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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1 Optimizing the Position of Twin Tunnels for Reduction of Surface Ground Movements -- 2 Research on the Opportunity of Construction Method Conversion in Upper-soft and Lower-hard Stratum Based on Pressure Arch Theory -- 3 Computational and Numerical

Considerations of Segmental Lining Design -- 4 Computational and Numerical Considerations of Segmental Lining Design -- 5 Tunnel Boring Machine Advance Ground Investigation in Rockburst-prone Ground Conditions on Neelum Jhelum Project.

Sommario/riassunto

This volume comprises a set of high-quality, refereed papers that address the different aspects related to the geotechnical and structural design and construction of deep excavations, tunnels and underground space facilities as well as the effect of their construction on the surroundings. The papers cover planning, design, modeling, monitoring and construction aspects of these essential structures. This volume is part of the proceedings of the 1st GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2017.
