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Nota di contenuto	Earthquake Engineering -- Preface -- Table of Contents -- Chapter 1: Analysis of Seismic Behaviour and Seismic Resistance of Structural Members -- Numerical Investigation of the Effects of Opening on the Strength of Masonry Wall -- Laboratory Testing and Numerical Analysis on Reinforced Concrete Frames with Prefabricated Cellular Lightweight Concrete (CLC) -- A Bending Test Set-Up for the Investigation of the Bond Properties of FRCM Strengthenings Applied to Masonry Substrates -- A Simplified Modelling Approach for the In-Plane Analysis of Masonry Structures Strengthened by FRCMs -- Study on Seismic Performance of C105 Prestressed High Strength Concrete Hollow Pipe Pile -- Impact Response of Reinforced Concrete Columns with Different Axial Load under Low-Velocity Impact Loading -- Optimum Shear Walls Distribution in Framed Structures for Buildings Subjected to Earthquake Excitations -- Study the Impacts of Aggregate's Geometry and Cement Contents on Fresh and Hardened Properties of Concrete -- Numerical Simulations of Masonry Elements Strengthened through Fibre-Reinforced Mortar: Detailed Level Modelling Using the OOFEM Code -- Experimental Out-of-Plane Behaviour of a Rammed Earth Sub-Assemblage Subjected to Seismic Inputs -- Design Criteria for Masonry Reinforcement with Composite Reinforced Mortars (CRM) -- Grout Injection Effect on the Shear

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Sommario/riassunto

Aggregated Book.
