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SAFERA – Evropski projekt industrijske bezbednosti

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N. Tomović, I. Dimić, M. Rakin, S. Putić, B. Međo

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S. Sedmak, M. Tošić, Lj. Milović

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D. Živojinović, A. Sedmak, A. Grbović

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S. Kirin, M. Pantelić, I. Miljanović, V. Talović

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C. Besleaga, R.M. Negriu, S.G. Badea

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M. Arsić, M. Burzić, R.M. Karić, B. Vistać, Z. Savić

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J. Đoković, R. Nikolić, D. Ilić, J. Vičan

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M. Ristić, M. Ognjanović

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B.S. Younise, A. Sedmak

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U. Tatić, V. Miletić, S. Sedmak, N. Mitrović, A. Eždenci, L. Gubelj, M. Milošević

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E. Rakipovski, A. Grbović, G. Kastratović, N. Vidanović

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J. Djoković, R. Nikolić, B. Hadzima

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R. Jovičić, S. Sedmak, U. Tatić, U. Lukić, M. Walid

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E. Doncheva, A. Sedmak

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H. Dascau, S. Kirin, A. Sedmak, A. Eramah, S. Tadić

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Crack Resistance of Aluminium Alloy Friction Stir Welded Joint

M. Balać, A. Grbović, A. Petrović

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V. Milisavljević, D. Zlatanović, S. Sedmak, M. Ljubojev

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E. Doncheva, B. Medjo, A. Sedmak

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Ž. Lazarević, I. Arandelović, S. Kirin

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S.A. Sedmak, M. Arsić, D. Bajić, M. Mladenović, Z. Savić, S. Koprivica

Analiza uzroka degradacije osnovnog materijala i metala šava račve na hidroelektrani 'Perućica'
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S. Petronić, M. Burzić, D. Milovanović, K. Čolić, S. Perković

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A. Saaidia, A. Bezazi, A. Belbah, S. Amroune, F. Scarpa

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K. Legweel, A. Sedmak, K. Čolić, Z. Burzić, L. Gubeljak

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D. Kalaba, M. Đorđević, V. Ivanović

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Determining the Reliability Functions of the Boiler Tubing System in Power Plant 'Nikola Tesla, Block A4'

M. Ristić, R. Prokić-Cvetković, B. Katavić, I. Vasović

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A. Živković, A. Đurđević, A. Sedmak, S. Tadić, I. Jovanović, Đ. Đurđević, K. Zammit

Zavarivanje trenjem sa mešanjem aluminijumskih legura – T spojevi
Friction Stir Welding of Aluminium Alloys – T Joints

A.C. Murariu, S. Crăsteți, A.V. Bîrdeanu

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A.C. Murariu, Z. Golubović, A. Sedmak, D. Kreculj

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B. Bobić, B. Jegdić, B. Jugović, J. Stevanović, B. Gligorijević, A. Murariu

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M. Ćosić, N. Šušić, R. Folić, R. Bancila

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J. Djoković, R. Nikolić, J. Bujnak, A. Sedmak

Uticaj geometrije šava na vek cilindričnih zavarenih spojeva
Influence of Weld Geometry on Cylindrical Welded Joint Life

A. Mitrović, V. Miljković, D. Popović, Dj. Koruga

Mehaničke karakteristike nanofotoničnih mekih kontaktnih sočiva na bazi poli (2-hidroksietil metakrilata) i fullerena
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M. Ćetković, L. György

Termo-elastična stabilnost laminata sa vlaknima pod proizvoljnim uglom - primena slojevitih konačnih elemenata
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I. Martić, A. Sedmak, R. Tomić, I. Hot

Procena preostalog veka posude pod pritiskom u rafineriji
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A. Milovanović, A. Sedmak, R. Tomić, I. Hot, I. Martić

Proračun lokalnih napona u ispupčenom dancu vertikalne posude pod pritiskom usled opterećenja osloncem – „suknjom“ prema EN 13445-3:2014
Calculation of local loads in torispherical end of vertical vessel with skirt according to EN 13445-3:2014

