

PREFACE

AN EARLIER VERSION of the first five chapters of this book was put together during the winter of 2003/2004 for a graduate course in Biological Oceanography that I was teaching at the University of Southern Denmark. Chapter 7 was added in January 2006 for a post-graduate course in Barcelona, Spain, and the remaining chapters were written in the spring of 2007, at which time the earlier material was also updated and streamlined.

Much of the material in this book has been developed in collaboration with students, postdocs, and colleagues through discussions and joint research projects, as will be evident from the quoted references. I thank them all. Special thanks go to George Jackson, Andy Visser, and Uffe Thygesen for many fruitful discussions, for sharing their ideas, and in particular for offering their expertise and help in mathematics and physics where mine was lacking.

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