1. Record Nr. UNINA9911004760003321 Autore Ryall M. J. Titolo Bridge management / / M.J. Ryall Oxford:,: Elsevier,, 2010 Pubbl/distr/stampa **ISBN** 0-429-21402-2 1-136-44358-4 1-282-54111-0 9786612541117 0-08-094239-3 Edizione [Second edition.] Descrizione fisica 1 online resource (573 p.) Disciplina 624.20288 Soggetti Bridges - Maintenance and repair Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Front Cover; Bridge Management; Copyright; Contents; Preface to the Second Edition; Preface to the First Edition; Acknowledgements; Author Biographies: CHAPTER 1 Bridge Management Systems; CHAPTER 2 Inspection and Condition Rating; CHAPTER 3 Assessment and Evaluation; CHAPTER 4 Non-Destructive Testing; CHAPTER 5 Load Testing: CHAPTER 6 Repair: CHAPTER 7 Strengthening: CHAPTER 8 Bridge Modification; CHAPTER 9 Whole-Life Costing, Maintenance Strategies and Asset Management; CHAPTER 10 Durability and Protection: CHAPTER 11 Stress Measurementand Monitoring: CHAPTER 12 Risk and Reliability CHAPTER 13 Deterioration ModellingCHAPTER 14 Heavy Goods Vehicles (HGVs); Index Sommario/riassunto As the emphasis in construction moves from building new bridges to maintenance and rehabilitation of existing stock, bridge management is becoming an increasingly important subject. This is the definitive, single volume reference for professionals and postgraduates, covering the whole gamut of bridge management topics. Highly illustrated and

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