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M. De Stefano, M. Gherlone, M. Mattone, M. Di Sciuva, K. Wordens

# On Sensor Placement for Impact Location: Optimisation Under the Effect Of Uncertainties

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A key problem associated with structural health monitoring is the placement of sensors upon a structure in order to detect the existence and location of impact events. Because of weight and cost considerations, a minimum number of sensors must be placed in a configuration which fulfills the requirements of system identification and fault detection. The aim of this work is to investigate the effect of uncertainties on the optimum sensor placement for detecting impact locations on a composite plate.

**Ключевые слова:**

## Содержание.

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