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Nota di contenuto	Seismic Control and Performance of Passive Hybrid Damper under Near-Field Earthquakes -- Wall Effects on Terminal Velocity of Test Fuel Bundle in the Fuel Test Loop of High Flux Research Reactor -- Comparison of Seismic Performance of Composite (RCS) Frame with RC Frame using Pushover Analysis -- Investigating Load Withstand by L-Shape Concrete Cube, RCC Slab and To Safeguard Reinforcement of RCC Slab in Salt-Water Environment Using Cathodic Protection -- Performance Evaluation of Two-Way RC Slab Subjected to Blast Loading Using Finite Element Analysis -- Development of Fragility Curves for Different Types of RC Frame Structures -- Smart light weight MR Damper for Enhancement of Seismic Mitigation -- Rheological Behavior of Geopolymer Mortar with Fly ash, Slag and their Blending -- Effect of Pile Spacing and Raft Thickness on Behaviour of Piled-Raft Foundation – A Parametric Study Using Fem -- Removal of VOCs and Improvement of Indoor Air Quality Using Activated Carbon Air Filter.
Sommario/riassunto	This book comprises select proceedings of the National Conference on Advances in Structural Technology (CoAST 2019). It brings together different applied and technological aspects of structural engineering. The main topics covered in this book include solid mechanics, composite structures, fluid-structure interaction, soil-structure interaction, structural safety, and structural health monitoring. The book also focuses on emerging structural materials and the different

behavior of civil, mechanical, and aerospace structural systems. Given its contents, this book will be a useful reference for researchers and practitioners working in structural safety and engineering.

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