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Titolo	Developments in International Bridge Engineering : Selected Papers from Istanbul Bridge Conference 2014 / / edited by Alp Caner, Polat Gülkán, Khaled Mahmoud
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Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (229 p.)
Collana	Springer Tracts on Transportation and Traffic, , 2194-8127 ; ; 9
Disciplina	624.25
Soggetti	Buildings - Design and construction Engineering design Energy policy Energy and state Building Construction and Design Engineering Design Energy Policy, Economics and Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Modeling and Analysis -- Construction and Erection Techniques -- Design for Extreme Events -- Condition Assessment and Structural Health Monitoring.
Sommario/riassunto	The book includes peer-reviewed contributions selected from presentations given at the Istanbul Bridge Conference 2014, held from August 11 – 13 in Istanbul, Turkey. It reports on the current challenges in bridge engineering faced by professionals around the globe, giving a special emphasis to recently developed techniques, innovations and opportunities. The book covers key topics in the field, including modeling and analysis methods; construction and erection techniques; design for extreme events and condition assessment and structural health monitoring. There is a balanced presentation of theory, research and practice. This book, which provides the readers with a comprehensive and timely reference guide on current practices in bridge engineering, is intended for professionals, academic researchers

and students alike.
