





**Professor Li-Qun Chen** 

From: You-Qi Tang and Li-Qun Chen, "Natural frequencies, modes and critical speeds of in-plane moving plates", Advances in Vibration Engineering, July 2012

See:

http://www.dvc.shu.edu.cn/Default.aspx?tabid=15116 https://scholar.google.com/citations?user=DPsJrA8AAAAJ&hl=zh-CN https://www.researchgate.net/profile/Li-Qun\_Chen

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## **Selected Publications:**

J.T. Liu, X.D. Yang and L.Q. Chen, "Bifurcations and chaos of an axially moving plate under external and parametric excitations", International Journal of Structural Stability and Dynamics, Vol. 12, No. 4, 1250023, 2012

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Wen-An Jiang and Li-Qun Chen, "Snap-through piezoelectric energy harvesting", Journal of Sound and Vibration, Vol. 333, No. 18, pp 4314-4325, September 2014

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Tianchen Yuan, Jian Yang and Li-Qun Chen, "Nonlinear characteristic of a circular composite plate energy harvester: experiments and simulations", Nonlinear Dynamics, Vol. 90, No. 4, pp 2495-2506, December 2017 Hu Ding, Min-Hui Zhu and Li-Qun Chen, "Nonlinear vibration isolation of a viscoelastic beam", Nonlinear Dynamics, Vol. 92, No. 2, pp 325-349, April 2018

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Tian-Chen Yuan, Jian Yang and Li-Qun Chen, "Nonlinear dynamics of a circular piezoelectric plate for vibratory energy harvesting", Commun Nonlinear Sci Numer Simulat, Vol. 59, pp 651-656, 2018 Deng-Bo Zhang, You-Qi Tang and Li-Qun Chen, "Internal resonance in parametric vibrations of axially accelerating viscoelastic plates", European Journal of Mechanics - A/Solids, Vol. 75, pp 142-155, May-June 2019

Yuanbin Wang, Hu Ding and Li-Qun Chen, "Vibration of axially moving hyperelastic beam with finite deformation", Applied Mathematical Modelling, Vol. 71, pp 269-285, July 2019

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