2018


2017


2016


Wang, T., Hou, C., Li, W., Han, L., Rasmussen, K. (2016). Analytical Behaviour of Concrete-Filled Steel Tubular K-Joint Using Stainless Steel. 8th International Conference on Steel And Aluminium Structures, Hong Kong: University of Hong Kong.

Rendall, M., Rasmussen, K. (2016). Application of the wavelet transform to the modelling of localised geometric imperfections. 7th International Conference on Coupled Instabilities in Metal Structures (CIMS 2016), Baltimore: Johns Hopkins University.


Fratamico, D., Torabian, S., Rasmussen, K., Schafer, B. (2016). Experimental Investigation of the Effect of Screw Fastener Spacing on the Local and Distortional Buckling Behavior of Built-Up Cold-Firned Steel Columns. Wei-Wen Yu International Specialty Conference on Cold-Formed Steel Structures (CCFSS 2016), Rolla, Missouri: Missouri University of Science and Technology.

Blum, H., Rasmussen, K. (2016). Experiments on column base stiffness of long-span cold-formed steel portal frames composed of double channels. *Wei-Wen Yu International Specialty Conference on Cold-Formed Steel Structures (CCFSS 2016)*, Rolla, Missouri: Missouri University of Science and Technology.

Blum, H., Rasmussen, K. (2016). Experiments on long-span cold-formed steel portal frames composed of double channels. *7th International Conference on Coupled Instabilities in Metal Structures (CIMS 2016)*, Baltimore: Johns Hopkins University.

Rendall, M., Hancock, G., Rasmussen, K. (2016). Extension of the generalised constrained finite strip method to members under general loading including shear. *7th International Conference on Coupled Instabilities in Metal Structures (CIMS 2016)*, Baltimore: Johns Hopkins University.


Huynh, L., Pham, C., Rasmussen, K. (2016). Mechanical Properties of Cold-Rolled Aluminium Alloy 5052 Channel Sections. *8th International Conference on Steel And Aluminium Structures*, Hong Kong: University of Hong Kong.

Rendall, M., Hancock, G., Rasmussen, K. (2016). Modal Analysis of Lipped Channel Sections with Rectangular Web-Stiffeners in Shear. *8th International Conference on Steel And Aluminium Structures*, Hong Kong: University of Hong Kong.

Rendall, M., Hancock, G., Rasmussen, K. (2016). Modal participation for elastic buckling of polygonal tubes in torsion using the generalised CFSM. *7th International Conference on Coupled Instabilities in Metal Structures (CIMS 2016)*, Baltimore: Johns Hopkins University.


Huynh, L., Pham, C., Rasmussen, K. (2016). Stub Column Tests and Finite Element Modelling of Cold-Rolled Aluminium Alloy 5052 Channel Sections. *8th International Conference on Steel And Aluminium Structures*, Hong Kong: University of Hong Kong.


Rasmussen, K., Zhang, H., Henriques De Sena Cardoso, F., Liu, W. (2016). The Direct Design Method for Cold-Formed Steel Structural Frames. *8th International Conference on Steel And Aluminium Structures*, Hong Kong: University of Hong Kong.


2014


Shayan, S., Rasmussen, K., Zhang, H. (2014). Direct design of 2D steel frames by GMNIA analysis. The 7th International European Conference on Steel and Composite Structures (Eurosteel), Berlin: Ernst & Sohn Verlag fÃ¼r Architektur und technische Wissenschaften GmbH.


Shayan, S., Rasmussen, K. (2014). European Conference on Steel and Composite Structures. The 7th International European Conference on Steel and Composite Structures (Eurosteel), Berlin: Ernst & Sohn Verlag fÃ¼r Architektur und technische Wissenschaften GmbH.


Zhu, C., Rasmussen, K., Zhang, H. (2014). Generalised component method for predicting the full-range moment-rotation behaviour of steel connection. The 7th International European Conference on Steel and Composite Structures (Eurosteel), Berlin: Ernst & Sohn Verlag fÃ¼r Architektur und technische Wissenschaften GmbH.