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Nematerijalna materijalnost: akustičko nasleđe u arhitekturi
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B. Medjo, M. Arsić, M. Rakin, S.A. Sedmak, Z. Malešević, Z. Savić

Ocena integriteta elemenata sistema cevovoda za regulaciju na hidroelektričnom generatoru A6 na hidroelektrani 'Djerdap 1'

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I. Rakonjac, I. Rakonjac, N. Fotirić, I. Rajković, M. Gašić

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B. Jegdić, B. Bobić, J. Stevanović, B. Alić

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S. Baloš, D. Rajnović, D. Labus Zlatanović, M. Dramićanin, L. Šidanin, M. Rakita, P. Skakun

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Failure of a Combine Harvester Front Axle

N. Gupta, P. Thakur, S.B. Sing

Matematička metoda za određivanje brzine toplotne deformacije i pomeranja kod debelozidne sferne ljuske

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Creep Modelling in a Composite Rotating Disc with Thickness Variation in the Presence of Residual Stress

S. Petronić, R. Jovičić, O. Erić-Cekić

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D. Kozak, D. Damjanović, M. Katinić

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Integrity Assessment of the Butt Weld Joint with Defect According to EN ISO 6520-1, Series 400

V. Miljković, A. Mitrović, D. Stamenković, D. Popović, Dj. Koruga

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M. Pavišić

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P. Thakur, S. Kumar, J. Singh, S.B. Singh

Uticaj parametra promene gustine kod čvrstog diska
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M. Arsić, S. Bošnjak, S.A. Sedmak, Ž. Šarkoćević, Z. Savić, D. Radu

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P. Thakur, S. Kumar

Proračun napona u transversalno izotropnom kružnom disku sa uključkom
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I. Grozdanović, N. Trišović, W. Li

Efekte šuma i unutrašnjeg kašnjenja na koherentne oscilacije u slučaju dva stohastička dinamička sistema sa kašnjenjem
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CTOD Toughness Evaluation of Hyperbaric Repair Welds Made Under Severe Conditions

I. Čamagić, S. Jović, M. Radojković, S.A. Sedmak, A. Sedmak, Z. Burzić, C. Delamarian

Uticaj temperature i vremena eksploatacije na ponašanje zavarenog spoja pri delovanju udarnog opterećenja
Influence of Temperature and Exploitation Period on the Behaviour of a Welded Joint Subjected to Impact Loading

R. Jovičić, Z. Radaković, S. Petronić, E. Džindo, K. Jovičić Bubalo

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A. Kraedegh, W. Li, A. Sedmak, A. Grbović, N. Trišović, R. Mitrović, S. Kirin

Simulacija rasta zamorne prsline u A2024-T351 T zavarenom spoju
Simulation of Fatigue Crack Growth in A2024-T351 T Welded Joint

A. Sghayer, A. Grbović, A. Sedmak, M. Dinulović, E. Doncheva, B. Petrovski

Analiza zamornog veka integralnog panela sa ojačanjem primenom XFEM
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M. Aldarwish, A. Grbović, G. Kastratović, A. Sedmak, N. Vidanović

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B. Bobić, B. Jegdić, M. Burzić, Z. Damnjanović

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Corrosion Testing of Sa 387 GR. 91 Steel

M. Milošević, G. Mladenović, A. Sedmak, A. Plohar, B. Likozar

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S. Mohamed, M. Hadj Meliani, El-Miloudi Khaled, C. Fares, M.A. Benghalia

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I. Žmak, V. Vurnek, J. Šundrica

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Ramesh Chand, G. C. Rana

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D. Tanasković, B. Đorđević, U. Tatić, S.A. Sedmak, M. Gajin

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A. Milovanović, A. Sedmak, K. Čolić, U. Tatić, B. Đorđević

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M. Reljić, B. Lazić, J. Stepanović, D. Đorđić

Termofiziološke karakteristike pletenina za izradu sportskog veša
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K.A. Eldwaib, A. Grbović, G. Kastratović, D. Radu, S.A. Sedmak

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P. Thakur, D.S. Pathania, G. Verma, J. Lozanović-Šajić

