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Article Structure
Ethics bill

복합신소재구조학회 논문집

Journal of the Korean Society for Advanced Composite Structures

2023 6

제 14 권 제 3 호 2 0 2 3 . 6

$$V_f = \frac{\frac{w_f}{\rho_f}}{\left\{ \frac{w_f}{\rho_f} + \frac{w_m}{\rho_m} \right\}}$$

$$E_{11} = E_f V_f + E_m V_m$$

$$E_{22} = \frac{1}{\left\{ \frac{V_f}{E_f} + \frac{V_m}{E_m} \right\}}$$

$$V_m = 1 - V_f$$

$$G_{12} = \frac{1}{\left\{ \frac{V_f}{G_f} + \frac{V_m}{G_m} \right\}}$$

$$\sigma = \begin{pmatrix} \sigma_1 \\ \sigma_2 \\ \tau_{12} \end{pmatrix} = \begin{bmatrix} Q_{11} & Q_{12} & Q_{16} \\ Q_{21} & Q_{22} & Q_{26} \\ Q_{61} & Q_{62} & Q_{66} \end{bmatrix} \begin{pmatrix} \epsilon_1 \\ \epsilon_2 \\ \gamma_{12} \end{pmatrix}$$

$$\begin{pmatrix} N_x \\ N_y \\ N_{xy} \\ M_x \\ M_y \\ M_{xy} \end{pmatrix} = \begin{bmatrix} A_{11} & A_{12} & A_{16} & B_{11} & B_{12} & B_{16} \\ A_{21} & A_{22} & A_{26} & B_{21} & B_{22} & B_{26} \\ A_{61} & A_{62} & A_{66} & B_{61} & B_{62} & B_{66} \\ B_{11} & B_{12} & B_{16} & D_{11} & D_{12} & D_{16} \\ B_{21} & B_{22} & B_{26} & D_{12} & D_{22} & D_{26} \\ B_{61} & B_{62} & B_{66} & D_{16} & D_{26} & D_{66} \end{bmatrix} \begin{pmatrix} \epsilon_x \\ \epsilon_y \\ \gamma_{xy} \\ \kappa_x \\ \kappa_y \end{pmatrix}$$

$$A_{ij} = \sum_{n=1}^N \int_{z_n}^{z_{n+1}} \bar{Q}_{ij} dz$$

$$B_{ij} = \sum_{n=1}^N \int_{z_n}^{z_{n+1}} \bar{Q}_{ij} z dz$$

$$D_{ij} = \sum_{n=1}^N \int_{z_n}^{z_{n+1}} \bar{Q}_{ij} z^2 dz$$

Journal of the Korean Society for Advanced Composite Structures

pISSN: 2093-5145
eISSN: 2288-0232

Vol. 14, No. 3 June, 2023

Homepage: <http://www.kosacs.or.kr>
Full-text: <http://www.j-kosacs.or.kr>

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Aims and Scope

The Journal of the Korean Society for Advanced Composite Structures (J. Korean Soc. Adv. Comp. Struc.) is devoted to the advancement and dissemination of scientific knowledge regarding the physical, mechanical, analytical, and applied aspects for composite materials, structures, and related academic disciplines. It is an international English journal published by the Korean Society for Advanced Composite Structures (KOSACS), and covers all the scientific and technological aspects of chemistry, physics, mechanics, packing, safety, engineering, analysis, manufacturing, testing, construction, and application of composite materials and structures. The Journal is published in February, April, June, August, October and December each year.

ISO abbreviation of journal title

The official title of the journal is 'Journal of the Korean Society for Advanced Composite Structures' and the abbreviated title is 'J. Korean Soc. Adv. Comp. Struc.'

Year of launching (history)

The Journal of the Korean Society for Advanced Composite Structures was launched in 2010.

Availability of the full-text in the web

The URL address of the Journal is 'www.j-kosacs.or.kr' where full text is freely available.

Indexed in database

Some, or all, of the articles in this journal are indexed in DOI/crossref, Google scholar, the National Research Foundation of Korea (NRF) and Korea Citation Index (KCI).

Fund support

This work was supported by the Korean Federation of Science and Technology Societies(KOFST) grant funded by the Korean government.
