1. Record Nr. UNINA9910682553003321

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Titolo	Influence of Shield Tunneling on Adjacent Structures and Control Technology / / by Zhi Ding, Xinjiang Wei, Yong Wu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-19-1134-7
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (258 pages) : illustrations (black and white, and color)
Disciplina	690
Soggetti	Geotechnical engineering Buildings - Repair and reconstruction Buildings - Maintenance Construction industry - Management Geotechnical Engineering and Applied Earth Sciences Building Repair and Maintenance Construction Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Measurement and Analysis of Ground Settlement of Shield Tunneling Adjacent to Different Foundation Buildings -- Calculation of Soil Deformation Caused by Shield Tunneling -- Studies the Influence of Longitudinal Tunneling of Shield on Adjacent Shallow Foundation Buildings -- Research on the Influence of Shield Longitudinal Excavation Adjacent to Short Pile Foundation Buildings -- Research on the Influence of Double-line Shield tunneling Adjacent to Buildings and Control Standards -- Prediction of Lateral Ground Settlement Caused by Shield Tunneling Adjacent to Buildings -- Construction Control Technology of Shield Tunneling Adjacent to Structures.
Sommario/riassunto	This book introduces the synergy theory model to analyze the calculation results of the soil deformation and the lateral displacement law caused by the longitudinal shield tunneling based on in-depth scientific research and engineering practice on deformation of structures caused by shield tunneling. The influence of shield tunneling on different adjacent foundation buildings was studied, and the

deformation law and internal force distribution law of the structures were obtained. It aims to help practitioners in understanding the mechanism, predictive analysis method, and corresponding control technology of the influence of surrounding structures' deformation caused by shield tunneling.