

Experimental Study Damage in a Composite Structure by Vibration Analysis- Glass / Polyester

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Abstract : The basic components of a composite material made him very sensitive to damage, which requires techniques for detecting damage reliable and efficient. This work focuses on the detection of damage by vibration analysis, whose main objective is to exploit the dynamic response of a structure to detect understand the damage. The experimental results are compared with those predicted by numerical models to confirm the effectiveness of the approach.

Keywords : experimental, composite, vibration analysis, damage

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