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| 1. | Record Nr. | UNINA990008020130403321 |
| | Autore | Girelli, Alberto |
| | Titolo | Acqua dolce dal mare / A. Girelli |
| | Pubbl/distr/stampa | Milano : Tamburini, 1965 |
| | Edizione | [1.ed.] |
| | Descrizione fisica | XXII, 179 p. ; 25 cm\$coll. |
| | Localione | DINID |
| | Collocazione | 15 PSTLL1/1-11 |
| | Lingua di pubblicazione | Italiano |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
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| 2. | Record Nr. | UNISA990000202220203316 |
| | Autore | Pacific-Asia conference PAKDD-99 : 3 : 1999 |
| | Titolo | Methodologies for knowledge discovery and data mining : third Pacific-Asia conference, PAKDD-99 : Beijing, China, April 26-28, 1999 : proceedings / Ning Zhong (ed.) |
| | Pubbl/distr/stampa | Berlin [etc.] : Springer-Verlag, copyr. 1999 |
| | ISBN | 3-540-65866-1 |
| | Descrizione fisica | XV, 533 p. : ill. ; 24 cm |
| | Collana | Lecture notes in artificial intelligence ; 1574 |
| | Disciplina | 00574 |
| | Collocazione | 006.3 LNIA (1574) |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Note generali | collana principale: lecture notes in computer science |

3. Record Nr.	UNINA9910574071903321
Titolo	Advances in Structural Mechanics and Applications : Proceedings of ASMA-2021 (Volume 3) // edited by José António Fonseca de Oliveira Correia, Satyabrata Choudhury, Subhrajit Dutta
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-04793-1
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (438 pages)
Collana	Structural Integrity, , 2522-5618 ; ; 27
Disciplina	624.171
Soggetti	Building materials Mechanics, Applied Structural Materials Engineering Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Contents -- Application of Mechanics to Concrete Material Science for Structures -- Abstract -- 1 Introduction -- 2 Workability and Rheology -- 3 Strength and Fracture at Pore Scale -- 4 Flow Through Porous Media and Durability -- 5 Conclusions -- References -- Investigation of Seismic Design Parameters in Irregular Reinforced Concrete Buildings with Masonry Infills -- Abstract -- 1 Introduction -- 2 Response Reduction Factor -- 3 Model Description -- 3.1 Material Parameters -- 3.1.1 Concrete Model -- 3.1.2 Steel Model -- 3.1.3 Inelastic Infill Panel Element (Infill) -- 4 Results and Discussion -- 4.1 Pushover Curves -- 4.2 Base Shear -- 4.3 Ductility -- 4.4 Ductility Reduction Factor -- 4.5 Overstrength Factor -- 4.6 Response Reduction Factor -- 4.7 Suggested Modifications in the IS 1893 - Part 1 (2016) -- 4.8 Damage Index -- 5 Conclusions -- References -- Railway Bridge Model Calibration Using the Search Group Algorithm -- Abstract -- 1 Introduction -- 2 Structural Optimization -- 2.1 Optimization Algorithms -- 2.2 Search Group Algorithm -- 3 Canelas Railway Bridge -- 3.1 Past Research -- 3.2 Numerical Models -- 3.2.1 Numerical Model C1 -- 3.2.2 Numerical Model C2 -- 3.2.3 Numerical Model C3 -- 4 Numerical Model Calibration -- 5 Conclusion -- References --

Aftershock Seismic Capacity Assessment of Concrete Bridge Piers
 Considering Post-mainshock Strength Degradation -- Abstract -- 1
 Introduction -- 2 Design of Archetype Bridge Piers -- 3 Analytical
 Model Development and Validation -- 3.1 Strain-Based Strength
 Degradation Scheme -- 4 Ground Motion Suite -- 5 Static Pushover and
 Nonlinear Time History Analyses -- 6 Fragility Assessment of Bridge
 Piers Subjected to Mainshock-Aftershock Sequence -- 6.1
 Characterization of Damage States -- 6.2 Probabilistic Seismic Demand
 Model -- 6.3 Development of Fragility Curves -- 7 Conclusions.
 Acknowledgement -- References

Seismic Analysis of Carbon Fiber
 Reinforced Polymer Cable Structure Using ETABS -- Abstract -- 1
 Introduction -- 2 Literature Review -- 3 Structure Modelling -- 3.1
 Rigid Structure -- 3.2 Braced Structure -- 3.3 CFRP Cabled Structure --
 4 Structural Analysis -- 5 Results and Discussion -- 5.1 Equivalent
 Static Method -- 5.2 Response Spectrum Analysis -- 5.3 Time History
 Analysis -- 5.3.1 Rigid Model -- 5.3.2 Braced Model -- 5.3.3 Cabled
 Model -- 5.3.4 Story Displacement Compared with all Models -- 5.4
 Time Period -- 6 Conclusion -- References