2013


2012


Zhang, X., Rasmussen, K., Zhang, H. (2012). Beam-Element-Based Analyses of Locally and Distortional Buckled Columns. 7th International Conference on Advances in Steel Structures (ICASS 2012), Nanjing: Southeast University Press.


Zhang, H., Gilbert, B., Rasmussen, K. (2012). Development of Limit State Criteria for Drive-In Steel Racks Under Forklift Truck Impact. 7th International Conference on Advances in Steel Structures (ICASS 2012), Nanjing: Southeast University Press.


Shayan, S., Rasmussen, K., Zhang, H. (2012). On the Modelling if Geometric Imperfections of Steel Structural Members and Frames. 7th International Conference on Advances in Steel Structures (ICASS 2012), Nanjing: Southeast University Press.


Niu, S., Rasmussen, K., Fan, F. (2012). Section Capacity of Thin-Walled Stainless Steel I-beams. Sixth International Conference on Coupled Instabilities in Metal Structures CIMS2012, Scotland: Loughborough University.

Zhang, H., Rasmussen, K. (2012). System-Based Design of Steel Scaffolding Structures Using Advanced Analysis. 7th International Conference on Advances in Steel Structures (ICASS 2012), Nanjing: Southeast University Press.


Yao, Z., Rasmussen, K. (2012). The Inelastic Behavior of Perforated Sections under Axial Compression. 7th International Conference on Advances in Steel Structures (ICASS 2012), Nanjing: Southeast University Press.


2011


**2010**


**2009**


Gilbert, B., Rasmussen, K. (2009). Determination of accidental forklift truck impact forces on drive-in steel rack structures. *Sixth International Conference on Advances in Steel Structures*, Hong Kong: Hong Kong Institute of Steel Construction.


Chandraghsu, T., Rasmussen, K. (2009). Full-Scale Tests and Advanced Structural Analysis of Formwork Subassemblies. *Sixth International Conference on Advances in Steel Structures*, Hong Kong: Hong Kong Institute of Steel Construction.


Gilbert, B., Rasmussen, K. (2009). Impact tests and parametric studies on drive-in steel storage racks. *Sixth International Conference on Advances in Steel Structures*, Hong Kong: Hong Kong Institute of Steel Construction.


Zhang, H., Chandraghsu, T., Rasmussen, K. (2009). System Reliability of Steel Scaffold Systems. *Sixth International Conference on Advances in Steel Structures*, Hong Kong: Hong Kong Institute of Steel Construction.


the Interaction of Local and Overall Buckling of Stainless Steel I-columns. *Fifth International Conference on Coupled Instabilities in Metal Structures CIMS2008* (volume 1), Sydney, Australia: The University Publishing Service, University of Sydney.


Gilbert, B., Rasmussen, K. (2008). Stiffness Tests and Load Transfer in Drive-In Steel Storage Racks. *Fifth International Conference on Thin-Walled Structures*, Brisbane, Australia: Queensland University of Technology.


2007


2006


Rasmussen, K. (2006). Design of Cold-formed Steel Angle Section Columns with Locally Unstable Legs. *India-Australia Workshop on Cold-formed Steel Structures*.


Lecce, M., Rasmussen, K. (2006). Distortional Buckling of Stainless Steel Sections in Compression. *International Colloquium on Stability and Ductility of Steel Structures (SDSS 2006)*, Portugal: IST Press.


2003


2002

Yang, D., Hancock, G., Rasmussen, K. (2002). Compression Tests of Cold-Reduced High Strength Steel Long Columns. Sixteenth International Specialty Conference on Cold-Formed Steel Structures, Rolla, Missouri: Department of Civil Engineering, University of Missouri-Rolla.

Bambach, M., Rasmussen, K. (2002). Design Provisions for Sections containing Unstiffened Elements under Stress Gradients. Sixteenth International Specialty Conference on Cold-Formed Steel Structures, Rolla, Missouri: Department of Civil Engineering, University of Missouri-Rolla.


Bambach, M., Rasmussen, K. (2002). Effects Widths of Unstiffened Elements under Combined Compression and Bending. Sixteenth International Specialty Conference on Cold-Formed Steel Structures, Rolla, Missouri: Department of Civil Engineering, University of Missouri-Rolla.


2001


