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Comparison of Two Baseline-Free Damage Detection Techniques Based on Lamb Waves Propagation Phenomena

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In the article, two baseline-free damage detection and localisation methods are compared. Both are based on the signal processing acquired signals from a sensor grid located on the structure. The first algorithm uses a double element sensor grid for imaging the position of the damage. The second is based on a phased array technique, and also provides the possibility to present the analysis results in a graphical form.

Ключевые слова:

Содержание.

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