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Nota di contenuto	Behavior of Marine Fishes: Capture Processes and Conservation Challenges; Contents; Contributors; Preface; Introduction; Part One: Locomotion and Sensory Capabilities in Marine Fish; Chapter 1: Swimming in Marine Fish; Chapter 2: Fish Vision and Its Role in Fish Capture; Chapter 3: Hearing in Marine Fish and Its Application in Fisheries; Part Two: Fish Behavior near Fishing Gears during Capture Processes; Chapter 4: Fish Behavior near Bottom Trawls; Chapter 5: Fish Behavior in Relation to Longlines; Chapter 6: Fish Pots: Fish Behavior, Capture Processes, and Conservation Issues Chapter 7: Large-Scale Fish Traps: Gear Design, Fish Behavior, and Conservation Challenges Chapter 8: Fish Behavior near Gillnets: Capture Processes and Influencing Factors; Chapter 9: Electric Senses of Fish

and Their Application in Marine Fisheries; Part Three: Contemporary Issues in Capture and Conservation in Marine Fisheries; Chapter 10: Technical Measures to Reduce Bycatch and Discards in Trawl Fisheries; Chapter 11: Mortality of Animals that Escape Fishing Gears or Are Discarded after Capture: Approaches to Reduce Mortality Chapter 12: Effect of Trawling on the Seabed and Mitigation Measures to Reduce Impact Chapter 13: Measures to Reduce Interactions of Marine Megafauna with Fishing Operations; Appendix: Species Names Mentioned in the Text; Index; Color plates

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#### Sommario/riassunto

Understanding fish behavior in relation to capture processes in marine fisheries is of fundamental importance to reducing bycatch and discards, and to enhancing marine fisheries conservation efforts. A thorough understanding of this allows commercial fishers to more effectively capture target species while reducing the catch of unwanted species. *Behavior of Marine Fishes: Capture Processes and Conservation Challenges* provides the reader with principles, patterns, and characteristics on fish behavior and fish capture processes using several types of important commercial fishing gears.

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