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Titolo	Case Studies of Building Pathology in Cultural Heritage [[electronic resource] /] / edited by João M.P.Q. Delgado
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ISBN	981-10-0639-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (257 p.)
Collana	Building Pathology and Rehabilitation, , 2194-9832 ; ; 7
Disciplina	620
Soggetti	Building materials Structural materials Thermodynamics Heat engineering Heat transfer Mass transfer Cultural heritage Building Materials Structural Materials Engineering Thermodynamics, Heat and Mass Transfer Cultural Heritage
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	Survey and identification of pathological manifestations in Olympic Stadium of Cascavel city -- Pathology Analysis and Intervention at the "Pavilhão Mourisco" Roof Terraces - Rio de Janeiro, Brazil -- Finding faults in residential buildings -- Experience from Using Prefabricated Elements for Adding Insulation and Upgrading of External Façades -- Recovery and enhancement of modern architectures: the case of cinema Ariston in Potenza (Italy) -- Plumbing system's pathologies based on the record of technical assistance and design procedures -- Cracks of masonry partition walls in multifloor building: case study -- Survey and dynamic behaviour of the Our Lady of Conception Church, Portugal -- Building refurbishment - economical relevance of the several construction elements -- Analysis of the microclimate in a historical

building to assess the probability of recurrence of filamentous fungi -- Maintenance as a tool to avoid building pathology. The Oporto building example -- An interoperable ICT tool for asset and maintenance management - Advances in research -- BIM methodology used in the maintenance of buildings.

Sommario/riassunto

This book highlights new developments in the field of building pathology and rehabilitation, taking an in-depth look into current approaches to the surveying of buildings and the study of defect diagnosis, prognosis and remediation. Including a number of real-world case studies and a detailed set of references for further reading, the book will appeal to a wide readership of scientists, practitioners, students and lecturers.
