

## Composite Rectangular Plates with Embedded Piezoelectric Sensors and Actuators

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### ABSTRACT

*The problem is referred to harmonic vibrations control of simple supported composite plate with embedded piezoelectric thin layers. It requires estimating dynamic response of the plate, finding optimum shape, number and placement of distributed embedded actuators and sensors and designing a control algorithm, to analyze first modes of vibration of plates.*

**Keywords:** composite plate, harmonic vibration, piezoelectric

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