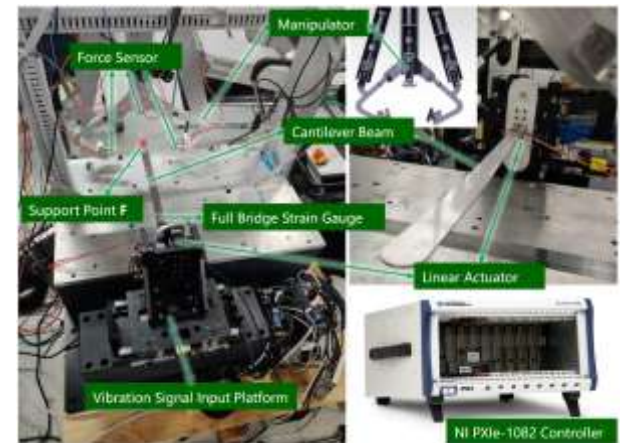


Active Vibration Control of the Cantilever Beam Using a Manipulator

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- Used for vibration suppression of cantilever beam under large deformation.
- Structural dynamics is used to predict deformation without terminal deformation or acceleration feedback and a manipulator is used for force output to control vibration.
- Active vibration control algorithm is designed based on zero strain expectation.



Vibration Control Equivalent
Experimental Platform