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| 1. Record Nr. | UNINA9911018644003321 |
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| Titolo | Proceedings of the 3rd International Conference on Advances in Concrete, Structural, and Geotechnical Engineering—Volume 2 : ACSGE 2024, BITS Pilani, India // edited by Shamsheer Bahadur Singh, Muthukumar Gopalathnam, Nishant Roy |
| Pubbl/distr/stampa | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025 |
| ISBN | 981-9607-51-5 |
| Edizione | [1st ed. 2025.] |
| Descrizione fisica | 1 online resource (843 pages) |
| Collana | Springer Proceedings in Materials, , 2662-317X ; ; 30 |
| Altri autori (Persone) | GopalathnamMuthukumar RoyNishant |
| Disciplina | 624.15 |
| Soggetti | Engineering geology Geotechnical engineering Concrete Geoengineering Geotechnical Engineering and Applied Earth Sciences |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | 1. Seismic Pounding Response Of Tall Buildings Installed With Fluid Viscous Dampers -- 2. Cracking Potential Of Internally Cured Self Compacting Concrete With Fly Ash -- 3. Dynamic Amplification Factor Of Plate Girder Bridge -- 4. Dynamic Analysis Of Tall Buildings Considering Different Plan Aspect Ratio -- 5. Dynamic Wind Analysis For High Rise Building Typical Observations -- 6. Effect Of Cao- Based Expansive Agent On Strength Of Ecc -- 7. Causes And Mechanism Of Bridge Failure -- 7. Effect Of Stirrup Spacing On Estimation Of Modulus Of Elasticity Of RC Beams -- 8. Nonlinear Behavior Of Infill Structures -- 9. A Numerical Study On Sma U Shaped Metallic Yielding Dampers Under Cyclic Loading. |
| Sommario/riassunto | This book consists of selected papers presented at the 3rd International Conference on Advances in Concrete, Structural, and Geotechnical Engineering (ACSGE 2024) held at BITS, Pilani, India. The papers represent the latest research work in the fields of advanced composite materials, advanced computational techniques for |

structures, applications of nanotechnology in civil engineering, bridge engineering, composite structures, concrete technology, the fatigue life of structures, fire-resistant structures, functionally graded materials and structures, geotechnical processes, ground improvement techniques, offshore structures, performance-based design of structures, pre-cast pre-stressed concrete structures, seismic design, and construction, soil structure interaction, structural health assessment and rehabilitation, sustainability of construction, design, and management. The papers are presented by an international pool of academics, research scientists, and industrial experts and therefore cater to the global audience from the fields of construction materials, design guidelines, geotechnical engineering, concrete infrastructures, and structural engineering. This book is part of a 3-volume series of these conference proceedings, and it represents Volume 2 in the series.
