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2.9 DROWNED CARBONATE PLATFORMS
2.10 CARBONATE CYCLES;
2.10.1 Shallowing-upward carbonate cycles; 2.10.2 Carbonate-evaporite and carbonate-clastic cycles; 2.10.3 Causes of carbonate cyclicity: orbital forcing or not?; 2.11 TECTONIC CONTEXT OF CARBONATE PLATFORMS; 3: Modern carbonate environments; 3.1 INTRODUCTION; 3.2 THE BAHAMA PLATFORM; 3.2.1 Subtidal carbonate sediments of the Bahamas; 3.2.2 Intertidal-supratidal carbonate sediments of the Bahamas; 3.3 RECENT CARBONATES OF THE FLORIDA SHELF; 3.3.1 Subtidal carbonate sediments of the Florida Shelf
3.3.2 Intertidal and supratidal carbonates of the inner Florida Shelf
3.4 CARBONATE SEDIMENTS OF THE TRUCIAL COAST; 3.4.1 Shoals, barriers and reefs of the inner ramp; 3.4.2 Lagoons; 3.4.3 Tidal flats; 3.4.4 Supratidal flats and sabkhas; 4: Carbonate depositional systems I: marine shallow-water and lacustrine carbonates; 4.1 COASTAL AND OFFSHORE ENVIRONMENTS; 4.1.1 Introduction; 4.1.2 Modern shoreline carbonate sand systems; 4.1.3 Environments and facies of shoreline sands; 4.1.4 Beach-barrier island-lagoonal sequences; 4.1.5 Beach ridge-strandplain sequences; 4.1.6 Ancient shoreline carbonates
4.2 SHELF-MARGIN SAND BODIES
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4.4.7 Facies models

Sommario/riassunto

Carbonate rocks (limestones and dolomites) constitute a major part of the geological column and contain not only 60% of the world's known hydrocarbons but also host extensive mineral deposits. This book represents the first major review of carbonate sedimentology since the mid 1970's. It is aimed at the advanced undergraduate - postgraduate level and will also be of major interest to geologists working in the oil industry. Carbonate Sedimentology is designed to take the reader from the basic aspects of limestone recognition and classification through to an appreciation of the most re
