



Professor Jaehong Lee

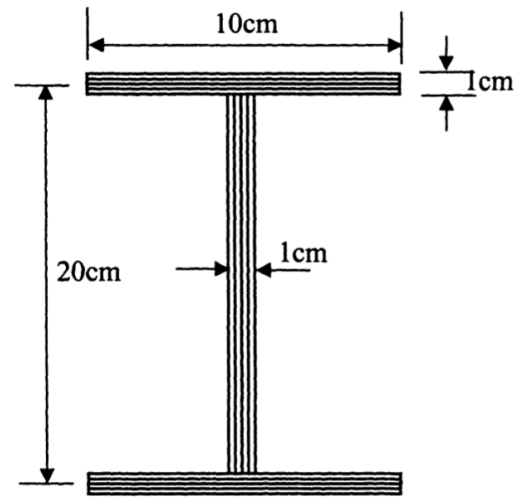


Fig. 3. Example of thin-walled I-section composite under axial load.

From: Jaehong Lee and Seung-Eock Kim, "Flexural-torsional buckling of thin-walled I-section composites", *Computers and Structures*, Vol. 79, pp 987-995, 2001

See:

https://www.researchgate.net/profile/Jaehong_Lee2

<https://scholar.google.com/citations?user=wLsefiMAAAAJ&hl=en>

<http://prabook.com/web/person-view.html?profileId=546632>

Department of Architectural Engineering
Sejong University, Seoul, Korea

Education:

Bachelor of Science, Yonsei University, Seoul, 1986.

Master of Science, Yonsei University, Seoul, 1988.

Doctor of Philosophy, Virginia Polytechnic Institute, 1992

Career:

Senior research engineer Hyundai Institute Construction Technology, Seoul, 1994—1998. Associate professor Sejong University, since 1998.

Selected Publications:

Jaehong Lee, Zafer Gurdal and Hayden Griffin Jr., Layer-wise approach for the bifurcation problem in laminated composites with delaminations, *Am Inst Aeronaut Astron J* 31 (1993), pp. 331–338.

Jaehong Lee, Zafer Gurdal and O.H. Griffin, "Buckling and postbuckling of circular plates containing concentric penny-shaped delaminations", *Computers & Structures*, 09/1995, Vol. 56, No. 5, pp 1045-1054, 1995

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Jaehong Lee. "Lateral buckling analysis of thin-walled laminated composite beams with monosymmetric sections" *Engineering Structures* 01/2006.

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Thuc P. Vo, Huu-Tai Thai, Trung-Kien Nguyen, Alireza Maheri and Jaehong Lee, "Finite element model for vibration and buckling of functionally graded sandwich beams based on a refined shear deformation theory", *Engineering Structures*, Vol. 64, pp 12-22, April 2014

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Ngoc-Tuan Nguyen, David Hui, Jaehong Lee and H. Nguyen-Xuan, "An efficient computational approach for size-dependent analysis of functionally graded nanoplates", *Computer Methods in Applied Mechanics and Engineering*, Vol. 297, pp 191-218, December 2015

Tan-Tien Nguyen, Nam-Il Kim and Jaehong Lee, "Analysis of thin-walled open-section beams with functionally graded materials", *Composite Structures*, Vol. 138, pp 75-83, March 2016

Hoang X. Nguyen, Jaehong Lee, Thuc P. Vo and Domagoj Lanc, "Vibration and lateral buckling optimization of thin-walled laminated composite channel-section beams", *Composite Structures*, Vol. 143, pp 84-92, May 2016

Tan-Tien Nguyen, Nam-Il Kim and Jaehong Lee, "Free vibration of thin-walled functionally graded open-section beams", *Composites Part B: Engineering*, Vol. 95, pp 105-116, June 2016

Pham Toan Thang, Tan-Tien Nguyen and Jaehong Lee, "Nonlinear static analysis of thin curved panels with FG coatings under combined axial compression and external pressure", *Thin-Walled Structures*, Vol. 107, pp 405-414, October 2016

Hoang-Hiep Phan-Dao, Chien H. Thai, Jaehong Lee and Hung Nguyen-Xuan, "Analysis of laminated composite and sandwich plate structures using generalized layerwise HSDT and improved meshfree radial point interpolation method", *Aerospace Science and Technology*, Vol. 58, pp 641-660, November 2016

Tan-Tien Nguyen, Pham Toan Thang and Jaehong Lee, "Flexural-torsional stability of thin-walled functionally graded open-section beams", *Thin-Walled Structures*, Vol. 110, pp 88-96, January 2017

Tan-Tien Nguyen, Pham Toan Thang and Jaehong Lee, "Lateral buckling analysis of thin-walled functionally graded open-section beams", *Composite Structures*, Vol. 160, pp 952-963, January 2017

Nam-Li Kim and Jaehong Lee, "Coupled vibration characteristics of shear flexible thin-walled functionally graded sandwich I-beams", *Composites Part B: Engineering*, Vol. 110, pp 229-247, February 2017

Hoang X. Nguyen, Ta Duy Hien, Jaehong Lee and H. Nguyen-Xuan, "Stochastic buckling behaviour of laminated composite structures with uncertain material properties", *Aerospace Science and Technology*, Vol. 66, pp 274-283, July 2017

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