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Complexity: A New Axiom for Structural Health Monitoring?

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The basic purpose of the paper is simple; having proposed a set of axioms or 'basic truths' regarding Structural Health Monitoring (SHM) in a previous paper, the authors would like to extend the set by the proposal for a new axiom. This axiom relates to an observation that the presence of damage in a structure or system usually results in increased complexity of measured responses or features. It is argued that this observation could lead to principled means of selecting effective features for SHM.

Ключевые слова:

Содержание.

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