

1. Record Nr. UNINA9910959440703321

Autore

Titolo

Pubbl/distr/stampa

Huazhong, : Huazhong University of Science and Technology Press, 2011

ISBN

9787560967776
7560967779

Edizione

[1st ed.]

Descrizione fisica

1 online resource (244 p.)

Soggetti

Rock excavation
Trenching machinery

Lingua di pubblicazione

Cinese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Description based upon print version of record.

Nota di contenuto

-- ; 26-

Sommario/riassunto

This book provides an in-depth discussion on the principles and integrated design of full-face rock tunnel boring machines (TBMs), with a focus on their application in engineering projects. It covers the main machine structure, supporting equipment, and various systems including hydraulic, electrical control, laser guidance, ventilation, and dust removal. The book is intended for technical personnel in tunnel engineering design, construction, supervision, and manufacturing, offering insights from the authors' extensive experience in theoretical research and practical engineering applications. It serves as a valuable resource for engineers and management professionals involved in tunnel construction, aiming to enhance understanding of TBM technology and its implementation in large-scale infrastructure projects.