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Nota di contenuto	About the Editors -- Preface to "Advanced Underground Space Technology" -- Advanced Underground Space Technology -- Field Measurements for Traffic Noise Reduction in Highway Tunnels Using Closed-Cell Aluminum Foam Board -- A New Design Method of Shield Tunnel Based on the Concept of Minimum Bending Moment -- A Suitability Evaluation Method of Urban Underground Space Based on Rough Set Theory and Conditional Entropy: A Case Study in Wuhan Changjiang New Town -- Verification and Comparison of Direct Calculation Method for the Analysis of Support-Ground Interaction of a Circular Tunnel Excavation -- Behaviour of Square and Rectangular Tunnels Using an Improved Finite Element Method -- Intelligent Classification of Surrounding Rock of Tunnel Based on 10 Machine Learning Algorithms -- Asymmetric Force Effect and Damage Analysis of Unlooped Segment of Large-Diameter Shield under Synchronous Propulsion and Assembly Mode -- Experimental Study on the Influence of Slurry Concentration and Standing Time on the Friction Characteristics of a Steel Pipe-Soil Interface -- Design Optimization Method of Feet-Lock Steel Pipe for Soft-Rock Tunnel Based on Load-Deformation Coordination -- Study on the Restraint Effect of Isolation Pile on Surface Settlement Trough Induced by Shield Tunnelling -- Effect of Jack Thrust Angle Change on Mechanical Characteristics of Shield Tunnel Segmental Linings Considering Additional Constrained Boundaries -- Effects of Sidewall Brightness on LED Lighting Environment and Visual Performance in Road Tunnels -- Elastic

Modulus Prediction Model of Foamed Concrete Based on the Walsh Formula -- Failure Mechanism Analysis and Optimization Analysis of Tunnel Joint Waterstop Considering Bonding and Extrusion -- Seismic Response Analysis of Anchor Joint in Shield-Driven Tunnel Considering Soil-Structure Interaction -- Waterproof Performance of Sealing Gasket in Shield Tunnel: A Review -- Experimental Study and Engineering Application of the Spatial Reticulated Grid Bolt-Shotcrete Support Structure for Excavation Tunnels -- Modeling of Water Losses in Hydraulic Tunnels under Pressure Based on Stepwise Regression Method.

Sommario/riassunto

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