Nehomogeni efekat u sfernoj ljusci primenom teorije Seta

Non-Homogeneity Effect in the Spherical Shell by Using Seth's Theory

P. Thakur

Naponi usled puzanja u kružnom cilindru opterećenim na torziju

Creep Stresses in a Circular Cylinder Subjected to Torsion

S. Sharma

Prelazni naponi puzanja pri savijanju funkcionalne kompozitne transversalno izotropne četvorougaoe ploče

Creep Transition in Bending of Functionally Graded Transversely Isotropic Rectangular Plates

S. Sharma, P. Thakur, R. Sharma, R.K. Bhardwaj, Z. Radaković

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Elastic-Plastic Transition in Torsion of Composite Thick-Walled Circular Cylinder Subjected to Pressure

K. Maksimović, I. Vasović, M. Maksimović, D. Stamenković, D. Turnić

Optimizacija elemenata vazduhoplovnih konstrukcija

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K. Čolić, N. Gubeljak, M. Burzić, A. Sedmak, T. Mijatović, A. Milovanović

Ispitivanje ponašanja pri lomu tankih ploča od nerđajućeg čelika S316L

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S.A. Sedmak, R. Jovičić, A. Sedmak, B. Đorđević, I. Čamagić

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M. Kozić, S. Ristić, B. Katavic, B. Jegdić, M. Prvulović, M. Prokolab, S. Linić

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Đ. Đurđević, N. Anđelić, T. Maneski, A. Đurđević

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Numerical Analysis of Stress and Strain State of Container Terminal Structural Elements

I. Čamagić, S. Sedmak, A. Sedmak, Z. Burzić, A. Todić

Uticaj temperature i vremena eksploatacije na žilavost loma K_{Ic} pri ravnom stanju deformacije u zavarenom spoju

Impact of Temperature and Exploitation Time on Plane Strain Fracture Toughness, K_{Ic} , in a Welded Joint

I. Vučetić, S. Kirin, T. Vučetić, T. Golubović, A. Sedmak

Analiza rizika u slučaju havarije rezervoara za vazduh u RHE Bajina Bašta
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R. Sharma, S. Sharma, Z. Radaković

Termička analiza pužanja cilindričnih debelozidih posuda pod pritiskom
Thermal Creep Analysis of Pressurized Thick-Walled Cylindrical Vessels

P. Thakur, P. Mahajan, S. Kumar

Naponi pužanja i brzina deformacije u transverzalno izotropnom disku promenljive debljine izloženom unutrašnjem pritisku
Creep Stresses and Strain Rates for a Transversely Isotropic Disc of Variable Thickness Under Internal Pressure

A. Kumar, D.S. Pathania

Analiza ravnih deformacija kod termodifuzionih mikrorastegljivih i mikropolarnih sredina u okviru GL i LS teorija termoelastičnosti
Analysis of Plane Deformation in Thermo-Diffusive Microstretch & Micropolar Media in Context of GL and LS Theories of Thermoelasticity

S. Sharma, S. Yadav, Z. Radaković

Konačna deformacija pužanja debelozidog kružnog cilindra promenljive stišljivosti pod spoljnim pritiskom
Finite Creep Deformation in Thick-Walled Circular Cylinder with Varying Compressibility Under External Pressure

P. Manimaran, P. Senthamarai Kannan, M.R. Sanjay, C. Barile

Poređenje osobina vlakana biljaka azadirachta indica i acacia arabica za primene kod lakih kompozita
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S. Petronić, A.-V. Birdeanu, R. Jovičić, K. Čolić, D. Vašalić, O. Erić-Cekić

Uticaj mehaničkih osobina austenitnih čelika na dozvoljene napone i debljine zida opreme pod pritiskom
Impact of Austenitic Steels' Mechanical Properties on Allowed Stress and Wall Thickness of Pressure Equipment

B. Međo, M. Arsić, M. Rakin, S.A. Sedmak, Z. Savić

Ocena integriteta nosećih greda koje omogućavaju zajednički rad dve mostne dizalice
Integrity Assessment of Vital Beam Components that Enable Conjoint Operation of Two Bridge Cranes

M. Ashiquzzaman, M.T. Islam

Određivanje čvrstoće betona primenom betonskih jezgara manjih prečnika radi procene integriteta konstrukcije

