Record Nr. UNINA9910812383703321 Autore Yu Wei-wen <1924-> Titolo Cold-formed steel design / / Wei-Wen Yu, Roger A. LaBoube Pubbl/distr/stampa Hoboken, N.J., : Wiley, c2010 **ISBN** 1-61344-878-3 0-470-91976-0 1-282-77370-4 9786612773709 0-470-94982-1 0-470-91974-4 Edizione [4th ed.] 1 online resource (515 p.) Descrizione fisica Altri autori (Persone) LaBoubeRoger A Disciplina 624.1/821 Soggetti Building, Iron and steel Sheet-steel Thin-walled structures Steel - Cold working Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Cold-Formed Steel Design, Fourth Edition; CONTENTS; PREFACE; Chapter 1: Introduction; Chapter 2: Materials Used in Cold-Formed Steel Construction; Chapter 3: Strength of Thin Elements and Design Criteria; Chapter 4: Flexural Members; Chapter 5: Compression Members; Chapter 6: Combined Axial Load and Bending; Chapter 7: Closed Cylindrical Tubular Members; Chapter 8: Connections; Chapter 9: Shear Diaphragms and Roof Structures; Chapter 10: Corrugated Sheets; Chapter 11: Composite Design; Chapter 12: Introduction to Stainless Steel Design; Chapter 13: Light-Frame Construction Chapter 14: Computer-Aided DesignChapter 15: Direct-Strength Method; Appendix A: Thickness of Base Metal; Appendix B: Torsion; Appendix C: Formulas for Computing Cross-Sectional Property By; Appendix D: Definitions of Terms; Nomenclature; Acronyms and Abbreviations; Conversion Table; REFERENCES; INDEX

The definitive text in the field, thoroughly updated and expanded

Sommario/riassunto

Hailed by professionals around the world as the definitive text on the subject, Cold-Formed Steel Design is an indispensable resource for all who design for and work with cold-formed steel. No other book provides such exhaustive coverage of both the theory and practice of cold-formed steel construction. Updated and expanded to reflect all the important developments that have occurred in the field over the past decade, this Fourth Edition of the classic text provides you with more of the detailed, up-to-the-minute techni