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Nota di contenuto	Introduction -- Concept, structure, and properties of fracture media -- Basic law of fluid flow in fractured media -- Basic process of mass transfer in fractured media -- Mathematical model of mass transfer in fractured media -- Numerical methods of mass transfer process in fractured media -- Mass transfer between matrix and filled fracture during imbibition process -- Influence of wettability on interfacial area for immiscible liquid invasion -- Multiscale roughness influence on solute transport in fracture -- Influence of eddies on solute transport through a fracture.
Sommario/riassunto	This book focuses on many aspects of mass transfer dynamics of contamination in fractured media. First, it discusses the concept, structure and properties of fractured media. It then traces topics such as basic law of seepage in fractured media, the basic mass transfer

theory of fractured media, numerical simulation of mass transfer process in fractured media, mathematical model and parameter inversion of mass transfer in fractured media and the frontier of mass transfer in fractured media. The book is a comprehensive reference for both graduate students and scientific and technological teams working in the fields of hydrogeology, water conservation, mining and civil engineering, environmental engineering, transportation, civil air defense and national defense.