Defining Concrete Strength Using Smaller Diameter Concrete Cores in Structural Safety

V.I. Rizov

Raslojavanje kod višeslojnih funkcionalnih kompozitnih nosača –analitička studija sa primenom relacije Ramberg-Osgood
Delamination in Multilayered Functionally Graded Beams – An Analytical Study by Using the Ramberg-Osgood Equation

S.A. Sedmak, R. Jovičić, A. Sedmak, M. Arandelović, B. Đorđević

Uticaj prisustva više vrsta grešaka u zavarenom spoju opterećenim na zamor u skladu sa standardom SIST EN ISO 5817:2014
Influence of Multiple Defects in Welded Joints Subjected to Fatigue Loading According to SIST EN ISO 5817:2014

S. Sharma, S. Yadava, R. Sharma

Puzanje pri uvijanju cilindričnih debelozidih posuda pri unutrašnjem i spoljnom pritisku
Creep Torsion in Thick-Walled Circular Cylinder Under Internal and External Pressure

L. Jeremić, B. Đorđević, S.A. Sedmak, A. Sedmak, M. Rakin, M. Arandelović

Uticaj navarivanja plazmom i prisustva karbida na pojavu prslina i mikroprslina
Effect of Plasma Hardfacing and Carbides Presence on the Occurrence of Cracks and Microcracks

Lj. Janjušević

Rad Mihaila Petrovića na razvoju vojnih konstrukcija i opreme
Mihailo Petrović's Work on Development of Military Structures and Equipment

S. Sharma, R. Panchal

Naponi puzanja u rotirajućem ortotropnom cilindru od funkcionalnih kompozita promenljive debljine i gustine pri unutrašnjem i spoljnom pritisku
Creep Stresses in Functionally Graded Rotating Orthotropic Cylinder with Varying Thickness and Density Under Internal and External Pressure

A. Kumar, D.S. Pathania, S. Singh

Termomehaničko ponašanje mikrorastegljivog termoelastičnog tela sa mikrotemperaturama pod dejstvom izvora toplote
Thermo-Mechanical Behaviour of Microstretch Thermoelastic Medium with Microtemperatures Subjected to Input Heat Source

P. Thakur, M. Sethi, S.D. Shahi, S.B. Singh, F.S. Emmanuel

Tačno rešenje problema rotirajućeg diska sa osovinom promenljive gustine i debljine pri elastoplastičnim naponima
Exact Solution of Rotating Disc with Shaft Problem in the Elastoplastic State of Stress Having Variable Density and Thickness

P. Thakur, M. Sethi, S.D. Shahi, S.B. Singh, F.S. Emmanuel, J. Lozanović Šajić

Modeliranje puzanja rotirajućeg diska sa opterećenjem i promenljivom debljinom primenom teorije prelaznih napona seta
Modelling of Creep Behaviour of a Rotating Disc in the Presence of Load and Variable Thickness by Using Seth Transition Theory

A. Ghouaoula, A. Hocine, D. Chapelle, M.L. Boubakar, M. Hadj Meliani

Analitičko predviđanje ponašanja oštećenih kompozitnih cevni konstrukcija pri kvazistatičkom opterećenju
Analytical Prediction of Behaviour of Damaged Composite Tubular Structures Under Quasi-Static Pressure

M. Amara, O. Bouledroua, M. Hadj Meliani, B.G.N. Muthanna, M. Tahar Abbes, G. Pluvina

Ocena integriteta cevi za transport CO₂ primenom dijagrama ocene loma sa ograničenjem modifikovanog CTOD
Assessment of Pipe for CO₂ Transportation Using a Constraint Modified CTOD Failure Assessment Diagram

M. Eskandarzade, A. Kalaki, A. Shahrivar

Primena i ograničenja procesa upravljanja korozijom

The Application and Limitations of Corrosion Management Process

V.I. Rizov

Delaminacija nelinearno elastičnih višeslojnih nosača od trostruko gradijentnih materijala

