

Îndeplinirea condițiilor de abilitare
VERIFICAREA INDEPLINIRII STANDARDELOR MINIMALE

Verificarea indicatorilor I1>3 si P>1.5

Științe Ingineresti
Inginerie Civila

Numarul publicatiei	Referinta bibliografica	si	ni	pi	si/ni	si/pi
1	Zaharia R., D. Pinteau (2009). "Fire after earthquake analysis of steel moment resisting frames". International Journal of Steel Structures (INT J STEEL STRUCT). 9(4). ISSN 1598-2351	0.537	2	1	0.26850	0.537
2	Zaharia R., Dubina D. (2006). "Stiffness of joints in bolted connected cold-formed steel trusses". Journal of Constructional Steel Research (J CONSTR STEEL RES). 62(3). ISSN 0143-974X.	1.745	2	1	0.87250	1.74500
3	Zaharia R., Gernay Th. (2012). "Validation of the advanced calculation model SAFIR through DIN EN 1991-1-2 procedure". International Conference on Advances on Steel Concrete Composite and Hybrid Structures - ASCCS 2012, July 2-4, Singapore, Edited by J. Y. Richard Liew and Siew Chin Lee, ISBN-13: 978-981-07-2615-7, ISBN-10: 981-07-2615-5, Australian Research Council, Rank A	0.5	2	1	0.25000	0.50000
4	Zaharia R., Vassart O. (2012). "Fire analysis of slim floor systems using Cofradal floor units". International Conference on Advances on Steel Concrete Composite and Hybrid Structures - ASCCS 2012, July 2-4, Singapore, Edited by J. Y. Richard Liew and Siew Chin Lee, ISBN-13: 978-981-07-2615-7, ISBN-10: 981-07-2615-5, Australian Research Council, Rank A.	0.5	2	1	0.25000	0.50000
5	Zaharia R., C. Vulcu, O. Vassart, T. Gernay, Franssen J.M. (2013). "Numeric analysis of partially fire protected composite slabs". Steel and Composite Structures (STEEL COMPOS STRUCT). 14(1). ISSN 1229-9367	0.93	5	1	0.18600	0.93000
6	Dubina D., Goina D., Georgescu M., Ungureanu V., Zaharia R. (1998). "Recent research on stability analysis of thin-walled cold-formed steel members". Journal Of Constructional Steel Research(J CONSTR STEEL RES). 46(1-3). ISSN 0143-974X	1.745	5		0.34900	
7	Dubina D., Zaharia R. (1997). "Cold-formed steel trusses with semi-rigid joints". Thin Walled Structures (THIN WALL STRUCT). 29(1-4) ISSN 0263-8231.	1.724	2		0.86200	
8	Zaharia R., Franssen J.M. (2012). "Simple equations for the calculation of the temperature within the cross-section of slim floor beams under ISO fire". Steel and Composite Structures (STEEL COMPOS STRUCT). 13(2). ISSN 1229-9367.	0.93	2	1	0.46500	0.93000
9	Dubina D., Zaharia R., Georgescu M., Dinu F., Olar Gh., Nagy Z. (1998). "Some particular problems regarding the use of light steel single-storey industrial structures in Romania". Journal Of Constructional Steel Research (J CONSTR STEEL RES). 46(1-3). ISSN 0143-974X.	1.745	6		0.29083	
10	Dubina D., Zaharia R. (1996), "The influence of node semi-rigidity oof the thin-walled steel trusses bolted joints". International Conference on Advances in Steel Structures - ICASS 96, December 11-14, Hong Kong, ISBN 0-08-042830-4, Australian Research Council, Rank A	0.5	2		0.25000	
TOTAL					I1	P
					4.044	5.142

Conf. dr. ing. Raul Dan ZAHARIA

Numarul publicatiei care citeaza	Referinta bibliografica a publicatiei <i>k</i> care citeaza	sk	Σsk	ni	$(\Sigma sk)/ni$
	Title: Evaluation on static and dynamic structural coefficient of steel frames with semi-rigid joints via numerical simulations Author(s): Dubina D; Grecea D; Zaharia R Editor(s): Bjorhovde R; Colson A; Zandonini R Source: 3rd International Workshop on Connections in Steel Structures - Behaviour, Strength and Design, Trent, Italy Published: 1996		4.684	3	1.561
1	Title: Experimental and analytical studies on the rotational stiffness of joints for single-layer structures. Author(s): Aitziber Lopez, Iñigo Puente, Hodei Aizpurua Source: Engineering Structures 33(3), Published: 2011	2.342			
2	Title: Development of practical design methods for steel structures with semi-rigid connections. Author(s): Cabrero J. M., Bayo E. Source: Engineering Structures 27(8) Published: 2005	2.342			
	Title: Opportunity and effectiveness of using High strength steel in seismic resistant building frames Author(s): Dubina D. ; Dinu F. ; Zaharia R. ; Ungureanu V., Grecea D. Source: International Conference on Metal Structures Location: Poiana Brasov, Romania, Proceedings and Monographs in Engineering, Water and Earth Sciences Published: 2006		0.492	5	0.098
1	Title: Current steel structures research. Author(s): Bjorhovde Reidar. Source: ENGINEERING JOURNAL-AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC 44(3) Published: 2007	0.492			
	Title: Assessment of the seismic behavior of RC flat slab building structures Author(s): Coelho E., Candeias P., Anamateros G., Zaharia R., Taucer F., Pinto A. V. Source: Proceedings of 13th World Conference on Earthquake Engineering, Vancouver, Canada Published 2004		2.342	6	0.390
1	Title: Influence of hysteretic dampers on the seismic response of reinforced concrete wide beam-column connections. Author(s): Benavent-Climent A. Source: Engineering Structures 28 Published 2006	2.342			
	Title: Design of steel structures subjected to fire: background and design guide to Eurocode 3 Author(s): Franssen J. M., Zaharia R. Source: Book - Editions de l'Universite de liege, Belgium, ISBN 2-87456-027-8, Published 2005		3.469	2	1.735
1	Title: Calculating the buckling strength of steel plates exposed to fire. Author(s): Quiel S., Garlock MEM. Source: Thin Walled Structures 48(9), Published 2010	1.724			
2	Title: On the dynamics of fire-exposed steel beam under mechanical load. Author(s): Ndoukou A. N., Nubissie A., Wofo P. Source: Journal of Constructional Steel research 67(12) Published 2011	1.74500			