Analysis of Accidental
 Collision of Blue Whale with Submerged Floating Tunnel -- Abstract --
 1 Introduction -- 2 Literature Review -- 2.1 Inclination Mooring Angle
 -- 2.2 Influence of Impact Load -- 2.3 Accidental Sudden Breakage of
 Tethers -- 2.4 Effect of Resonance on SFT -- 3 Numerical Modelling --
 4 Results and Discussion -- 5 Conclusion -- References

Structural
 Audit of Mutha River Bridge Using Displacement Sensors -- Abstract --
 1 Introduction -- 2 Literature Review -- 3 Methodology -- 3.1 Visual
 Inspection -- 3.2 Deck Displacement Test -- 4 Analysis and Design --
 4.1 Rebound Hammer Test -- 4.2 Ultrasonic Pulse Velocity Test -- 5
 Results and Discussions -- 6 Conclusion -- References

Analysis and
 Cost Comparison of Framed Structure Using Different Building Materials
 -- Abstract -- 1 Introduction -- 2 Methodology -- 3 Materials and
 Cost Analysis -- 4 Seismic Analysis -- 4.1 Modelling -- 4.2 Analysis of
 Framed Structures -- 5 Results and Discussion -- 5.1 Structural
 Response of Frame Structures -- 5.1.1 Fixed Composite Models --
 5.1.2 Pinned Composite Models -- 5.1.3 Fixed Concrete Models --
 5.1.4 Pinned Concrete Models -- 5.1.5 Fixed Steel Models -- 5.1.6
 Pinned Steel Models -- 5.2 Cost Analysis -- 6 Conclusion --
 References.

Study of Simply Supported Skew Composite Bridge Decks Under IRC
 Loading -- Abstract -- 1 Introduction -- 2 Skew Deck Behaviour -- 3
 Bridge Analysis -- 3.1 Transverse Analysis -- 3.2 Longitudinal Analysis
 -- 4 Results and Discussion -- 4.1 Transverse Analysis -- 4.2
 Longitudinal Analysis -- 4.2.1 Maximum Response of Bridge Decks vs
 Span -- 4.2.2 Check for Deflection -- 4.2.3 Effect of Different Wheel
 Load Combinations -- 5 Conclusion -- References

Structural
 Assessment of Composite Concrete Members for Waterproofing and
 Thermal Insulation -- Abstract -- 1 Introduction -- 1.1 PS has Very
 Poor Water -- 2 Methodology -- 2.1 Design of Slab -- 2.2 Design
 Constants -- 2.3 Design of Section -- 2.4 Main Reinforcement -- 2.5
 Check for Development Length -- 2.6 Check for Shear -- 2.7
 Distribution Reinforcement -- 2.8 Concrete Mix Design -- 3
 Experimentation -- 3.1 Procedure for Measuring Thermal Conductivity
 Value -- 4 Results -- 5 Conclusions -- References

Use of Polyvinyl
 Acetate and Glass Fiber for Improving Expansive Soil -- Abstract -- 1
 Introduction -- 2 Materials -- 2.1 Soil -- 2.2 Poly-Vinyl Acetate (PVAc)
 -- 2.3 Glass Fiber -- 3 Experimental Studies -- 4 Results and
 Discussion -- 4.1 Deviation in U.C.S. with PVAc Variation -- 4.2
 Deviation in UCS due to Curing Time -- 4.3 Deviation in UCS Due to
 Fiber Addition -- 4.4 Effect of PVAc-Fiber on FSI -- 5 Conclusion --