Delamination in Nonlinear Elastic Multilayered Beams of Triple Graded Materials

A. Foriero, Z. Bayati

Analiza izvijanja stubova ukopanih u raznim vrstama tla primenom trodimenzionalne MKE

Three Dimensional FEM Buckling Analyses of Piles Embedded in Various Soil Types

A. Milovanović, A. Sedmak

Procena integriteta balans cevi turbinskog poklopca

Integrity Assessment of Turbine Flat Cover Pipe

S. Doddamani, M. Kaleemulla

Uticaj dodatka grafita na lom i rast zamorne prsline kod Al6061-grafita

Effect of Graphite Addition on the Fracture and Fatigue Crack Growth Behaviour of Al6061-Graphite

D.S. Pathania, A. Kumar

Studija o termomehanici magnetno-mikropolarnog termoelastičnog poluprostora

A Study of Thermo-Mechanics of Magneto-Micropolar Thermoelastic Half Space

S. Nechad, A. Khelil, M. Hadj Meliani, M. Braikia, L. Loukarfi

Trodimenzijsko numeričko istraživanje vrtložnog i eliptičnog strujanja sa različitim faktorima preseka difuzora

Three-Dimensional Numerical Investigation on Swirling Jets and Elliptic Jets with Different Aspect Ratio

P. Thakur, M. Sethi

Modeliranje puzanja kod transversalnog izotropnog rotirajućeg diska sa parametrima opterećenja i gustine

Creep Damage Modelling in a Transversely Isotropic Rotating Disc with Load and Density Parameter

G. Verma, D.S. Pathania

Elastoplastična analiza napona u sfernoj ljusci pri dejstvu unutrašnjeg i spoljašnjeg pritiska
Elastic-Plastic Stress Analysis of Spherical Shell Under Internal and External Pressure

N.T. Chuc, A.K. Bui

Procena uticaja početnih parametara mešavine betona na raspodelu temperature u masi strukture betona
Evaluation of the Impact of Parameter Inputs of Concrete Mix on the Distribution of Temperature in the Mass Concrete Structure

A.A. Saleh

Istraživanje mikrostrukture i mehaničkih osobina spoja legure inconel 738 LC sa tvrdim lemom legure 5Ni 5Ti 90Al

Investigating the Microstructure and Mechanical Properties of Brazed Joint of Inconel 738 LC Alloys Bonded by 5Ni 5Ti 90Al Filler Alloy

M. Pavlović, M. Dojčinović, R. Prokić-Cvetković, Lj. Andrić

Otpornost na dejstvo kavitacije kompozita poliestarska smola/bazaltni prah
Cavitation Resistance of Composite Polyester Resin/Basalt Powdery

M. Paunić, I. Balać, A. Sedmak, K. Čolić

Numerička analiza geometrijskih karakteristika fiksacionih pločica donje vilice izrađenih od hidroksiapatitnih struktura

Numerical Analysis of Geometric Characteristics of Mandible Fixation Plates made of Hydroxyapatite Structures

V. Pilić, V. Mihajlović, P. Stanojević, A. Anđelković, D. Baloš

Primena inovativne metodologije za procenu rizika prilikom određivanja mehanizama oštećenja na primeru dela regenerativnog aminskeg postrojenja

Application of Innovative Risk Assessment Methodology for Damage Mechanisms Identification on Part of Amine Regeneration Unit

M.F. Fekaoui, P. Maspeyrot, M. Hadj Meliani, A. Youcefi

Pasivno upravljanje otpora modela konstrukcije vozila primenom poprečnih razdvojenih ploča
Passive Structural Control of a Model Car Drag by Transverse Separating Plates

S. Maksimović, M. Maksimović, K. Maksimović, I. Vasović, D. Stamenković

Numerička i eksperimentalna analiza naponskog stanja višeslojnih kompozitnih struktura pod dejstvom mehaničkog i hidrotermičkog opterećenja

Numerical and Experimental Stress Analysis of Layered Composite Structures Subject to Mechanical and Hygrothermal Loads

