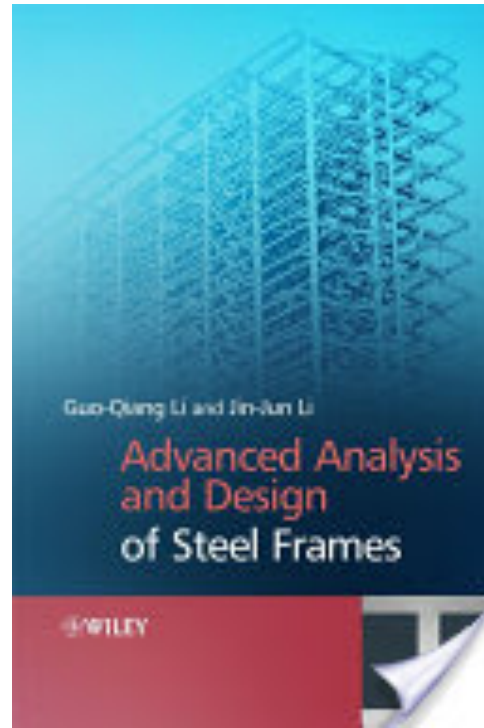




Professor Guo-Qiang Li



Guo-Qiang Li and Jin-Jin Li, *Advanced Analysis and Design of Steel Frames*, John Wiley & Sons, June 2007, 392 pages.

See:

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

http://civileng.tongji.edu.cn/en/Show.aspx?info_lb=301&flag=228&info_id=473

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Biography:

Dr. Guoqiang Li is currently a professor of structural engineering at the College of Civil Engineering at Tongji University and the Director of the Research Institute of Steel Construction within the Ministry of Education in China. His main specialties are on the behavior of multi-story steel buildings and the fire-resistance of steel structures. He is an author of 12 technical books and 400 journal papers in English and Chinese on his research topics. He has developed physical models and a practical approach for analysis of the behavior and failure of steel structures for multi-story buildings subjected to wind, earthquakes, fire and explosion, which has been adopted into Chinese codes for the safety of steel structures. Dr. Li has a B.Eng in Civil Engineering, an M.S. and PhD in Structural Engineering and has been a Visiting Professor for many Institutions dating from 1993. This includes The University of Nottingham, Hong Kong Technology University, The University of Hong Kong, University of Trento in Italy, and Nanyang Technology University in Singapore. As a result, he was the Vice-President of Tongji University from 1999 through 2009 and still teaches there today. He has also been heavily involved in many other committees and organizations including holding the Chairmanship for the Chinese Association for Fire-Resistance of Steel Structures. In addition, Dr. Guoqiang Li has held a chair for the Committee on Structures in Fire through the Chinese Architectural Society and Vice-Chairmanships for the Chinese Steel Construction Association, Chinese Association for Engineering Standardization, and several other Shanghai Societies.

Selected Publications:

Book:

Guo-Qiang Li and Jin-Jin Li, *Advanced Analysis and Design of Steel Frames*, John Wiley & Sons, June 2007, 392 pages.

Journal Articles:

Li, G. Q., Shen, Z. Y., and Huang, J. Y. (1999). "Spatial hysteretic model and elasto-plastic stiffness of steel columns." *Journal of Constructional Steel Research*, 50, pp. 283–303.

Z.Y. Shen, G.Q. Li and S.L. Chan (editors), *Proceedings of the Fourth International Conference on Advances in Steel Structures (ICASS '05)*, 13–15 June 2005, Shanghai, China, 2005, Elsevier

Y.B. Wang, G.Q. Li, S.W. Chen, F.F. Sun, Experimental and numerical study on the behavior of axially compressed high strength steel box-columns, *Eng. Struct.*, 58 (2014), pp. 79–91

Q. Liu, G.Q. Li, Y. Lu, Experimental and theoretical study on the steel bound-columns with buckling restrained steel plate shear wall, *EUROSTEEL, 7th European Conference on Steel and Composite Structures, ECCS European Convention for Constructional Steelwork, Italy* (2014)

Binhui Jiang, Guo-Qiang Li and Asif Usmani, "Progressive collapse mechanisms investigation of planar steel moment frames under localized fire", *Journal of Constructional Steel Research*, Vol. 115, pp 160-168, December 2015

Chao Zhang, Zhe Zhang and Guo-Qiang Li, "Simple vs. sophisticated fire models to predict performance of SHS column in localized fire", *Journal of Constructional Steel Research*, Vol. 120, pp 62-69, April 2016

Suwen Chen, Xing Chen, Yan-Bo Wang, Zhili Lu and Guo-Qiang Li, "Experimental and numerical investigations of Q690D H-section columns under lateral cyclic loading", *Journal of Constructional Steel Research*, Vol. 121, pp 268-281, June 2016

Binhui Jiang, Guo-Qiang Li and B.A. Izzuddin, "Dynamic performance of axially and rotationally restrained steel columns under fire", *Journal of Constructional Steel Research*, Vol. 122, pp 308-315, July 2016

Tian-Ji Li, Si-Wei Liu, Guo-Qiang Li, Siu-Lai Chan and Yan-Bo Wang, "Behavior of Q690 high-strength steel columns: Part 2: Parametric study and design recommendations", *Journal of Constructional Steel Research*, Vol. 122, pp 379-394, July 2016