Professor Yi Liu

Local buckling of stiffener in post-ultimate load state

See:
https://www.dal.ca/faculty/engineering/civil-resource/faculty-staff/our-faculty/professors/yi-liu.html
https://www.researchgate.net/profile/Yi_Liu181

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Teaching and Research Interests:
Dr. Liu's teaching interests include courses related to structural analysis and design. Areas of research include numerical modeling and experimental investigation of the behavior and strength of structural elements and systems. Dr. Liu's main research interests involve steel, masonry and composite structures.

Selected Publications:
Liam Gannon and Yi Liu, “Effect of three-dimensional welding-induced residual stress and distortion fields on strength and behavior of flat-bar stiffened panels”, Ships and Offshore Structures, July 2012
Chris Mantha, Xi Chen and Yi Liu, “Lateral torsional buckling of steel twin plate girder systems with torsional braces only, Canadian Journal of Civil Engineering, December 2015
Vahid Farajkhah, Yi Liu and Liam Gannon, “Finite element study of 3D simulated welding effect in aluminum
plates, Ships and Offshore Structures, January 2016