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Sommario/riassunto

This book focuses on the fundamentals of rock mechanics as a basis for the safe and economical design and construction of tunnels, dam foundations and slopes in jointed and anisotropic rock. It is divided into four main parts:-
 Fundamentals and models-
 Analysis and design methods-
 Exploration, testing and monitoring-
 Applications and case histories.
 The rock mechanical models presented account for the influence of discontinuities on the stress-strain behavior and the permeability of jointed rock masses. Th
