

1. Record Nr.	UNINA9911020181103321
Titolo	Mechanical behavior of concrete // edited by Jean-Michel Torrenti, Gilles Pijaudier-Cabot, Jean-Marie Reynouard
Pubbl/distr/stampa	London, U.K., : ISTE Hoboken, N.J., : Wiley, 2010
ISBN	9781118557587 1118557581 9781118622308 1118622308 9781299315631 1299315631 9781118622353 1118622359
Descrizione fisica	1 online resource (433 p.)
Collana	ISTE
Altri autori (Persone)	TorrentiJean-Michel ReynouardJean-Marie Pijaudier-CabotGilles
Disciplina	624.1/834
Soggetti	Concrete - Analysis Concrete - Curing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First published 2004 and 2005 in France by Hermes Science/Lavoisier in two volumes entitled: Comportement du beton au jeune age and Comportement mecanique du beton.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Instantaneous or time-independent models for concrete -- pt. 2. Concrete under cyclic and dynamic loading -- pt. 3. Time-dependent response of concrete.
Sommario/riassunto	This title provides a comprehensive overview of all aspects of the mechanical behavior of concrete, including such features as its elastoplasticity, its compressive and tensile strength, its behavior over time (including creep and shrinkage, cracking and fatigue) as well as modeling techniques and its response to various stimuli. As such, it will be required reading for anyone wishing to increase their knowledge in

this area.