Title: Behaviour of cold-formed steel truss bolted joints Author(s): Zaharia R., Dubina D. Source: Fourth International Workshop on Connections in Steel Structures Location: Roanoke, USA Published: 2000		3.469	2	1.735
1	Title: Experimental testing of joints for seismic design of lightweight structures. Part 2: Bolted joints in straps. Author(s): Cassafont M., Arnedo A., Roure F., Rodriguez-Ferran A. Source: THIN-WALLED STRUCTURES 44(6) Published 2006	1.724		
2	Title: Increasing load capacity of steel space trusses with end-flattened connections. Author(s): Bezerra L. M., Silva de Freitas C. A., Matias W. T., Nagato Y. Source: Journal of Constructional Steel research 65(12) Published: 2009	1.745		
Title: Cold-formed steel trusses with semi-rigid joints Author(s): Dubina D., Zaharia R. Source: Thin-Walled Structures 29(1-4) Published: 1997		6.959	2	3.480
1	Title: Bolted moment connections in drive-in and drive-through steel storage racks. Author(s): Gilbert Benoit P., Rasmussen Kim J. R.. Source: Journal of Constructional Steel Research 66(6) Published: 2010	1.745		
2	Title: Determination of flexibility of beam-to-column connectors used in thin walled cold-formed steel pallet racking systems. Author(s): Bajoria K. M., Talikoti R. S. Source: Thin-Walled Structures 44(3) Published: 2006	1.72400		
3	Title: Cold formed steel members and structures: General Report. Author(s): J. Rondal Source: Journal of Constructional Steel Research Volume 55, Issues 1–3, Published: 2000	1.745		
4	Title: Slenderness limits for cold-formed channel sections in bending by experimental methods. Author(s): Maduliat, S., Bambach, M.R., Zhao, X.L. Source: Journal of Constructional Steel Research, Volume 76 Published: 2012	1.745		
Title: Recent research on stability analysis of thin-walled cold-formed steel members. Author(s): Dubina D., Goina D., Georgescu M., Ungureanu V., Zaharia R. Source: Journal of Constructional Steel Research 46(1-3) Published: 1998		1.745	5	0.349
1	Title: Slenderness limits for cold-formed channel sections in bending by experimental methods. Author(s): Maduliat, S., Bambach, M.R., Zhao, X.L. Source: Journal of Constructional Steel Research 76 Published: 2012	1.745		

Title: Stiffness of joints in bolted connected cold-formed steel trusses. Author(s): Zaharia R., Dubina D. Source: Journal of Constructional Steel Research 62(3) Published: 2006		9.834	2	4.917
1	Title: Analysis of cold-formed purlins with slotted sleeve connections. Author(s): Gutierrez R., Loureiro A., Lopez M., et al. Source: Thin-Walled Structures 49(7) Published 2011	1.724		
2	Title: Bolted moment connections in drive-in and drive-through steel storage racks. Author(s): Gilbert Benoit P., Rasmussen Kim J. R. Source: Journal of Constructional Steel Research 66 (6) Published: 2010	1.745		
3	Title: Model test and numerical analysis of a special joint for a truss bridge. Author(s): Wang Ronghui, Huang Yonghui, Li Qisheng, et al. Source: Journal of Constructional Steel Research 65 (6) Published: 2009	1.745		
4	Title: Numerical study of built-up double-Z members in bending and compression Author(s): Iveta Georgieva, Luc Schueremans, Lincy Pylb, Lucie Vandewalle Source: Thin-Walled Structures Vol. 60 Published: 2012	1.724		
5	Title: Response of One-Story Frame and Its Damage Effect Author(s): Wang, S. and Wan, L. Source: Journal of Aerospace Engineering 10.1061/(ASCE)AS.1943-5525.0000355 Published: 2013	1.151		
6	Title: Numerical model for bolted T-stubs with two bolt roes. Author(s): Daidie Alain, Chakhari jamel, Zghal Ali Source: Structural Engineering and Mechanics 26(3) Published: 2007	1.745		
Title: Designing Steel Structures for Fire Safety Author(s): Franssen J. M., Kodur V., Zaharia R. Source: Book - CRC Press/ Balkema, Taylor & Francis Group, London, UK, ISBN 978-0-415-54828-1, Published: 2009		4.645	3	1.548333
1	Title: Analysis of RC T-beams strengthened with CFRP plates under fire loading using ANN. Author(s): Naser M. Z. Abu-Lebdeh G., Hawileh R. A. Source: Construction and Building Materials Vol. 37 Published: 2012	1.974		
2	Title: Thermal-stress analysis of RC beams reinforced with GFRP bars. Author(s): Hawileh R. A., Naser M. Z. Source: Composites Part B: Engineering 43(5) Published 2012	2.671		
TOTAL				C 15.81

Conf. dr. ing. Raul Dan ZAHARIA