2018


2017


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.


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-Finned Steel Columns. Wei-Wen Yu International Specialty Conference on Cold-Formed Steel Structures (CCFSS 2016), Rolla, Missouri: Missouri University of Science and Technology.


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 fÄ¼r 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 fÄ¼r 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 fÄ¼r Architektur und technische Wissenschaften GmbH.


Liu, W., Rasmussen, K., Zhang, H. (2014). On the modelling of geometric imperfection in 3D steel unbraced frames. The 7th International European Conference on Steel and Composite Structures (Eurosteel), Berlin: Ernst & Sohn Verlag für Architektur und technische Wissenschaften GmbH.


2013


Shayan, S., Rasmussen, K., Zhang, H. (2012). On the Modelling of 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.


**2009**


European Mechanics Society.


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.


Chandrangsu, 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., Chandrangsu, 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.


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.


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.

METHODS FOR ANGLE SECTION COLUMNS WITH LOCALLY UNSTABLE

Rasmussen, K. (2004). Buckling Phenomena and Design Methods for Angle Section Columns with Locally Unstable

Stainless Steel Design to AS/NZS4673. India-Australia Workshop on Cold-formed Steel Structures.

Rasmussen, K. (2004). High Strength Steel Structures in Cold-Formed Steel Structures. 2nd International Symposium on Cold-Formed Metal Structures.


Lecce, M., Rasmussen, K. (2004). Experimental Investigation of Distortional Buckling of Cold-Formed Stainless Steel Sections. 17th International Speciality Conference on Cold-Formed Steel Structures, Orlando, FL, United States: University of Missouri-Rolla, Rolla, MO, 65409-1060, United States.


Lecce, M., Rasmussen, K. (2004). Design of Stainless Steel Sections Against Distortional Buckling. 17th International Specialty Conference on Cold-Formed Steel Structures, Orlando, FL, United States: University of Missouri-Rolla, Rolla, MO, 65409-1060, United States.


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). 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


