Scholarships

İngiliz Hükümetince deniz aşırı doktora öğrencilerine verilen , OVERSEAS RESEARCH STUDENT AWARD, University, 1991 - Continues