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Descrizione fisica	1 online resource (XXVIII, 699 pages) 566 illustrations, 324 illustrations in color
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Soggetti	Engineering geology Foundations Hydraulics Structural geology Transportation engineering Traffic engineering Geoengineering, Foundations, Hydraulics Structural Geology Transportation Technology and Traffic Engineering
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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Preface -- Basic knowledge -- Surface Excavation -- Underground Excavation.
Sommario/riassunto	This book summarizes the technical advances in recent decades and the various theories on rock excavation raised by scholars from different countries, including China and Russia. It not only focuses on rock blasting but also illustrates a number of non-blasting methods, such as mechanical excavation in detail. The book consists of 3 parts: Basic Knowledge, Surface Excavation and Underground Excavation. It presents a variety of technical methods and data from diverse sources in the book, making it a valuable theoretical and practical reference resource for engineers, researchers and postgraduates alike.