V. Gašić, A. Arsić, Ž. Flajs

Eksperimentalno određivanje napona čeonu momentne veze I-profila

Experimental Study on the Stresses at the I-Beam End-Plate Moment Connection

R. Tomić

Uticaj triboloških parova na oštećenje materijala i konstrukcija

Influence of Tribological Pairs on Structural and Material Damage

P. Thakur, S. Shahi, S.B. Singh, M. Sethi

Koncentracija elastoplastičnih napona kod ortotropnih kompozitnih sfernih ljuski opterećenih unutrašnjim pritiskom

Elastic-Plastic Stress Concentrations in Orthotropic Composite Spherical Shells Subjected to Internal Pressure

S.K. Paul, M. Sahni

Dvodimenzionalni mehanički naponi za cilindar pod pritiskom od funkcionalnog kompozitnog materijala

Two-Dimensional Mechanical Stresses for a Pressurized Cylinder made of Functionally Graded Material

G.C. Rana, H. Saxena, P.K. Gautam

Elektrohidrodinamička termička nestabilnost sloja porozne sredine koji je zasićen Walters (model B) elastoviskoznim nanofluidom

Electrohydrodynamic Thermal Instability in a Porous Medium Layer Saturated by a Walters' (Model B') Elastico-Viscous Nanofluid

P.D. Mehta, M. Sahni, P. Thakur

Analiza čvrstoće rotirajućeg diska od funkcionalnog kompozitnog materijala promenljive gustine i temperature

Strength Analysis of Functionally Graded Rotating Disc Under Variable Density and Temperature Loading

V.I. Rizov, H. Altenbach

Analiza podužnog loma okruglih štapova od funkcionalnog kompozita

On the Analysis of Lengthwise Fracture of Functionally Graded Round Bars

R. Kumar, D.S. Pathania, A. Kumar

Elastodinamičko ponašanje usled mehaničkih sila kod mikrozateznog termoelastičnog dvotemperaturskog poluprostora

Elastodynamic Behaviour due to Mechanical Forces in a Microstretch Thermoelastic Half-Space with Two Temperatures

P. Thakur, M. Sethi

Lebesgova deformacija u elastoplastičnoj ljusci

Lebesgue Measure in an Elasto-Plastic Shell

T. Mijatović, M. Manjgo, M. Burzić, K. Čolić, Z. Burzić, T. Vuherer

Procena veka konstrukcije sa aspekta mehanike loma

Structural Integrity Assesment from the Aspect of Fracture Mechanics

M. Milković, T. Vuherer, N. Gubeljak

Poređenje dve metode merenja zaostalih napona u zavarenim spojevima

Comparison of Two Methods for Measuring Residual Stresses in Weldments

V. Pilić, P. Stanojević, V. Mihajlović, D. Baloš

Identifikacija mehanizama oštećenja i barijera primenom inovativne metodologije za procenu rizika na primeru postrojenja za proizvodnju vodonika

Damage Mechanism and Barrier Identification on Hydrogen Production Unit Using Innovative Methodology for Risk Assessment

M. Stašević, M. Maksimović, I. Vasović, K. Maksimović, M. Stašević

Ventilacija i protivpožarna zaštita saobraćajnog putnog tunela

Ventilation and Fire Protection of Road Traffic Tunnel

A. Mitrović, N. Mitrović, I. Tanasić, M. Milošević, D. Antonović

Merenje polja deformacija u staklenom jonomernom cementu

Strain Field Measurements in Glass Ionomer Cement

M. Sethi, P. Thakur, H.P. Singh

Karakterizacija materijala rotirajućeg diska opterećenog temperaturnim gradijentom primenom teorije prelaznih napona Seta

Characterization of Material in a Rotating Disc Subjected to Thermal Gradient by using Seth Transition Theory

S. Sharma, K. Maheshwari

Elastoplastični prelazni naponi u tankom rotirajućem ortotropnom disku promenljive debljine i gustine od funkcionalnog kompozita

Elastic-Plastic Transition in Function-ally Graded Thin Rotating Orthotropic Disk with Variable Thick-ness and Density

V. Gupta

Analiza puzanja u kompozitnom disku u prisustvu temperaturskih gradijenata

Creep Analysis in Composite Disc in the Presence of Thermal Gradients

T.H. Nguyen, H.X. Le

Praktična metoda za proračun pouzdanosti konstrukcije sa mešavinom slučajnih i fazi promenljivih

