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DAMAGE IDENTIFICATION OF MECHANICAL SYSTEMS USING GENETIC ALGORITHMS



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**Damage Identification of
Mechanical Systems using
Genetic Algorithms**
Vibration based Damage Identification and Condition
Monitoring



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Vibration based Damage Identification and Condition Monitoring | Damage prediction in mechanical and structural systems is establishing a prominent role in modern engineering. Unlike conventional NDT methods, vibration based damage methods give ample flexibility to understand the extent of expected damages in the system. Measurement of vibration characteristics like natural frequencies and mode shapes, Fourier responses and transient responses can help in comprehending the present status of a system either by comparing...

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