عنوان مقاله:

Analysis of debonding in composite laminates with lattice stiffenersunder bending loading using the cohesive zone model and experiment

محل انتشار:

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خلاصه مقاله:

In present study an experimental and numerical investigation has been carried out on lattice composite panels under bending loading. To provoke the damage growth, an initial debonding has been considered for all specimens. To simulate the interface debonding growth, an appropriate cohesive zone model is applied in the ABAQUS commercial software in the framework of continuum damage mechanics. The obtained results reveal an acceptable agreement between the numerical and experimental analysis.

کلمات کلیدی:

Lattice Composite, Debonding, Three Point Bending, Cohesive Zone, Experiment

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