



Professor Tiangui Ye

The right-most image above is from: Yantao Zhang, Guoyong Jin, Mingfei Chen, Tiangui Ye and Zhigang Liu, “Isogeometric free vibration of sector cylindrical shells with carbon nanotubes reinforced and functionally graded materials”, *Results in Physics*, Vol. 16, Article ID 102889, 2020

See:

https://www.researchgate.net/profile/Tiangui_Ye

College of Power and Energy Engineering, Harbin Engineering University, China

Selected Publications:

Book:

Guoyong Jin, Tiangui Ye, Zhu Su, *Structural Vibration A Uniform Accurate Solution for Laminated Beams, Plates and Shells*, Springer, 2015, 312 pages

Journal Articles, etc:

Guoyang Jin, Tiangui Ye, Yuehua Chen, Zhu Su and Yuquan Yan, “An exact solution for the free vibration analysis of laminated composite cylindrical shells with general elastic boundary conditions”, *Composite Structures*, Vol. 106, pp 114-127, December 2013

Tiangui Ye, Guoyong Jin, Yuehua Chen, Xianglong Ma and Zhu Su, “Free vibration analysis of laminated composite shallow shells with general elastic boundaries”, *Composite Structures*, Vol. 106, pp 470-490, December 2013

Zhu Su, Guoyong Jin, Shuangxia Shi, Tiangui Ye and Xingzhao Jia, A unified solution for vibration analysis of functionally graded cylindrical, conical shells and annular plates with general boundary conditions. *International Journal of Mechanical Sciences*, 2014. 80: p. 62–80.

Zhu Su, Guoyong Jin and Tiangui Ye, “Free vibration analysis of moderately thick functionally graded open shells with general boundary conditions”, *Composite Structures*, Vol. 117, pp 169-186, November 2014

Guoyong Jin, Zhu Su, Tiangui Ye and Xingzhao Jia, “Three-dimensional vibration analysis of isotropic and orthotropic conical shells with elastic boundary restraints”, *International Journal of Mechanical Sciences*, Vol. 89, pp 207-221, December 2014

Zhu Su, Guoyong Jin, Shuangxia Shi and Tiangui Ye, “A unified accurate solution for vibration analysis of arbitrary functionally graded spherical shell segments with general end restraints”, *Composite Structures*, Vol. 111, pp 271-284, May 2014

Zhu Su, Guoyong Jin and Tiangui Ye, “Three-dimensional vibration analysis of thick functionally graded conical, cylindrical shell and annular plate structures with arbitrary elastic restraints”, *Composite Structures*, Vol. 118, pp 432-447, December 2014

Tiangui Ye, Guoyong Jin, Zhu Su and Xingzhao Jia, “A unified Chebyshev-Ritz formulation for vibration analysis of composite laminated deep open shells with arbitrary boundary conditions”, *Archive of Applied Mechanics*, Vol. 84, No. 4 pp 441-471, April 2014

Tiangui Ye, Guoyong Jin and Zhu Su, "Three-dimensional vibration analysis of laminated functionally graded spherical shells with general boundary conditions", *Composite Structures*, Vol. 116, pp 571-588, September-October 2014

Guoyong Jin, Tiangui Ye and Shuangxia Shi, "Three-dimensional vibration analysis of isotropic and orthotropic open shells and plates with arbitrary boundary conditions", *Shock and Vibration*, Vol. 2015, Article ID 896204, 2015

Zhu Su, Guoyong Jin and Tiangui Ye, "Vibration analysis and transient response of a functionally graded piezoelectric curved beam with general boundary conditions", *Smart Materials and Structures*, Vol. 25, No. 6, 065003, June 2016

Zhu Su, Guoyong Jin, Yunlong Wang and Xinmao Ye, "A general Fourier formulation for vibration analysis of functionally graded sandwich beams with arbitrary boundary condition and resting on elastic foundations", *Acta Mechanica*, Vol. 227, No. 5, pp 1493-1514, May 2016

Tiangui Ye, Guoyong Jin and Zhu Su, "Three-dimensional vibration analysis of sandwich and multilayered plates with general ply stacking sequences by a spectral-sampling surface method", *Composite Structures*, Vol. 176, pp 1124-1142, September 2017

Mingfei Chen, Hailong Chen, Zianglong Ma, Guoyong Jin, Tiangui Ye, Yantao Zhang and Zhigang Liu, "The isogeometric free vibration and transient response of functionally graded piezoelectric curved beam with elastic restraints", *Results in Physics*, Vol. 11, pp 712-725, 2018

Chunyu Zhang, Hu Ding, Hailong Chen, Guoyong Jin, Tiangui Ye and Yukun Chen, "Dynamic modeling and characteristic analysis of the periodically coupled plate structure based on the dynamic stiffness method", *Results in Physics*, Vol. 11, pp 1150-1160, 2018

Yantao Zhang, Guoyong Jin, Mingfei Chen, Tiangui Ye and Zhigang Liu, "Isogeometric free vibration of sector cylindrical shells with carbon nanotubes reinforced and functionally graded materials", *Results in Physics*, Vol. 16, Article ID 102889, 2020