

1. Record Nr.	UNINA9910810335403321
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Titolo	Rock engineering design : properties and applications of sound level // Harsha Vardhan, Rajesh Kumar Bayar
Pubbl/distr/stampa	Boca Raton : , : Taylor & Francic, CRC Press, , 2014
ISBN	0-429-07233-3 1-62870-751-8 1-4665-8295-2
Edizione	[1st edition]
Descrizione fisica	1 online resource (182 p.)
Disciplina	624.15132
Soggetti	Rock mechanics Rock noise Sound - Reverberation
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.
Nota di contenuto	Front Cover; Contents; Preface; The Authors; Chapter 1 - About Noise in General; Chapter 2 - Application of Noise Monitoring for Mining Equipments; Chapter 3 - Rock Mechanics: Application of Sound Level; Chapter 4 - Application of Acoustic Emission and Equivalent Sound Levels in the Geotechnical Fields; Chapter 5 - Equipment for Drilling, Measurement of Sound, and Physico-mechanical Properties of Rocks; Chapter 6 - Measurement of Rock Properties and Sound Level; Chapter 7 - Regression Modeling; Chapter 8 - Application of Artificial Neural Networks Chapter 9 - Case Study-Sound Level versus Rock PropertiesChapter 10 - Summary and Suggestions for Further Work; Appendix I; Appendix II; Back Cover
Sommario/riassunto	Being knowledgeable about rock properties is vital to being effective in the design of blasts in mines, quarries and other construction projects. Without proper knowledge, the energy released during blasting can be underutilized, harm the environment, and may escalate costs. Rock Engineering Design: Properties and Applications of Sound Level aids scientists and practicing engineers in determining rock properties in a quick and precise way. It presents the basic concepts and principles on

which sound level can be used in solving rock engineering design problems. Highlighting the importance of s

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