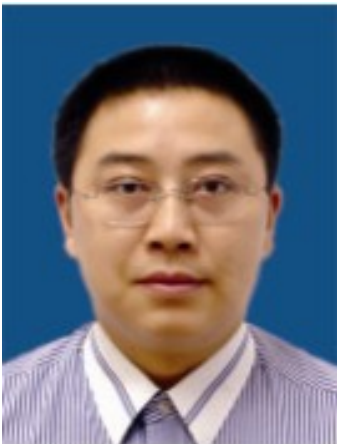
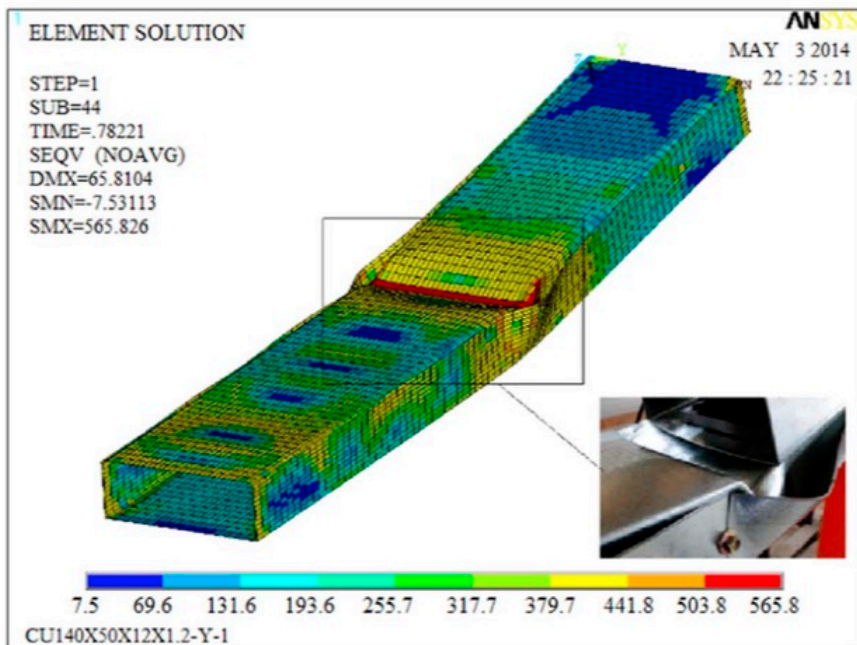


(a)



Professor Yuan-Qi Li

From: Ying-Lei Li, Yuan-Qi Li and Zu-Yan Shen, "Investigation on flexural strength of cold-formed thin-walled steel beams with built-up box section", *Thin-Walled Structures*, Vol. 107, pp 66-79, October 2016

See:

http://civileng.tongji.edu.cn/en/Show.aspx?info_lb=301&flag=228&info_id=475

https://www.researchgate.net/scientific-contributions/2046514584_Yuan-Qi_Li

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Selected Publications:

