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Nota di bibliografia	Includes bibliographical references (p.556-595) and index.
Nota di contenuto	Origin, classification, and occurrence of sedimentary rocks -- Sedimentary textures -- Sedimentary structures -- Sandstones -- Conglomerates -- Mudstones and shales -- Provenance of siliciclastic sedimentary rocks -- Diagenesis of sandstones and shales -- Limestones -- Dolomites -- Diagenesis of carbonate rocks -- Evaporites, cherts, iron-rich sedimentary rocks, and phosphorites -- Carbonaceous sedimentary rocks.
Sommario/riassunto	This textbook outlines the physical, chemical, and biologic properties of the major sedimentary rocks, as revealed by petrographic microscopy, geochemical techniques, and field study. It covers the mineralogy, chemistry, textures, and sedimentary structures that characterise sedimentary rocks, and relates these features to the depositional origin of the rocks and their subsequent alteration by diagenetic processes during burial. In addition to detailed sections on

siliciclastic and carbonate rocks, it also discusses evaporites, cherts, iron-rich sedimentary rocks, phosphorites, and carbonaceous sedimentary rocks such as oil shales. This second edition maintains the comprehensive treatment of sedimentary petrography and petrology provided in the first edition, and has been updated with new concepts and cutting-edge techniques like cathodoluminescence imaging of sedimentary rocks and backscattered electron microscopy. It is ideal for advanced undergraduate and graduate courses in sedimentary petrology, and is a key reference for researchers and professional petroleum geoscientists.