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7. MAJOR OCEAN CURRENTS

Sommario/riassunto

As is the case with many modern fields of study, oceanographical engineering cuts across the boundaries of several disciplines. Like other scientific endeavors, it aims to understand the nature of the ocean and to make use of this understanding for the benefit of humanity through better ports, safer and more economical operations at sea, and greater use of the oceans' natural resources--food, raw materials, and recreation. This graduate-level text requires a knowledge of fluid mechanics; a background in the motions of sediments in fluids is advisable, as is a concurrent course in structural dyn