- Y.Q. Li. "Stability Research on Large-Span Arch-Supported Reticulated Shell Structures." Ph.D thesis, Tongji University. (in Chinese). 1998
- Y. Q. Li and S. L. Dong, "Random wind load simulation and computer program for large-span spatial structures," *Spatial Structures*, vol. 7, pp. 3–12, 2001 (Chinese).
- Y.Q. Li and Z.Q. Jing, Free flexural vibration analysis of symmetric rectangular honeycomb panels with SCSC edge supports, *Compos. Struct.*, vol. 83, pp. 154–158, 2008.
- Y.Q. Li and D.W. Zhu, Free flexural vibration analysis of symmetric rectangular honeycomb panels using the improved Reddy's third plate theory, *Compos. Struct.*, vol. 88, pp. 33–39, 2009
- Hou, B.; Zhao, H.; Li, Y. Impact enhancement of the out-of-plane behaviour of honeycombs. *Mater. Res. Innovations* 2011, 15, s209–s212.
- Y. Q. Li, L. Wang, Z. Y. Shen and Y. Tamura , Added mass estimation of flat membranes vibrating in still air, *J. Wind Eng. Indus. Aerodyn.* 99 (2011) 815–824
- Yi Zhou, Yuan-Qi Li and Zu-Yan Shen, "An improved stability matrix for co-rotational formulation", *Advances in Structural Engineering*, Vol. 15, No. 8, pp 1425-1438, August 2012
- Yuanqi Li, Zuyan Shen, Xingyou Yao, Rongkui Ma and Fei Liu, "Experimental investigation and design method research on low-rise cold-formed thin-walled steel framing buildings", *ASCE Journal of Structural Engineering*, Vol. 139, No. 5, May 2013
- Zu-Yan Shen, Min Lei, Yuan-Qi Li, Zhen-Yu Lin and Jin-Hui Luo, "Experimental study on seismic behavior of concrete-filled L-shaped steel tube columns", *Advances in Structural Engineering*, Vol. 16, No. 7, pp 1235-1247, 2013
- Y. Zhou, Y. Q. Li, Z. Y. Shen, L. Wang and Y. Tamura , Numerical analysis of added mass for open flat membrane vibrating in still air using the boundary element method, *J. Wind Eng. Indus. Aerodyn.* 131 (2014) 100–111.
- Yuanqi Li, Yinglei Li, Shukun Wang and Zuyan Shen, "Ultimate load-carrying capacity of cold-formed thin-walled columns with built-up box and I section under axial compression", *Thin-Walled Structures*, Vol. 79, pp 202-217, June 2014
- Shi, X.; Li, Y.; Lu, G.; Shen, C. A testing method for tearing energy of aluminum foams. *Mater. Sci. Eng. A* 2014, 614, 284–290.
- Yi Zhou, Yuan-Qi Li, Zu-Yen Shen and Ying-Ying Zhang, "Corotational formulation for geometric nonlinear analysis of shell structures by ANDES elements", *International Journal of Structural Stability and Dynamics*, Vol. 16, No. 3, 1450103, April 2016
- Ying-Lei Li, Yuan-Qi Li, Yan-Yong Song and Zu-Yan Shen, "In-plane behavior of cold-formed thin-walled beam-columns with lipped channel section", *Thin-Walled Structures*, Vol. 105, pp 1-15, August 2016

Ying-Lei Li, Yuan-Qi Li and Zu-Yan Shen, "Investigation on flexural strength of cold-formed thin-walled steel beams with built-up box section", *Thin-Walled Structures*, Vol. 107, pp 66-79, October 2016

Y.Q. Li, X.-L. Gao, S.E. Horner and J.Q. Zheng, "Analytical models for the impact of a solid sphere on a fluid-filled spherical shell incorporating the stress wave propagation effect and their applications to blunt head impacts", *International Journal of Mechanical Sciences*, Vol. 130, pp 586-595, September 2017

Wenyang Zhang, Mahsa Mahdavian, Yuanqi Li and Cheng Yu, "Seismic performance evaluation of cold-formed steel shear walls using corrugated steel sheathing", *ASCE Journal of Structural Engineering*, Vol. 143, No. 11 November 2017

Y. Zhou, Y. Q. Li, Z. X. Yu and A. Yoshida, "Study on added mass of a circular curved membrane vibrating in still air", *Thin-Walled Struct.* 127 (2018) 200–209.

Gong-Wen Li and Yuan-Qi Li, "Overall stability behavior of axially compressed cold-formed thick-walled steel tubes", *Thin-Walled Structures*, Vol. 125, pp 234-244, April 2018

Yi Zhou, Yuanqi Li and Akihito Yoshida, "Effect of added mass on wind-induced vibration of a circular flat membrane by wind tunnel tests", *International Journal of Structural Stability and Dynamics*, Vol. 18, No. 12, 1850156, December 2018

Gong-Wen Li, Yuan-Qi Li, Jie Xu and Xu Cao, "Experimental investigation on the longitudinal residual stress of cold-formed thick-walled SHS and RHS steel tubes", *Thin-Walled Structures*, Vol. 138, pp 473-484, May 2019

Gong-Wen Li and Yuan-Qi Li, "Overall stability behavior of annealed cold-formed thick-walled SHS and RHS steel tubes", *Journal of Constructional Steel Research*, Vol. 157, pp 260-270, June 2019