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Titolo	Concrete : building pathology // edited by Susan Macdonald
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Descrizione fisica	1 online resource (xvii, 309 pages) : illustrations
Disciplina	624.1834 693 693.5
Soggetti	Concrete construction - Maintenance and repair Concrete construction - Deterioration Concrete Civil & Environmental Engineering Engineering & Applied Sciences Civil Engineering
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di contenuto	Introduction -- Key developments in the history of concrete construction and the implications for remediation and repair -- Structural appraisal -- The identification and assessment of defects, damage and decay -- Repairing and damaged concrete -- Maintenance of concrete buildings and structures -- Concrete in the future -- Repair, remediation and maintenance in practice (case studies).
Sommario/riassunto	This book deals with the diagnosis, prognosis and repair issues associated with concrete buildings. Since the patenting and subsequent large-scale manufacture of modern cement, in the nineteenth century, concrete has become one of the most widely used construction materials in the world. Those concerned with building

pathology now need to understand problems specifically related to concrete and to identify appropriate methods of repair and remediation. This book brings together experts in the history, defect diagnosis, remediation and maintenance of concrete. It includes case studies.

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