References -- Effect of Terrain Category, Aspect Ratio and Number of Storeys on the Shear Lag Phenomenon in RCC Framed Tube Structures -- Abstract -- 1 Introduction -- 2 Objective -- 3 Mathematical Calculation and Codal Provision -- 4 Description of Structural Configuration -- 5 Modelling -- 6 Calculation of Amplification Factor -- 7 Results and Discussion -- 7.1 Variation of Axial Force in Web Panel Columns and Flange Panel Columns. 7.2 Variation of Axial Force on Varying Terrain Category -- 7.3 Variation of Axial Force on Varying Aspect Ratio -- 7.4 Variation of Axial Forces on Varying Building Height -- 8 Variation of Amplification Factor -- 9 Conclusion -- References -- Flexural and Torsional Moment of Clamped RC Curved Beam: A Parametric Study -- 1 Introduction -- 2 Mathematical Formulation -- 3 Results -- 3.1 Curved Beam Subtending Angle at Centre = 10° -- 3.2 Curved Beam Subtending Angle at Centre = 20° -- 4 Conclusion -- References -- Effect of Infill Walls on Seismic Behaviour of Buildings: A Review -- Abstract -- 1 Introduction -- 2 Influence of Infill Walls on Structures -- 2.1 Novel Structural Design Method for Soft Storey Buildings -- 2.2 Influence of Reinforcement on Masonry Infill -- 3 Modelling of Infill Strut -- 3.1 Concrete Frame with Infill -- 3.1.1 Masonry Infill -- 3.1.2 Concrete Infill -- 3.2 Steel Frame with Infill -- 3.3 Compression Strut Mechanism -- 3.4 Modelling Parameters -- 4 Timber Infill in Steel Structures -- 4.1 Design Method -- 5 Effect of Infill in the Design of OFCS -- 5.1 Floor Spectra Response -- 5.2 Response Amplification -- 6 Conclusion -- References -- Seismic Base Isolation of 7 Storey RC Structure Using Single Friction Pendulum System -- Abstract -- 1 Introduction -- 1.1 Friction Pendulum Bearing -- 2 Modelling of Structure -- 3 Modelling of Friction Pendulum -- 4 Analysis Data -- 5 Result and Discussion -- 5.1 Base Shear -- 5.2 Time Period -- 5.3 Inter Storey Drift -- 5.4 Base Shear with Varying R and μ -- 5.5 Base Shear with Varying R and $\mu = 0.1$ -- 6 Conclusion -- 6.1 Result with R= 2.24 m and $\mu = 0.04$ -- 6.2 Result with Variation of R and μ -- 6.3 Result by Varying of R and Keeping μ as 0.1 -- References -- A Vision-Based Data-Analytics Tool for Crack Characterization in Reinforced Concrete Structures -- Abstract -- 1 Introduction. 2 Literature Review -- 3 Materials and Methodology -- 3.1 Experimental Setup -- 3.2 Methodology for Crack Quantification -- 4 Results and Discussion -- 5 Conclusions and Future Perspectives -- References -- Response of Two-Way RCC Slab with Unconventionally Placed Reinforcements Under Contact Blast Loading -- Abstract -- 1 Introduction -- 2 Literature Survey -- 3 Numerical Modelling -- 3.1 Blast Loading -- 3.2 Material Model -- 4 Results and Discussion -- 5 Conclusion -- References -- Response Mitigation of Structure Using Tuned Liquid Column Ball Damper: A Review -- Abstract -- 1 Introduction -- 2 Brief Literatures on Performance of TLCBD in Response Mitigation -- 2.1 Performance of TLCBD on Structure -- 2.2 Optimization Studies on TLCBD in Mitigation of Response of the Structure -- 2.3 Reliability-Based Performance Studies on TLCBD in Response Mitigation -- 3 Conclusion -- References -- Numerical Analysis of One-Way Flexural Strength of Voids Slab -- Abstract -- 1 Introduction -- 2 Literature Review -- 3 Numerical Simulation of One-Way Flexure Test -- 4 Conclusions -- 4.1 Study of Effect of Change of Concrete Grade -- References -- Influence of Hot Air Exposure on CFRP Shear Strengthened RC T-Beams -- Abstract -- 1 Introduction -- 2 Experimental Programs -- 2.1 Details of RC T-Beam Specimens -- 2.2 Materials Specifications -- 2.3 Test Specimens and Strengthening Schemes -- 3 Strengthening Procedure -- 3.1 EB-FRP Strengthening Process -- 4 Environmental Conditioning -- 4.1 Natural Laboratory

Condition -- 4.2 Hot Dry Air Condition -- 5 Observations After Environmental Conditioning -- 6 Test Setup and Arrangement -- 7 Results and Discussions -- 7.1 Failure Analysis -- 7.1.1 Laboratory Condition -- 7.1.2 Hot Air Condition -- 7.2 Load-Displacement Behaviour -- 7.3 Ductility and Energy Absorption -- 7.4 Efficiency of the Anchorage Methods.
7.5 Strain Response in CFRP.

Sommario/riassunto

The proceedings of the conference is going to benefit the researchers, academicians, students and professionals in getting enlightened on latest technologies on structural mechanics, structure and infrastructure engineering. Further, work on practical applications of developed scientific methodologies to civil structural engineering will make the proceedings more interesting and useful to practicing engineers and structural designers.
