

1. Record Nr.	UNINA9910299684003321
Titolo	Advances in Structural Engineering : Dynamics, Volume Two / / edited by Vasant Matsagar
Pubbl/distr/stampa	New Delhi : , : Springer India : , : Imprint : Springer, , 2015
ISBN	81-322-2193-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (873 p.)
Disciplina	620 620.1 620.11 690
Soggetti	Buildings - Design and construction Mechanics, Applied Solids Materials Building materials Building Construction and Design Solid Mechanics Materials Engineering Structural Materials
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 and indexes.
Nota di contenuto	Part 1: Seismology and Ground Motion Characteristics -- Part 2: Earthquake Response of Steel, Concrete and Masonry Structures -- Part 3: Seismic Pounding and Mitigation in Adjacent Structures -- Part 4: Hydro-dynamics and Fluid-Structure Interaction -- Part 5: Dynamic Vibration Control of Structures -- Part 6: Bridge Engineering and Seismic Response Control -- Part 7: Wind Induced Vibration Response of Structures -- Part 8: Statistical, Probabilistic and Reliability Approaches in Structural Dynamics.
Sommario/riassunto	The book presents research papers presented by academicians, researchers, and practicing structural engineers from India and abroad in the recently held Structural Engineering Convention (SEC) 2014 at

Indian Institute of Technology Delhi during 22 – 24 December 2014. The book is divided into three volumes and encompasses multidisciplinary areas within structural engineering, such as earthquake engineering and structural dynamics, structural mechanics, finite element methods, structural vibration control, advanced cementitious and composite materials, bridge engineering, and soil-structure interaction. Advances in Structural Engineering is a useful reference material for structural engineering fraternity including undergraduate and postgraduate students, academicians, researchers and practicing engineers.

---