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*Breaking Down Steel-to-*

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and Software, *Ciro Faella,*  
*Vincenzo Piluso,*

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Gianvittorio Rizzano, Taylor  
& Francis, 1999, 0849374332,  
9780849374333, 536 pages.

Although the semirigidity  
concept was introduced many  
years ago, steel structures  
are usually designed by  
assuming that beam-to-column

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Theory are either pinned or rigid.

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Selected Sermons , George  
Whitefield, 1904, Sermons,  
English, 173 pages Written

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buildings with worked  
examples Brussels, 16 - 17  
October 2014 EN 1993 Part  
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nonlinear static and dynamic  
analyses.

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Definition of semi-rigid

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steel structural  
connections, classification  
and influence to the  
structural response of sway  
and non-sway steel frames.

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Analysis and comparison of

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1. Structural steel

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The concept of cold-formed  
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widespread after  
understanding its structural  
characteristics with massive  
research works over the  
years. Connection serves as  
one of the important  
elements for light steel  
framing in order to achieve

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its structural stability.  
Compared to hot-rolled steel  
sections, cold-formed steel  
connections perform  
dissimilarity due to ...

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Review on Cold-Formed Steel

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1.2 Structural materials—types and uses 1

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4 1.5 Structural engineering

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Design Studies, Second  
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Frame analysis considering  
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deformation, Structural  
design of tall steel

buildings. In Proceedings of  
International Conference on

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Planning and Design of Tall  
Buildings , Lehigh  
University, Bethlehem,  
August 21-26, Vol. II.,  
365-370.

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Steel Frames | SpringerLink  
MOMENT-ROTATION RELATIONS OF  
SEMIRIGID CONNECTIONS WITH  
ANGLES. A semi-analytical  
procedure is developed to  
predict the moment-rotation  
characteristics of the  
connections by determining

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the initial connection stiffness, and by determining analytically the ultimate moment capacity of the connections, and also by determining the optimum shape parameter with probability theory.

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