Record Nr. UNINA9910437766503321 Design, fabrication and economy of metal structures: International **Titolo** Conference Proceedings 2013, Miskolc, Hungary, April 24-26, 2013 / / Karoly Jarmai and Jozsef Farkas (eds.) Berlin; New York, : Springer, c2013 Pubbl/distr/stampa **ISBN** 9783642366918 3642366910 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (xx, 671 pages): illustrations (some color) Collana Gale eBooks Altri autori (Persone) **JarmaiKaroly** FarkasJozsef <1944-> Disciplina 693.7 Soggetti Structural engineering Metal buildings - Design and construction Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes author index. Nota di bibliografia Includes bibliographical references and index. Section 1 Structural optimization -- Section 2 Thin-walled structures Nota di contenuto -- Section 3 Stability -- Section 4 Fatigue -- Section 5 Frames --Section 6 Fire -- Section 7 Fabrication -- Section 8 Welding technology -- Section 9 Applications -- Section 10 Steel-concrete composite -- Section 11 Special problems. Sommario/riassunto These are the proceedings of the International Conference on Design. Fabrication and Economy of Metal Structures held on 24-26 April 2013 in Miskolc, Hungary which contain 99 papers covering: Structural optimization Thin-walled structures Stability Fatigue Frames Fire Fabrication Welding technology Applications Steel-concrete composite Special problems The authors are from 23 different countries, ensuring that the themes covered are of worldwide interest and importance. The International Institute of Welding (IIW), the International Society of Structural and Multidisciplinary Optimization (ISSMO), the TÁMOP 4.2.1. B-10/2/KONV-2010-0001 project entitled "Increasing the quality of

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results of which will provoke discussion, and provide an important reference for civil and mechanical engineers, architects, researchers and structural designers and fabricators, as well as managers in a range of industries including building, transport, shipbuilding, aircraft, chemical and offshore engineering.