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Altri autori (Persone)	ChenShen-en
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Nota di contenuto	""Cover""; ""Contents""; ""Building Envelope I: Performance""; ""Practices to Reduce Common Failures""; ""Case Studies of Roofing and Cladding Failures Involving Internal Pressurization""; ""Water and Moisture Management with Sustainable Building Products""; ""Stone Veneer Wall Failure: A Small Earthquake Reveals a Large Problem""; ""Thermal Inefficiencies in Building Enclosuresa€?Causes of Moisture Related Performance Problems""; ""Building Envelope II: Masonry Walls""; ""Inspection, Rating, and Repair of a Residential Building Envelope Detail"" ""Special Problems with Composite Multiwythe Masonry Walls"" ""Identification and Diagnosis of Building FaAade Failures""; ""Evaluation and Repair of a Distressed Masonry Veneer FaAade: A Case Study of the Litton Reaves Repair Project""; ""To Seal or Not to Seal: A Practical Study of Masonry Surface Treatments""; ""Bridges and Tunnels""; ""The Bussey Railroad Bridge Collapse""; ""Assessing the Vulnerability of Large Critical Infrastructure Using Fully-Coupled Blast Effects Modeling""; ""Development and Application of a Fast-Running Tool to Characterize Shock Damage within Tunnel Structures"" ""Collapse of the Wimer Covered Timber Bridge""""Residential""; ""Built-

Up Column Stability in Wood Construction"; "Mold in Ductwork: A Forensic Analysis"; "The New FEMA 320 and FEMA 361a€?Highlights of the Wind and Flood Hazards Criteria for the Design and Construction of Residential and Community Safe Rooms (Shelters)"; "A Huff, and a Puff, and a€?It Blew the Chimney Down"; "Building Envelope III: Roofing and Drainage"; "Residential Roofing Evaluation"; "Assessing Wind Damage to Asphalt Roof Shingles"; "The Roof Drainage Epidemic"; "Soils I: Subsurface Conditions"  
"Dimensional Study of Mine Subsidence Mapping Using Google Earth""Forensic Considerations in Sinkhole Investigations"; "Case History: Sulfate-Induced Heave of Lime-Treated Soils beneath a Structure in Western Colorado"; "Forensic Engineering in the Assessment of Contaminated Land"; "Settlement Problems in Peat Due to Their High Compressibility and Possible Solution Using Cement Columns"; "Soils II: Foundations"; "Bearing Capacity of Rectangular Foundations near the Slopes with Nonassociated Flow Rules"  
"Assessment and Remediation of Geotechnical and Structural Deficiencies at a 5-Story Hotel Experiencing Large Differential Settlements""Optimization of Compaction Grouting in Collapsible Soils"; "Rethinking Waterproofing for Subsurface Structures"; "Floor Level Surveys and Their Use in Geotechnical Investigations: Case Studies"; "Soils III: Vibrations and Blasting"; "Vibration Study of a Proposed Fitness Center Adjacent to a Server Room"; "Shock and Blasting Effects on Power Transmission Structures"  
"Soil Contributions to Blasting Effects from Case Histories and Vibration Limits"

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