

Contents

Fibre Reinforced Polymers in the Rehabilitation of Damaged Masonry	1
J.S. Nogueira Chagas and G. Farias Moita	
Energy Cost-Efficient Rehabilitation Measures for the Portuguese Residential Buildings Constructed in the 1960–1990 Period	23
A. Brandão de Vasconcelos, M. Duarte Pinheiro, A. Cabaço and A. Costa Manso	
Ventilation System for Drying Out Buildings After a Flood	43
O. López López and M.I. Morais Torres	
Risk Assessment of Urban Fire—Method for the Analysis and Management of Existing Buildings	71
Miguel Chichorro Gonçalves and André Correia	
Economic Relevance of Building Elements—Studies, New Framework, Evolutions and Support for Refurbishment Operations	93
Pedro Mêda, Hipólito Sousa and Frederico Ferreira	
Maintenance as a Tool to Avoid Building Pathology—The Oporto Building Example	129
P. Fernandes Rocha and R. Calejo Rodrigues	
An Interoperable ICT Tool for Asset and Maintenance Management	147
Bruno Daniotti and Sonia Lupica Spagnolo	
BIM Tools Used in Maintenance of Buildings and on Conflict Detection	163
Alcinea Zita Sampaio, Diogo G. Simões and Edgar Preto Berdeja	

Mechanical Pathologies of Reinforced and Damaged Concrete Corbels by Gluing Composite Carbon Fabrics Under Static and Dynamic Tests 185
Ivelina Ivanova, Jules Assih and Dimitar Dontchev

Pathologies in Reinforced Concrete Structures 213
E. Garrido Vazquez, A. Naked Haddad, E. Linhares Qualharini,
L. Amaral Alves and I. Amorim Féo

Sustainable Construction

Building Performance Simulation and Asset and
Maintenance Management

Delgado, J.M.P.Q. (Ed.)

2016, VIII, 228 p. 127 illus., 108 illus. in color.,

Hardcover

ISBN: 978-981-10-0650-0