A Practical Method for Calculating Structural Reliability with a Mixture of Random and Fuzzy Variables

R. Sharma

Elastoplastični naponi u tankom rotirajućem disku od funkcionalnog kompozita sa eksponencijalnom promenom debljine pod unutrašnjim pritiskom

Elastic-Plastic Stresses in a Thin Rotating Disk of Functionally Graded Material with Exponentially Varying Thickness under Internal Pressure

S. Zahaf, N. Zina, S. Bouaziz, B. Chetti, M. Kaid, A. Abouda, Z. Najafi Vafa

Optimizacija parametara zavarivanja trenjem sa mešanjem, maksimalne temperature, fon Mizes i zaostalih napona i ekvivalentne plastične deformacije kod legure aluminijuma 6061

Optimisation of FSW Welding Parameters on Maximal Temperature, Von Mises and Residual Stresses, and Equivalent Plastic Deformation Applied to a 6061 Aluminium Alloy

P.D. Mehta, L. Mishra, M. Sahni

Termomehanička analiza napona debeloizidnog cilindra sa unutrašnjim slojem od funkcionalnog kompozita

Thermomechanical Stress Analysis of Thick-Walled Cylinder with Inner FGM Layer

L. Boukhris, M. Bouchetara

Istraživanje raspodele sila kočenja u putničkom automobilu

Research on Brake Forces Distribution in a Passenger Car

G. Pathalinga Prasad, H.C. Chittappa, M. Nagaral, V. Auradi

Uticaj veličine čestice ojačanja na pritisnu čvrstoću i udarnu žilavost LM29-B₄C kompozitne legure

Effect of the Reinforcement Particle Size on the Compressive Strength and Impact Toughness of LM29 Alloy-B₄C Composites

T. Mijatović, A. Milovanović, A. Sedmak, Lj. Milović, K. Čolić

Procena integriteta Ti-6Al-4V ELI implanta za totalnu zamenu zgloba kuka postupkom reverznog inženjerstva

Integrity Assessment of Reverse Engineered Ti-6Al-4V ELI Total Hip Replacement Implant

M. Arsić, S. Bošnjak, S.A. Sedmak, B. Vistić, Z. Savić

Reparacija prslina otkrivenih na livenim komponentama vertikalne kaplan turbine rotora

Repair of Cracks Detected in Cast Components of Vertical Kaplan Turbine Rotor Hub

Đ. Đurđević, N. Andelić, V. Milošević-Mitić, T. Maneski, M. Rakin, A. Đurđević

Uticaj oblika ukleštenja tankozidnih konzola oblika U i Z profila na veličinu ekvivalent. napona i deformacije

Influence of Encastering on Thin-Walled Cantilever Beams with U and Z Profiles on the Magnitude of Equivalent Stress and Deformation

S. Marković

Integrity and Life in the Process of Design and Realization in Emerging Architecture - Digital Chain Case

M. Jovanović, I. Čamagić, S.A. Sedmak, P. Živković, A. Sedmak

Crack Initiation and Propagation Resistance of HSLA Steel Welded Joint Constituents

V.V. Firsanov, Q.H. Doan, T.C. Nguyen

Stress and Deformation State for the Edge of a Rectangular Plate Based on Nonclassical Theory

R. Sharma, Z. Radaković

Analytical Solution of Elastic-Plastic Stresses in Thin Rotating Disc made up of Piezoelectric Material

P. Thakur, N. Kumar, Sukhvinder

Elasto-Plastic Density Variation in a Deformable Disk

D.P. Ilyaschenko, D.A. Chinakhov, E.V. Verkhoturova, E.V. Lavrova

Stability of MMA Welding with Protective Coatings

M.C.S. Yasasvi, V. Poornima, V. Bhaskara Rao, V. Lute

Parameter Based Damage Localization in Steel Beams

J. Meško, R. Nikolić, B. Hadzima

Laser Cutting of the Zn Coated Steel

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Optimization of Process Parameters for Fracture Toughness of Al6061-Graphite Composites

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