1. Record Nr. UNISA996217062403316

Titolo	Hardrock tunnel boring machines [[electronic resource] /] / Bernhard Maidl ... [et al.] ; in cooperation with Gerhard Wehrmeyer and Marcus Derbot
Pubbl/distr/stampa	Berlin, : Ernst & Sohn, 2008
ISBN	3-433-60140-2 1-282-00791-2 9786612007910 3-433-60012-0 3-433-60013-9
Descrizione fisica	1 online resource (359 p.)
Altri autori (Persone)	MaidlBernhard
Disciplina	624.1930284
Soggetti	Tunneling - Equipment and supplies Drilling and boring machinery
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	Hardrock Tunnel Boring Machines; Preface; Contents; 1 Historical Development and Future Challenges; 2 Basic Principles and Definitions; 3 Boring Operation; 4 Thrust; 5 Material Transport; 6 Backup Equipment; 7 Ventilation, Dust Removal, Working Safety, Vibration; 8 Additional Equipment; 9 Tunnel Support; 10 Gripper TBM and Shield Machine Combinations; 11 Special Processes: Combinations of TBM Drives with Shotcrete; 12 Geological Investigations and Influences; 13 Classification for Excavation and Support; 14 Tendering, Award, Contract; 15 Tunnel Lining; 16 Examples of Completed Tunnels ReferencesIndex
Sommario/riassunto	This book covers the fundamentals of tunneling machine technology: drilling, tunneling, waste removal and securing. It treats methods of rock classification for the machinery concerned as well as legal issues, using numerous example projects to reflect the state of technology, as well as problematic cases and solutions. The work is structured such that readers are led from the basics via the main functional elements of tunneling machinery to the different types of machine, together with

		their areas of application and equipment. The result is an overview of current developments.Close cooper

2.	Record Nr.	UNINA9910416135803321
	Autore	Parvin Hosseini Seyed Mehrshad
	Titolo	Big Data Approach to Firm Level Innovation in Manufacturing : Industrial Economics / / by Seyed Mehrshad Parvin Hosseini, Aydin Azizi
	Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
	ISBN	981-15-6300-4
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (78 pages) : illustrations
	Collana	SpringerBriefs in Applied Sciences and Technology, , 2191-530X
	Disciplina	810
	Soggetti	Economic history Industrial engineering Production engineering Business Management science Engineering design Economy-wide Country Studies Industrial and Production Engineering Business and Management, general Engineering Design
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1: Introduction to innovation activities -- Chapter 2: The role of SME’s in innovation activities -- Chapter 3: Overview of innovation activities in Southeast Asia -- Chapter 4: From Linear model to Chain Linked model of innovation in reaching firm characteristics that facilitate and lowering the cost of innovation -- Chapter 5: Predicting level of innovation -- Chapter 6: Factors affecting the decision to innovate and related policies .
	Sommario/riassunto	This book discusses utilizing Big Data and Machine Learning approaches in investigating five aspects of firm level innovation in

manufacturing; (1) factors that determine the decision to innovate (2) the extent of innovation (3) characteristics of an innovating firm (4) types of innovation undertaken and (5) the factors that drive and enable different types of innovation. A conceptual model and a cost-benefit framework were developed to explain a firm's decision to innovate. To empirically demonstrate these aspects, Big data and machine learning approaches were introduced in the form of a case study. The result of Big data analysis as an inferior method to analyse innovation data was also compared with the results of conventional statistical methods. The implications of the findings of the study for increasing the pace of innovation are also discussed.