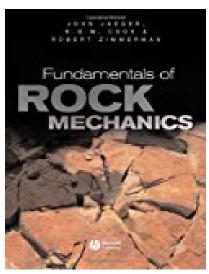
Fundamentals of Rock Mechanics



BOOK DETAILS

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BOOK SYNOPSIS

Widely regarded as the most authoritative and comprehensive book in its field, the fourth edition of Fundamentals of Rock Mechanics includes new and substantially updated chapters to this highly praised text. Extensively updated throughout, this new edition contains substantially expanded chapters on poroelasticity, wave propogation, and subsurface stresses Features entirely new chapters on rock fractures and micromechanical models of rock behaviour Discusses fundamental concepts such as stress and strain Offers a thorough introduction to the subject before expertly delving into a fundamental, self-contained discussion of specific topics Unavailable for many years, now back by popular demand. An Instructor manual CD-ROM for this title is available. Please contact our Higher Education team at HigherEducation@wiley.com for more information. Reviews: "With this attention to detail, and rigorous adherence to clarity and exactness in description, this edition will consolidate the standing achieved by the earlier editions as a most authoritative and comprehensive book in its field. It will continue to serve as a leading reference work for geoscientists interested in structural geology, tectonics and petrophysics as well as for civil, mining and petroleum engineers." (Petroleum Geoscience) "...I consider this book to be an invaluable reference for studying and understanding the fundamental science at the base of rock mechanics. I believe this to be a must-have textbook and I strongly recommend it to anyone, student or professional, interested in the subject." (Rock Mechanics and Rock Engineering) "An excellent book, very well presented, and is a must for the shelves of serious engineers and scientists active or interested in the fields of rock mechanics and rock engineering.... Highly recommended." (South African Geographical Journal, 2008)

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