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| Altri autori (Persone) | MishraA. K RoyM. P SinghP. K |
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| Soggetti | Blasting Hard rock mines and mining |
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| Nota di contenuto | Introduction -- Overview Of Underground Metalliferous Mining -- Rock- Explosive Interaction During Underground Blasting -- Drivage Excavation Using Drilling And Blasting -- Boxcut Excavation And Stope Opening -- Underground Ring Blasting -- Blast Induced Hazards -- Innovative Blasting Practices For Underground Hard Rock Mining -- Challenges And Way Forward. . |
| Sommario/riassunto | This book presents the principles and practices of rock blasting for underground hard rock mining. It covers a theoretical background of the rock blasting technology and comprehensive case studies on different stages of rock blasting for underground metalliferous mining. It includes the discussions on burn-cut face blasting pattern, slot raise excavation methodology, and ring blasting methods. It further discusses different practical challenges associated with underground blasting, viz. ore dilution, ground vibration, wall instability, etc., and their possible solutions. The book also covers the recent advancements in methodologies to predict blasting outcomes and instrumentations for monitoring rock blasting operations. The book is a useful reference for rock blasting practitioners, mining engineers, professionals, and researchers. It is also a valuable reference for undergraduate and postgraduate students. |

