

A variational principle for a fractal nano/microelectromechanical system

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Abstract

Wang's fractal variational principle for a fractal nano/microelectromechanical oscillator is studied(K.L. Wang. Mathematical Methods in the Applied Sciences, 2020, DOI: 10.1002/mma.6726), and its Euler-Lagrange equation is obtained. A new variational principle is obtained by the semi-inverse method.

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