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Comparative Study of Image-Based Impact Damage Detection in Composite Materials

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The paper demonstrates the application of vibrotermography and 3-D Laser vibrometry for impact damage detection in a composite plate. Images revealing delamination are compared with classical ultrasonic C-scans and X-ray photographs. The results show that recently developed techniques not only offer simple data interpretation without baseline measurements but also produce similar damage detection results.

Ключевые слова:

Содержание.

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