

KeywordsAuthor nameComposite StructuresVolumeIssuePages

Composite Structures

SUPPORTS OPEN ACCESS

[Articles in press](#)[Latest issue](#)[Special issues](#)[All issues](#)[About the journal ↗](#)[Follow journal](#)

Volume 92, Issue 7

Pages 1545-1762 (June 2010)

[!\[\]\(1f56542a42e2413e44a2b2023033aa2e_img.jpg\) Previous vol/issue](#)[Next vol/issue !\[\]\(19d44b37fb4fa155bf9d60c77a3d3cb2_img.jpg\)](#)[!\[\]\(5a351309c3b87e4420622c1f0e57efc0_img.jpg\) Download PDFs](#)[!\[\]\(bff896c19919791b89ab521f039b410a_img.jpg\) Export](#)

[!\[\]\(23a2e9ddc7bb0ef55393d38b772a848d_img.jpg\) Editorial Board](#)[Page IFC](#)[!\[\]\(4186b6ce3a1c83eabb297c1bfd00309c_img.jpg\) Download PDF](#)[!\[\]\(206536f97fdb267876a3a10ea42b0254_img.jpg\) Drilling tool geometry evaluation for reinforced composite laminates](#)[Original research article](#)[Pages 1545-1550](#)

Luís Miguel P. Durão, Daniel J.S. Gonçalves, João Manuel R.S. Tavares, Victor Hugo C. de Albuquerque, ... A. Torres Marques

[Article preview ▾](#)[!\[\]\(b96b3a660a85c4a0498f921ce823c64a_img.jpg\) The transient responses of two-layered cylindrical shells attacked by underwater explosive shock waves](#)[Original research article](#)

Pages 1551-1560

Hu Gangyi, Xia Fei, Li Jun

[Article preview](#) ▾

Strength evaluations of sinusoidal core for FRP sandwich bridge deck panels

Original research article

Pages 1561-1573

An Chen, Julio F. Davalos

[Article preview](#) ▾

A non-local criterion for modelling unbalanced woven ply laminates with stress concentrations

Original research article

Pages 1574-1580

S. Miot, Ch. Hochard, N. Lahellec

[Article preview](#) ▾

Asymptotic homogenization algorithm for reinforced metal-matrix elasto-plastic composites

Original research article

Pages 1581-1590

J. Orlik

[Article preview](#) ▾

Finite element analysis of thermoelastic contact problem in functionally graded axisymmetric brake disks

Original research article

Pages 1591-1602

M.M. Shahzamanian, B.B. Sahari, M. Bayat, F. Mustapha, Z.N. Ismarrubie

[Article preview](#) ▾

Reliability analysis of laminated composite structures using finite elements and neural networks

Original research article

Pages 1603-1613

P.A.M. Lopes, H.M. Gomes, A.M. Awruch

[Article preview](#) ▾

Process-induced deformation of composite T-stiffener structures

Original research article

Pages 1614-1619

Chensong Dong

[Article preview](#) ▾

The effect of stitch incline angle on mode I fracture toughness – Experimental and modelling

Original research article

Pages 1620-1630

Kristopher P. Plain, Liyong Tong

[Article preview ▼](#)

Effects of low and high temperatures on tensile behavior of adhesively-bonded GFRP joints

Original research article

Pages 1631-1639

Ye Zhang, Anastasios P. Vassilopoulos, Thomas Keller

[Article preview ▼](#)

Constitutive modeling of reinforced concrete and prestressed concrete structures strengthened by fiber-reinforced plastics

Original research article

Pages 1640-1650

H.-T. Hu, F.-M. Lin, H.-T. Liu, Y.-F. Huang, T.-C. Pan

[Article preview ▼](#)

Integration of active vibration control methods with finite element models of smart laminated composite structures

Original research article

Pages 1651-1663

Levent Malgaca

[Article preview ▼](#)

Nonlinear response of pressure-loaded functionally graded cylindrical panels with temperature effects

Original research article

Pages 1664-1672

Nguyen Dinh Duc, Hoang Van Tung

[Article preview ▼](#)

Experimental and numerical investigation of the influence of imperfect bonding on the strength of NCF double-lap shear joints

Original research article

Pages 1673-1682

Ll. Llopard P., K.I. Tserpes, G.N. Labeas

[Article preview ▼](#)

Three-dimensional solution of axisymmetric bending of functionally graded circular plates

Original research article

Pages 1683-1693

Wang Yun, Xu Rongqiao, Ding Haojiang

[Article preview ▼](#)

- Characterisation and modelling of the cured shapes of arbitrary layup bistable composite laminates

Original research article

Pages 1694-1700

David N. Betts, Aki I.T. Salo, Christopher R. Bowen, Hyunsun A. Kim

[Article preview ▼](#)

- Comparative MD simulation study on the mechanical properties of a zigzag single-walled carbon nanotube in the presence of Stone-Thriller-Wales defects

Original research article

Pages 1701-1705

Keka Talukdar, A.K. Mitra

[Article preview ▼](#)

- Experimental and numerical analysis of a bus component in composite material

Original research article

Pages 1706-1715

C. Colombo, L. Vergani

[Article preview ▼](#)

- Dynamic pulse buckling of composite shells subjected to external blast

Original research article

Pages 1716-1727

Michelle S. Hoo Fatt, Sunil G. Pothula

[Article preview ▼](#)

- Design of plates with curved fibre format

Original research article

Pages 1728-1733

A. Muc, A. Ulatowska

[Article preview ▼](#)

- Vibration analysis of radially FGM sectorial plates of variable thickness on elastic foundations

Original research article

Pages 1734-1743

Sh. Hosseini-Hashemi, H. Rokni Damavandi Taher, H. Akhavan

[Article preview ▼](#)

Thermal buckling analysis of moderately thick functionally graded annular sector plates

Original research article

Pages 1744-1752

A.R. Saidi, A. Hasani Baferani

[Article preview](#) ▾*Short Communication* Plane analysis for functionally graded magneto-electro-elastic materials via the symplectic framework

Pages 1753-1761

Li Zhao, Wei-qiu Chen

[Article preview](#) ▾

ISSN: 0263-8223

Copyright © 2018 Elsevier Ltd. All rights reserved

[About ScienceDirect](#)[Remote access](#)[Shopping cart](#)[Contact and support](#)[Terms and conditions](#)[Privacy policy](#)Cookies are used by this site. For more information, visit the [cookies page](#).

Copyright © 2018 Elsevier B.V. or its licensors or contributors. ScienceDirect ® is a registered trademark of Elsevier B.V.